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This catalog applies to new students entering Salt Lake Community College in the 2010-2011 academic year and returning Salt Lake Community College students whose governing catalog has expired. Individuals with specific questions about this policy should see the admissions officer or the appropriate academic administrator for their program of study.

The catalog contains information concerning academic programs, course descriptions, tuition and fees, policies, and general information about Salt Lake Community College in existence at the time of this publication's deadline, December 1, 2009.

Information in this catalog is subject to change and Salt Lake Community College reserves the right to make any necessary revisions in the information contained here without notice. The College further reserves the right to add, amend, or repeal any rules, regulations, policies, and procedures as provided by law.

This catalog is for information purposes only and does not constitute a contract between the student and the College.
A Message From President Bioteau

I am pleased to personally welcome you to Salt Lake Community College—Utah’s premier comprehensive community college. The education and training this community college provides have never been more important to our students, our state and our country than they are right now. Our outstanding faculty and staff and the 60,000 students who will attend SLCC this year create a teaching and learning environment at SLCC that is second-to-none.

For more than 60 years now, SLCC has helped students enter the workforce with the most current skills, prepared students for college-level work, and complete Associate degrees and move on to four-year institutions. Wherever you are on your career or educational path and whatever your goals, Salt Lake Community College can help.

With this catalog, everything you need to get started with your education at Salt Lake Community College is right at your fingertips. The “Things You Should Know” section contains information and a checklist to assist new and returning students; business owners and employers will find an array of services in the “Industry-Tailored Training” and “Continuing Education” sections; and the “Services and Resources for Business and the Community” section offers an overview of the many opportunities Salt Lake Community College offers to everyone throughout the community.

I encourage you to take full advantage of the resources that this college provides. Take some time to explore this catalog, visit us online at www.slcc.edu, stop by any of our 14 convenient locations, and come see any of our dedicated, helpful staff. Please ask us questions and tell us how we can help—we’re here for your success. Salt Lake Community College will always be the community’s college. Get your education at Salt Lake Community College and Step Ahead.

Sincerely,

Dr. Cynthia A. Bioteau
SLCC AT A GLANCE

ACCREDITATION
Salt Lake Community College is accredited by the Northwest Commission on Colleges and Universities (NWCCU), an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education.

PROGRAMS
SLCC offers more than 100 degree programs, as well as continuing education, apprenticeships, and other options to help students achieve their educational objectives.

OFFERINGS
- Associate of Arts Degree (AA)
- Associate of Arts in Business (AA)
- Associate of Science Degree (AS)
- Associate of Science in Business (AS)
- Associate of Pre-Engineering (APE)
- Associate of Applied Science Degree (AAS)
- Diplomas
- Certificates of Completion
- Certificates
- Letter of General Education Completion

COLLEGE OVERVIEW
Salt Lake Community College is an accredited, multi-campus college serving the diverse needs of the Salt Lake City community. With an open-door enrollment policy, the College serves more than 60,000 students through credit and non-credit courses and workshops each year, making it the largest institution of higher education in Utah. It is the sixth-fastest growing two-year college and the 4th most prolific producer of Associate's degrees in the country.

To accommodate student needs, SLCC has fourteen locations plus distance learning options that allow students to take classes virtually anywhere. Courses are offered in both traditional and accelerated semesters, during the day, at night, and on weekends. Students receive personal attention from faculty as the College maintains an average student-to-faculty ratio of 20 to 1.

The College has established active partnerships with more than 500 local businesses and school districts to provide skills training, professional development, and academic programs to current and future employees. SLCC plays a key role in building Utah's economy by anticipating future needs and preparing a skilled workforce able to manage ever-changing technologies.

Students also benefit from distance learning. SLCC offers more than 350 course sections via distance learning formats including telecourses, live distance learning (EDNET), video checkout and the Internet, with almost half of these sections being taught completely online. More than 10 percent of SLCC course sections are online classes and more than 7,000 SLCC students take at least one online course each semester.

The Center for New Media is currently under construction at SLCC's South City Campus. In partnership with Salt Lake School District's Career and Technical Education, this innovative building will provide more than 120,000 square feet of new and renovated classroom space to prepare graduates for occupations in the fields of Digital Media Design, Applied Technology, Communication Broadcasting, Animation, Visual and Art Design, Digital Technology and Performing Arts. The center will accommodate more than 7,000 additional students—including nearly 2,000 skills center students.

SLCC recently landed the two largest grants college history, making it one of the nation's leaders in green energy training. SLCC received a $1.7 million Department of Energy grant to conduct Solar Installer “Train the Trainer” training for the Rocky Mountain region. Another $4.6 million State Energy Sector Partnership grant allows SLCC, in partnership with the Utah Department of Workforce Services, to lead Utah's Energy Cluster Accelerator Partnership efforts.

Two new SLCC sites are now serving the public. The Rose Park Center, located at 1400 West Goodwin Avenue, gives the college a strong presence in Salt Lake City's west side. The Rose Park Center offers open-entry/open-exit career and technical education programs and courses through SLCC's School of Applied Technology. The Highland Center is located at 3760 South Highland Drive. Like the Rose Park Center, Highland focuses on open-entry career and technical education programs that are open to both high school students and adults. Highland also has an open Computer Learning Center that prepares high school and adult students for the GED, for Utah's Basic Skills Competency Test, or for college coursework.

SLCC AT A GLANCE
SLCC Vision Statement
Salt Lake Community College will be the premier comprehensive community college in the nation.

SLCC Mission Statement
Salt Lake Community College is a public, open-access, comprehensive community college committed to serving the broader community. Its mission is to provide quality higher education and lifelong learning to people of diverse cultures, abilities, and ages, and to serve the needs of community and government agencies, business, industry, and other employers.

The College fulfills its mission by:

- offering associate degrees, certificate programs, career and technical education, developmental education, transfer education, and workforce training to prepare individuals for career opportunities and an enriched lifetime of learning and growing;

- offering programs and student support services that provide students opportunities to acquire knowledge and critical thinking skills, develop self-confidence, experience personal growth, and value cultural enrichment;

- maintaining an environment committed to teaching and learning, collegiality, and the respectful and vigorous dialogue that nourishes active participation and service in a healthy democracy.

STRATEGIC PRIORITIES 2008-2011

I. Enhance Quality Higher Education

II. Improve Student Access and Success

III. Advance a Culture of Evidence and Accountability

IV. Strengthen Institutional Support

V. Advance Partnerships/Relationships with the Community and Business
STEP ONE
APPLY FOR ADMISSION

STEP TWO
COMPLETE PLACEMENT TESTING

STEP THREE
APPLY FOR FINANCIAL AID

STEP FOUR
ATTEND ORIENTATION

STEP FIVE
MEET WITH AN ADVISOR

STEP SIX
LOG ON TO ‘MYPAGE’

STEP SEVEN
REGISTER FOR CLASSES

STEP EIGHT
GET YOUR ‘ONECARD’ STUDENT ID

STEP NINE
PAY TUITION AND FEES

STEP TEN
BUY TEXTBOOKS AND SUPPLIES
1 APPLY FOR ADMISSION

The first step to becoming an SLCC student is to complete an admission application online at www.slcc.edu and pay the nonrefundable application fee ($40). Paper applications are available at www.slcc.edu, Enrollment Services offices, and most high school counseling centers. All matriculated students are required to take a placement assessment called the Accuplacer (or submit ACT or SAT scores). Placement assessment must be completed before registering for any classes.

The Fall 2010 Admission Application deadline is August 20, 2010. The Spring 2011 Admission Application deadline is January 5, 2011. Students are strongly encouraged to apply at least 16 weeks before Fall Semester or 8 weeks before Spring or Summer semesters to allow time for orientation, advising, and registration. The School of Applied Technology offers non-credit, flexible-entry programs that begin weekly or as scheduled throughout the year and accepts applications at any time. Additional information for enrolling in School of Applied Technology courses/programs can be found in the School of Applied Technology section of the catalog.

Health Sciences programs, however, do have specific admission requirements as described under the Admission to Health Sciences Programs section.

After an application has been processed, the student will receive a letter of acceptance containing an SLCC “student number” which will be necessary to access MyPage for enrollment services and much more. The letter will also contain important information about placement testing requirements. Students generally receive this letter within two weeks after the application is submitted.

Students under the age of eighteen who have not completed high school must comply with Utah State Code 53A-11-101, “Responsibility for Minor Required to Attend School” and can only be admitted to Salt Lake Community College as a Special Status Student.

HOW TO APPLY

Students may apply as either matriculated or non-matriculated students.

WHEN TO RE-APPLY

Application for admission is valid for one year. Students who have attended SLCC within the past two years do not re-apply prior to registering for classes. Students who have been away from SLCC longer than two years must re-apply for admission, meet placement assessment requirements, and check for any curriculum changes that have occurred since they last attended. Upon re-admission, students must adhere to the graduation requirements in the current catalog. Students who have applied for admission within the last year and have not registered for classes may update their application by calling the Data Center at (801) 957-4283.

MATRICULATED STUDENTS

A matriculated student is one who is working toward the completion of a degree, diploma or certificate of completion, or with the intent to transfer a degree to another institution. Matriculation is a requirement for any student seeking financial aid. To become matriculated, an applicant must do the following:

1. Submit an admission application with a declared major.

2. Submit a $40 non-refundable application fee when applying.

3. Take a placement assessment (ACT, SAT or Accuplacer). Placement assessments may sometimes be cleared for students who have certain types of college credit. Contact Enrollment Services for details. Placement test scores must be no more than two years old for English and no more than one year old for math.

Entry criteria for School of Applied Technology programs are explained in the section under the School of Applied Technology.

All applicants whose primary language is not English will be required to take an English language placement test to assist in determining first-semester classes.

Students whose assessments are incomplete at the time of class registration are still welcome to enroll at Salt Lake Community College as non-matriculated students. However, they are not eligible for financial aid or graduation until matriculation requirements are met.

NON-MATRICULATED STUDENTS

Students not interested in pursuing a degree, diploma, certificate of completion or transfer can be admitted as non-matriculated students. Non-matriculated status is indicated on the admission application as the following choice(s): “Take classes to transfer to another college,” “Personal Interest,” “Community/Continuing Education Program,” or “Apprenticeship, not Seeking a Degree.” To apply for this status, submit the admission application as a non-matriculated student and the $40 fee. No placement testing or transcripts are necessary for admission, but may be required for placement prerequisites in academic coursework. The non-matriculated admission status limits the ability to use credits toward graduation at SLCC; it also prohibits students from receiving financial aid through the College.

Credit earned as a non-matriculated student may not count toward a degree at SLCC unless the student matriculates. No more than 24 credits earned before matriculation can be counted toward a diploma or degree from SLCC; no more than 12 credits can be counted toward a one-year certificate from SLCC.

EARLY ENROLLMENT

Academically qualified high school juniors and seniors may pay tuition and attend regular on-campus SLCC classes while still attending high school through SLCC’s Early Enrollment program. (This program is independent of Concurrent Enrollment programs offered by many local high schools). Written permission from parent(s) or guardian(s) and school officials is required, along with transcripts, test scores, and an appointment with the Early Enrollment advisor. Students must apply for Early Enrollment by the deadline for each semester. Early Enrollment and Concurrent Enrollment are the only Special Status programs for students enrolled in secondary education. To learn more or for application deadline, call the Early Enrollment advisor at (801) 957-4844 or visit www.slcc.edu/earlyenrollment.

TRANSFER STUDENTS

Incoming transfer students must complete an admission application form with the $40 nonrefundable application fee. Transfer students who have earned credits at another college or university may be able to use that credit to (i) clear all or part of the placement assessment requirements, and/or (2) meet general education or major course requirements in a SLCC program of study. See Transferring Credit in the Things You Should Know section of this Catalog.
INTERNATIONAL STUDENTS
Salt Lake Community College welcomes students on visas and serves approximately 350 international students from 70 countries. SLCC is authorized to issue USCIS form I-20 and Department of State form DS 2019. Information about the International Student Application for Admissions is available through International Student Services www.slcc.edu/iss

For further details about international admissions requirements, deadlines, housing and international orientation, look under the heading in the THINGS YOU SHOULD KNOW section of this catalog. Information about International Student Services is provided in the SERVICES AND RESOURCES FOR STUDENTS section of this catalog.

STUDENTS WITH DISABILITIES
Incoming students with disabilities who need assistance with the application process should contact the Disability Resource Center at (801) 957-4659 (Voice) or (801) 957-4646 (TTY). For more information about SLCC services and accommodations for students with disabilities, see Disability Resource Center in the RESOURCES AND SERVICES FOR STUDENTS section of this Catalog.

ADMISSION TO HEALTH SCIENCES PROGRAMS
Most SLCC Health Sciences programs have special admission requirements. Students must complete certain prerequisite courses and achieve specific grades before being admitted to these programs. A separate health science application form is also required. For details, refer to program descriptions in this catalog or call the Health Sciences Enrollment Services Office at (801) 957-4163.

ADMISSION TO SCHOOL OF APPLIED TECHNOLOGY PROGRAMS
For information about School of Applied Technology offerings and admissions, contact the School of Applied Technology Enrollment Services Office at South City Campus or call (801) 957-3354.

COMPLETE PLACEMENT ASSESSMENT
Students’ success in a program of study at SLCC requires that they have fundamental skills in English (reading and writing) and mathematics. To make sure students are prepared to benefit from their courses, the College has developed the Student Assessment Program for placement testing. A computerized assessment system, Accuplacer, is used to evaluate students’ reading, writing, and mathematics skills. The School of Applied Technology uses the TABE (Test of Adult Basic Education) to assess these skills. These tests are NOT admissions tests. Instead, they are assessments that help students identify their academic strengths, recognize specific skills they need to work on, and plan the best sequence of courses.

Matriculated students cannot register for any classes without valid placement scores from the ACT, SAT, or Accuplacer. The SLCC Testing Centers at the Taylorsville Redwood, South City, and Jordan Campuses administer the Accuplacer each weekday on a walk-in basis. No appointment is necessary. A photo ID is required to take the placement. The Accuplacer is untimed; students may take as much time as needed. The Accuplacer scores are also used for class placements. English retests are limited to one per semester. Math retests are limited to two per semester. A fee is charged for all retests. Call (801) 957-4269 for information about taking the Accuplacer.

For more information on taking the TABE assessment for School of Applied Technology programs, please call (801) 957-3354 or (801) 957-2100, or contact a School of School of Applied Technology advisor at (801) 957-3354.

Recent ACT or SAT scores (less than two years old for English/Reading and less than one year old for math) may be used in place of the Accuplacer placement. Students should submit an official copy of their scores to an Enrollment Services office for evaluation.

APPLY FOR FINANCIAL AID
All students should apply for financial aid. Many students are surprised to discover they are eligible for some type of financial assistance. Students should apply as early as possible for financial aid because the process can take several weeks to complete.

The application process for financial aid can be started before applying for admission, but financial aid is only awarded to admitted students. See Financial Aid in the THINGS YOU SHOULD KNOW section of this Catalog for aid options and application requirements.

ATTEND ORIENTATION
New students must complete a new student orientation to be eligible to register for courses before the open registration period. Completing a new student orientation will allow new students to register up to ten weeks earlier than those who do not complete an orientation.

Orientation programs are designed to help students get started and take advantage of the services, facilities, and opportunities available at SLCC. Visit www.slcc.edu/orientation for more information on orientation and early registration, as well as for dates, times, and locations of these orientation programs.

The following orientation options are available:

QUICKCONNECT ORIENTATION
QuickConnect is a 90 minute presentation providing students with essential information on getting started at SLCC. Topics include an overview of degree and major options, how to use the catalog and class schedule, how to access the online MyPage system to register, and how to obtain a student ID, parking permit and books. Students will learn strategies for planning their first term class schedule and will find out about campus resources. QuickConnect orientations are offered frequently during the registration period prior to each semester, including morning, afternoon and evening sessions at various locations. To sign up for a QuickConnect Orientation, call (801) 957-4073 or visit www.slcc.edu/orientation.

NETCONNECT ORIENTATION
New students who are unable to attend orientation in person may complete the program online through NetConnect. NetConnect can be accessed by visiting the SLCC website at www.slcc.edu/orientation. A follow-up advising appointment is recommended to address individual needs and questions.

CAMPUSCONNECT ORIENTATION
CampusConnect is a fun, in-depth orientation provided at various campuses in the summer, prior to fall semester. This
half-day program is open to all new students and offers an opportunity to become acquainted with the College as well as other students, faculty and staff. In addition to the topics covered in QuickConnect orientations, the CampusConnect program provides workshops on topics such as choosing a major, applying for financial aid, transferring for a bachelor’s degree, getting involved in student life, and developing college survival and study skills. Students participate in group advising sessions, receive assistance with registration, and attend campus tours.

INTERNATIONAL STUDENT ORIENTATION AND IMMIGRATION WORKSHOPS
The New International Student Orientation is offered three times per year prior to the beginning of each term to all new international students on non-immigrants visas. Student on visas have federally mandated requirements for school attendance. International orientations are especially designed to promote understanding and information about maintaining both academic and immigration status. Dates of orientation are stated on each student’s acceptance letter, Form I-20, and on our web page www.slcc.edu/iss.

SLCC ONLINE ORIENTATION
Have you registered for an Online Course? If so, take a few minutes to learn about how easy it is to prepare for an online course. Visit our support site at www.slcc.edu/online for more information.

ORIENTATION FOR STUDENTS WITH DISABILITIES
Attending an orientation is the first step toward receiving accommodations under the Americans with Disabilities Act (ADA). Orientations are conducted at the Disability Resource Center (DRC). Orientations will last about an hour and are required in order to receive services from the DRC. Orientations are conducted throughout the week at Taylorsville Redwood and South City Campuses and at all other campuses by appointment. Students should call (801) 957-4659 to schedule their orientation.

MEET WITH AN ADVISOR FOR ACADEMIC AND/OR CAREER PLANNING
As you get ready to attend SLCC, review these reasons why you should visit with an Academic and Career Advisor:

1. Develop a network of individuals who support your educational goals.
2. Understand General Education and program course requirements.
3. Prepare an educational plan to meet your specific needs.
4. Obtain assistance with your semester class schedule.
5. Discuss how to start a career planning process.
6. Learn how your credits from other institutions transfer and apply to your program at SLCC.
7. Become aware of financial aid, employment, college, and community resources.

As you continue your education at SLCC, you will find many more reasons to visit us. Advisors are available online and at the Taylorsville Redwood, South City, Miller and Jordan locations. The general Advising office is located in the Student Center at Taylorsville Redwood Campus.

Call (801) 957-4978 or visit www.slcc.edu/academicadvising for further information about advising services.

To meet with an advisor for the School of Applied Technology, visit South City Campus, Taylorsville Redwood Campus, Highland Center, or Rose Park Center or call (801) 957-3354 or (801) 957-2100.

INTERNATIONAL STUDENT ADVISING
International student immigration and foreign student advising services are available to assist students on visas with maintaining both immigration and academic status. Please visit International Student Services located on the Taylorsville Redwood Campus in the Student Center 234, or call (801) 957-4528 or visit online at international.services@slcc.edu.

STUDENTS WITH DISABILITIES
The Disability Resource Center (DRC) provides advising and other services for students with disabilities. For more information, see Disability Resources Center in the Resources and Services for Students section of this Catalog or call the DRC at (801) 957-4659 (Voice) or (801) 957-4646 (TTY).

LOG-ON TO ‘MYPAGE’
MyPage is the easiest way to view the semester class schedule, register for classes and pay tuition and fees, as well as to learn about special services available to students. Through MyPage, each student is provided a MyPage email account for communication with the institution, faculty and staff.

Students are assigned a MyPage user name and student number within two business days of application to the College. To obtain their MyPage user name and password, the new student must go to MyPage, mypage.slcc.edu and click on “Need Your Username/Pass.” Enter the requested information. MyPage login information will be displayed. Also, be sure to check out other helpful links on mypage.slcc.edu.

Students should log-on to MyPage well in advance of registration to check/forward their email account and familiarize themselves with the system. Computers are available for student use at all SLCC locations. Call the Help Desk at (801) 957-5555 for computer locations and hours.

REGISTER FOR CLASSES

ALL MATRICULATED (DEGREE SEEKING) STUDENTS MUST COMPLETE PLACEMENT ASSESSMENT BEFORE REGISTERING FOR ANY COURSEWORK.

COMPLETE ALL PREREQUISITES FOR DESIRED CLASSES
Prerequisites are listed in course descriptions; only students who have completed all listed prerequisites are eligible to register for the course.

VIEW THE CLASS SCHEDULE
The class schedule is available online at www.slcc.edu. Each semester, printed class schedules are also made available at most SLCC locations prior to registration.
CLEAR ALL HOLDS ON STUDENT RECORD
Students must clear all holds prior to registration. Log into MyPage, selecting Student tab to check hold information under “Registration Status.” Account holds for unpaid tuition will be removed 24 hours after past due amount is paid in full.

HOW TO REGISTER
ONLINE REGISTRATION
1. Log-on to MyPage, mypage.slcc.edu

2. Click on “Student” tab (Not available until the Assessment Requirement is completed)

3. Follow the directions to view online class schedule and register for classes

DROPS/WITHDRAWALS
If a student decides not to remain enrolled in a class, it is the student’s responsibility to drop the class or withdraw from it. Classes dropped prior to the published drop deadline will result in an adjustment or refund of tuition. After the published drop deadline, students may withdraw from classes, but no adjustment or refund of tuition will be made.

ADMINISTRATIVE DROP FOR NON-ATTENDANCE
Classes are not automatically dropped for non-attendance. Students are expected to manage their class loads and personally drop classes they will not be attending as early in the semester as possible. Failure to officially drop or withdraw from classes not attended will result in failing grades and tuition due to the College. For more information, see Registration in the Things You Should Know section of this Catalog.

Students must attend the first class meeting of any regularly scheduled class that meets once per week or at least one of the first two class meetings of any regularly scheduled class that meets more than once per week. Students who fail to attend the first class meeting(s) as required may be dropped by the instructor for non-attendance. Students who are unable to attend the first class meeting(s) as required due to extenuating circumstances must inform the instructor or department office, preferably in writing, that they will be in attendance at subsequent meetings and do not want to be dropped from the class.

Students who receive an Administrative Drop for non-attendance will receive full credit for tuition paid. Dropping and reinstatement are at the instructor’s discretion during the first 20% of the term (see semester schedule for specific calendar dates).

GET YOUR ONECARD STUDENT ID
OneCard is the official ID card for the College. Students are required to show their OneCard to access the Lifetime Activities Center (Taylorsville Redwood Campus) to use the facilities or attend events. OneCard may be used to check out materials from SLCC libraries, access student computer labs (computers and printers), and as identification at SLCC Testing and Placement Centers.

Students may also use OneCard as a debit purchase card for account payments, as well as dining, bookstore, vending machines, and the Copy Center. The OneCard is also required to obtain printing at the various computer labs.

OneCard ID Centers are located at:
- Taylorsville Redwood (801) 957-4022
- South City, (801) 957-3407
- Larry H. Miller Campus, PSET Building (801) 957-5444
- Jordan (801) 957-2600

Call one of our ID centers for more information about obtaining a OneCard ID, or visit www.slcc.edu/onecard.

PAY TUITION AND FEES
Additional information about tuition and fees is available in the Things You Should Know section of this Catalog.

HOW MUCH DOES IT COST?
Important deadlines for undergraduate (UG) registration and payment of UG tuition/fees will be published each semester in Class Schedules. Tuition and fees rates for the 2010-2011 academic year are as follows:

(For School of Applied Technology non-credit courses and program tuition, see the sections under the School of Applied Technology)

2010-2011 TUITION AND FEES

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<th>CREDIT HOURS</th>
<th>RESIDENT TUITION/FEES</th>
<th>NON-RESIDENT TUITION/FEES</th>
<th>APPRENTICESHIPS TUITION/FEES</th>
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<tr>
<td>24</td>
<td>2,096.00</td>
<td>6,776.00</td>
<td>993.00</td>
</tr>
<tr>
<td>25</td>
<td>2,201.00</td>
<td>7,141.00</td>
<td>1,046.00</td>
</tr>
</tbody>
</table>

Approval for more than 20 credit hours must be obtained from the appropriate division chairperson. Each credit hour in excess of 21 is charged an additional tuition rate of $105.00 per resident credit hour, $365.00 per non-resident credit hour, and $53.00 per apprenticeship credit hour. For summer term only, all undergraduate students are charged tuition at the resident tuition rate regardless of residency status.

BILLING STATEMENTS
Through MyPage, each student is provided a MyPage email account for communication with the institution, faculty and staff. Official documents, billing statements, or Income Tax documents may be sent electronically to this email account. Please check your email account upon registration and periodically throughout each semester, or forward emails to your personal email account.
NOTES:
A $50 Late Payment Fee will be charged after payment deadline to all student accounts with unpaid Tuition and Fees.

- Some courses will have laboratory or special fees attached. See current class schedule for specific information.
- International students are charged an additional $40 administrative fee per term.

SCHOOL OF APPLIED TECHNOLOGY COSTS AND FEES
For Utah residents, costs for most School of Applied Technology courses and programs are $1.75 per clock hour of instruction which does not include student fees. Books and supplies are separate and are subject to change. See a School of Applied Technology Advisor for total program costs, or see the School of Applied Technology section of this catalog.

RESIDENT FEES - DISCLOSURE OF HIGHER EDUCATION COST AS PER THE PROVISIONS OF HOUSE BILL 248
"Full-time resident students at Salt Lake Community College paying a semester tuition and fee amount of $1,466 contribute an estimated 53% to the full cost of instruction per full-time student of $2,757. The remaining support for the full cost of instruction is provided by $1,291 of state tax funds and $0 of other institutional revenue sources."

HOW DO I PAY?
Verify the accuracy of the tuition and fees charged to your student account through the Internet at mypage.slcc.edu.

ONLINE...
Pay online 24/7 on MyPage, at mypage.slcc.edu using a personal check, savings account transfer, credit card, or debit/credit card. We accept VISA, MasterCard, American Express and Discover/Novus cards.

- Access the payment portal by logging on to MyPage
- Click on "STUDENT" tab
- Verify amount due
- Click on "PAY BY CHECK" (for check/savings account transfer) or "PAY BY CREDIT CARD"
- Select Term/Submit
- Proceed as instructed

BY TELEPHONE...
Call Tuition Express - (801) 957-3914 with a credit card or debit/credit card. Monday through Friday, 8 a.m. until 4:30 p.m. MST.

BY MAIL...
SALT LAKE COMMUNITY COLLEGE
ATTN: CASHIER SERVICES
PO BOX 30808
SALT LAKE CITY, UT 84130-0808

OR, PAY IN PERSON AT ANY CASHIER OFFICE
Pay tuition as well as fees for admission applications, transcripts, and graduation applications at any Cashier window during posted hours. Extended hours for services are available at Cashier Express Monday through Thursday until 8 p.m. Cashier Express is located on the second level of the Student Center at the Taylorsville Redwood Campus.

WHEN DO I PAY?
Tuition and fees are due at the beginning of each semester. See the semester class schedule for the specific payment due date. Students pay for School of Applied Technology courses at the time of enrollment.

DISHONORED CHECKS
If your check is returned, a returned check fee will be assessed and a hold will be placed on your academic records.
NOTE: SLCC pursues collections to the fullest extent of the law.

HOW DO I PAY USING FINANCIAL AID OR A VOUCHER?

FINANCIAL AID
Apply for Financial Aid in a timely fashion (see Financial Aid section).

Applying for Financial Aid does not guarantee payment of tuition and fees.

Students are responsible to pay for all registered classes by the tuition due date.

SPONSOR VOUCHERS
Provide the sponsor issuing the payment voucher with the total amount due.

Submit the voucher to Cashier Services. (See semester class schedule for locations.)

Vouchers must be received on or before the tuition due date stated in the semester class schedule.

WHAT OTHER FINANCING OPTIONS ARE AVAILABLE?
- Financial Aid
- Semester Tuition Installment Loan (STIL)
- Sponsor Voucher

WHAT IS A SEMESTER TUITION INSTALLMENT LOAN (STIL)?
Students approved for this loan make monthly installments due the tenth of each month over the course of the semester. A nonrefundable $30.00 processing fee is added to the total tuition and fees. See the Accounts Receivable Office for further instructions.

WHO IS ELIGIBLE FOR STIL?
All students can sign up for the Semester Tuition Installment Loan.

HOW DO I APPLY?
- Complete and submit an online application form:
  - Log onto MyPage
  - Enter User Name and Password
  - Click Student tab
  - Click Online Payment Plan (STIL)
  - Select the Term click Continue With Application

- Complete all applicant and reference information.
- You will then be redirected to the secure online payment portal. Students must pay their first installment when they complete and submit their application.
- Any additional Tuition and Fees will be automatically added to the STIL contract.

REFUNDS
Refunds are given to students who have received Financial Aid in excess of their tuition and fee charges, and to students who made payments but then DROPPED those classes within the 100 percent refund period.
HOW DO I GET MY REFUND CHECK?

- Refunds are processed after Financial Aid has applied to your student account or after the last day to drop classes at 100%.
- Refunds are deposited electronically to student’s bank account if student is enrolled in direct deposit.
- Refund checks are mailed to the student’s current mailing address.
- Payments made on-line will be credited to the original card. In person, credit payments will be refunded with a check to the cardholder unless otherwise requested. Call the Cashier Office at (801) 957-4868 Option 6 for more information.
- Confirm that your refund has been requested on your student account summary at MyPage, mypage.slcc.edu.

BUY TEXTBOOKS AND SUPPLIES

Students can purchase text books at one of several convenient College Stores on one of four campuses. Books are organized alphabetically by course ID to make them easier to find. By purchasing textbooks early, students avoid the last-minute rush, ensuring themselves a larger selection of new and used books.

Books may also be purchased online at bookstore.slcc.edu. Online orders are generally shipped within 24 hours. There is a $6 shipping and handling fee per book. See the Services and Resources for Students section of this Catalog for more information about the College Store.

HAVE A QUICK QUESTION?

VISIT STUDENT EXPRESS!

Located on the second floor of the Student Center at the Taylorsville Redwood Campus, Student Express provides information regarding admissions, interpretation of the Accuplacer, ACT or SAT scores, selection of classes, registration, financial aid and other basic student questions. Staff is available to assist students in the Student Express Computer Lab with College online services (setting up MyPage accounts, class searches, registration, degree evaluation, etc.). Similar services are available at Jordan and South City Locations.
SLCC DEGREES AND DEFINITIONS

SLCC OFFERS THE FOLLOWING DEGREES:
- Associate of Arts
- Associate of Arts in Business
- Associate of Science
- Associate of Science in Business
- Associate of Science in Criminal Justice
- Associate of Pre-Engineering
- Associate of Applied Science (in many areas)

AS WELL AS:
- Diplomas
- Certificates of Completion
- Certificates
- Letter of General Education Completion

Each of the following definitions includes the applicable Board of Regents Policy 401 definition.

ASSOCIATE OF ARTS (AA) AND ASSOCIATE OF SCIENCE (AS) DEGREES

The Associate of Arts (AA) and the Associate of Science (AS) degrees are programs of study primarily intended to encourage exploration of academic options, provide a strong general education component, and prepare students to initiate upper-division work in baccalaureate programs or prepare for employment. A minimum of 60 and a maximum of 64 credit hours, which include 30 to 39 credit hours of general education course work. SLCC requires a minimum of 34 credits in General Education. (The AA degree at SLCC includes a foreign language requirement. See the specific courses accepted in the General Education section.) The remainder of the credits may be taken in a variety of subject areas or may be taken in a specific subject area in preparation for a particular major. Recommended courses for specific subject areas are indicated within the program pages describing the offerings.

The Associate of Arts (AA) and the Associate of Science (AS) degrees are called “transfer” degrees because they satisfy the lower division general education requirements for a baccalaureate degree at all Utah public institutions of higher education. Be aware that the completion of an AS or AA degree does not guarantee automatic acceptance into any specific major at other colleges and universities; some four-year major programs are restricted and require special application as well as a competitive GPA.

SLCC faculty continually strive to articulate course offerings with other institutions both within Utah and out of state. SLCC Academic Advisors and advisors at the student’s intended receiving institution can assist students with specific course articulation information. Information is also available at: www.utahsbr.edu/academic.html.

The Associate of Arts in Business and the Associate of Science in Business are fully articulated and transfer to business baccalaureate programs at four-year institutions throughout the Utah System of Higher Education.

For further information about transferring, see the Things You Should Know section of this catalog.

ASSOCIATE OF PRE-ENGINEERING (APE) DEGREE

Associate of Pre-Engineering (APE) degrees are programs of study that include extensive specialized course work intended to prepare students to initiate upper-division work in baccalaureate programs. A minimum of 68 and a maximum of 85 credit hours, including a minimum of 28 credit hours of preparatory, specialized course work, and general education requirements that are less extensive than in AA or AS Degrees, are necessary for completion of the degree.

Because students do not fully complete general education requirements while completing a specialized associate degree, they are expected to satisfy remaining general education requirements in addition to upper-division baccalaureate requirements at the receiving institution. See engineering programs for specific program requirements.

Completing an APE degree does not guarantee automatic acceptance into any engineering major at other colleges and universities. Most four-year engineering programs are restricted and require special application as well as a competitive GPA.

ASSOCIATE OF APPLIED SCIENCE (AAS) DEGREE

Associate of Applied Science (AAS) degrees are programs of study intended to prepare students for entry-level careers. A minimum of 63 and a maximum of 69 credit hours, including general education requirements that are less extensive than in AA or AS Degrees, are required.

Many of the courses contained in AAS degrees will transfer to other institutions due to articulation agreements. Check with individual department coordinator or academic advisor for specifics.

At SLCC, the AAS degree requires a minimum of 13 credits of general education (10-13 credits in core academic skills and 3-6 credits in distribution courses.) The degree is awarded in a specific program area. For example: “Associate of Applied Science in Accounting” or “Associate of Applied Science in Welding.”

AAS EMPHASIS

An AAS Emphasis indicates a specific subject or focus area within a defined AAS program. The emphasis requirements fulfill the requirements for the AAS degree and are indicated as an emphasis of the AAS degree. For example: “Associate of Applied Science in Architectural Technology/CAD and Computer Graphics Emphasis.”

Some Utah institutions (such as Utah Valley University, Weber State University, and the University of Phoenix) will accept credits from certain AAS degrees toward Baccalaureate degree programs. Students who complete an AAS degree may also complete additional General Education courses to obtain an AS degree.

CERTIFICATE OF COMPLETION AND DIPLOMA

Certificate of Completion and Diploma programs are represented by a coherent sequence of courses 30 credit hours or 900 clock hours or more, with general education requirements. These certificates are designed for entry-level employment or subsequent completion of an associate degree; they may be in rapid response to business and industry.

At SLCC, Certificates of Completion and Diplomas are awarded through the various Schools. Programs are comparatively short-term (generally one year in length) and may be measured by credit hours, clock hours, or competencies.

Certificate of Completion programs at SLCC are generally 30–40 credit hours and Diploma programs are generally 40–62 credit hours. Any program of 30 semester credits or more contains human relations, communication, and computation components.
as outlined by the regional accrediting body. This requirement may be met in a variety of ways prescribed by each program. (See individual offerings for specific requirements.)

SCHOOL OF APPLIED TECHNOLOGY CERTIFICATE
School of Applied Technology Certificate of Completion programs are non-credit, clock hour, financial aid eligible programs of 600 hours or more; programs less than 600 hours result in a Certificate of Proficiency.

CERTIFICATES/RECOGNITION OF ACHIEVEMENT
An SLCC department, division, or School may award a Certificate or Recognition of Achievement to students completing particular courses or sequences of courses. These indicate a stand-alone specialization and certify and/or recognize mastery or competency in the specific course(s) taken. These programs/courses are not financial-aid eligible and, by themselves, do not lead to graduation.

LETTER OF GENERAL EDUCATION COMPLETION
The Letter of Completion meets the general education requirements at USHE institutions. The letter provides verification to a USHE institution that the student has satisfied the lower division general education requirements. The general education requirements outlined for an AS degree in General Studies are required for the Letter of Completion. Students must complete 25% of the required credits directly from SLCC and must hold matriculated status. SLCC offers the Letter of Completion as outlined in the Board of Regent Policy R 470. (Details regarding General Education requirements at SLCC follow in the next section of this catalog.)

CAREER AND TECHNICAL EDUCATION (CTE)
Career and Technical Education (CTE) includes a wide range of programs, for either credit or non-credit, specifically designed to prepare students to enter the workforce immediately upon completion. Every AAS degree, certification, and diploma is part of CTE, and includes programs such as Nursing, Cosmetology, Automotive Repair, Construction Management, Culinary Arts, Professional Pilot, HVAC, Welding, Apprenticeships, and more.

Students in CTE programs are highly recruited by businesses and industries. SLCC has relationships with businesses and industries within the community and can help CTE graduates get into a career upon graduation. Job placement for graduates in some of the most common CTE programs are over 90 percent. In some cases, students may be hired before they graduate and are able to complete their education at company expense.

SLCC partners with more than 30 local high schools and allows students to begin CTE training during high school through SLCC’s concurrent enrollment program. Concurrent enrollment allows students to earn high school and college credit at the same time, speeding their entry into the workforce.

Through SLCC’s articulation pathways program, many students completing a two-year Associate of Applied Science (AAS) degree can go on to earn Baccalaureate degree at participating four-year institutions, some of which teach programs on SLCC campuses through the University Center. Many CTE and University graduates return to SLCC for recertification or continuing education throughout their careers.

CTE is designed to teach students skills with hands-on experience and earn a degree at the same time. All CTE degrees and certifications are identified in the general catalog with CTE.

To learn more about SLCC Career and Technical Education opportunities go to www.slcc.edu/continuinged.

SAMPLE SCHEDULE
Most two-year degrees may be completed in four semesters if students enroll full time in 15 credits or more. Students must carefully plan their academic calendars based on required prerequisites and class availability by semester. Consulting with an SLCC academic advisor is recommended for such planning.

Schedules shown within program offerings are labeled as “Sample Schedules;” they must be adjusted to meet each individual student’s needs. Consulting with an SLCC academic advisor is strongly recommended.

COURSE NUMBERING INFORMATION
Courses at Salt Lake Community College are identified by an alphabetic prefix (two to four letters) followed by a four-digit number. Numbers beginning with a “1” generally indicate a course designed primarily for freshmen (such as ENGL 1010); numbers beginning with a “2” generally indicate courses designed primarily for sophomores (such as MATH 2100); numbers beginning with a “0” are non-transferable (such as DE 0900).

ADDITIONAL OPPORTUNITIES

APPRENTICESHIPS
Division of Apprenticeship
Construction Trades Building, Room 222 - (801) 957-4066

GENERAL INFORMATION
Apprenticeship programs are composed of two parts: (1) on-the-job training is provided by a sponsor who exposes the apprentice to practical applications in all phases of a particular craft; (2) classroom-related instruction is designed to provide the apprentice with knowledge of theoretical and technical aspects of their craft. Total completion of an apprenticeship program will take up to five years, depending upon the craft. See page 269 for further information.

CONTINUING EDUCATION
Taylorsville Redwood Campus
4600 South Redwood Road
P.O. Box 30808
Salt Lake City, Utah 84130-0808
(801) 957-3105
www.slcc.edu/continuinged

Continuing Education (CE) focuses on programs designed to meet the needs of business, industry, agencies, and professionals in their fields. Programs range from on-going career oriented programs to upgrade and customized training focused on development of a particular skill. CE also focuses on on-site delivery of programs and courses. See page 269 for further information.

SCHOOL OF APPLIED TECHNOLOGY
4600 South Redwood Road
P.O. Box 30808
Salt Lake City, UT 84130-0808
(801) 957-3354 or (801) 957-2100
www.slcc.edu/sat
LETTER OF GENERAL EDUCATION COMPLETION
The Letter of Completion meets the general education requirements at USHE institutions. The letter provides verification to a USHE institution that the student has satisfied the lower division general education requirements. The general education requirements outlined for an AS degree in General Studies are required for the Letter of Completion. Students must complete 25% of the required credits directly from SLCC and must hold matriculated status. SLCC offers the Letter of Completion as outlined in the Board of Regent Policy R470.

GENERAL EDUCATION ePORTFOLIO
Electronic Portfolios are a course-level requirement in all General Education courses at SLCC. Students in each Gen Ed course will be asked to put at least one important assignment into his/her Gen Ed ePortfolio. As Gen Ed courses are taken, students will build a showcase of their breadth and depth of knowledge and skills.

Instructors will also ask students to reflect on the signature assignment put in the portfolio, on its connection to other Gen Ed assignments done, on the students' own intellectual growth, on the connection between Gen Ed and the program of study, and/or on progress toward SLCC's college wide learning outcomes. Moreover, the Gen Ed ePortfolio will allow students to document goals, extracurricular activities, and their resumes.

While instructors are responsible for making assignments, helping students complete them successfully, and grading them, faculty are not responsible for helping the student build the ePortfolio itself. SLCC has courses, workshops and online tutorials that can help. For more information about this help and the overall Gen Ed ePortfolio initiative, visit www.slcc.edu/gened/eportfolio

SLCC GENERAL EDUCATION COURSE CATEGORIES:
General Education Categories are: Core Skills and Institutional Requirements.
General Education requirements for the Associate of Arts (AA) and Associate of Science (AS) transfer degrees are different from the Associate of Applied Science (AAS) degree.

CORE SKILLS
The three categories of Core Skill courses for all ASSOCIATE OF ARTS (AA) and ASSOCIATE OF SCIENCE (AS) degrees are Composition (EN), Quantitative Literacy (QL), and American Institutions (AI). These core courses are required at every institution in the Utah System of Higher Education. In addition, all ASSOCIATE OF ARTS (AA) degrees require competency at a first year level of World Language (LN). For more information about this requirement, see Language and Culture Department in this catalog.

Core Skill Courses required for all ASSOCIATE OF APPLIED SCIENCE (AAS) degree programs by SLCC’s accrediting agency, Northwest Commission on Colleges and Universities, are communication, computation, and human relations. These core skills are filled by Composition (EN), Communication (CM), Quantitative Studies (QS), and Human Relations (HR) courses at SLCC.

INSTITUTIONAL REQUIREMENTS
All ASSOCIATE OF ARTS (AA) and ASSOCIATE OF SCIENCE (AS) degrees at SLCC require students to take courses in the following four categories: Lifelong Wellness (LW), Computer Literacy (CL), Student Choice, and

GENERAL EDUCATION REQUIREMENTS

WHY GENERAL EDUCATION?
General Education courses teach basic skills as well as broaden a student's knowledge of a wide range of subjects. Education is much more than the acquisition of facts; it is gaining the strategies and skills to use information in meaningful ways in order to enrich one's life. While the subject of each course is important and useful, we become truly educated through making connections of such varied information with the different methods of organizing human experience that are practiced by different disciplines. General Education courses focus on communication, creativity and critical thinking along with the substance of the course’s information, an appreciation of the aesthetics of the area of study and its connection to the larger social web. General Education enables students to:

• Develop broader perspectives and deeper understandings of their communities and the world.
• Explore a wide variety of topics with an eye toward discovering new interests and uncovering new talents.
• Challenge previously held assumptions about the world and its inhabitants.
• Develop vital workplace skills.
• Find ways to make contributions to their communities, nations and world.
• Learn strategies and skills that can be used for life-long learning.
General Education Distribution Areas (BS, FA, HU, PS, SS, ID). In addition, students must complete one Diversity (DV) course within their selection of Distribution courses.

- The Lifelong Wellness (LW) requirement can be fulfilled by completing a Health and Lifetime Activities course, or by submitting a DD 214 document from the military.
- The Computer Literacy (CL) requirement can be fulfilled by passing a competency test or taking CIS 1020. Information regarding the Challenge Exam can be viewed at www.slcc.edu/cis/.

- The Student Choice category allows the student to choose between taking a Depth course or an Intensive course (IN). A Depth course is a second course in any of the General Education Distribution Areas and may fulfill the Diversity requirement if marked with (DV). Intensive Courses (IN) are listed in the AS/AA general education outlines below.

- The Diversity (DV) course requirement does not require the student to take an extra course. Within the six General Education Distribution Areas listed below, students must take at least one course that also critically examines the history, contributions of and challenges confronting diverse groups within our multicultural society of the United States. These diversity courses are marked with (DV) in the General Education Distribution Areas course listing that follows.

- Associate of Arts (AA) degree require study of a World Language (LN) as part of General Education. For more information about this requirement, see Language and Culture Department in this catalog.

- All ASSOCIATE OF ARTS (AA) and ASSOCIATE OF SCIENCE (AS) degrees at SLCC require students to take a total of six courses (18 credit hours) in the Distribution Areas, with one course from each of the following areas: Biological Sciences (BS), Fine Arts (FA), Humanities (HU), Physical Science (PS), Social Sciences (SS), and Interdisciplinary (ID). Within the six courses (or the Depth course), students must select one course that satisfies Diversity (DV).

ALL ASSOCIATE OF APPLIED SCIENCE (AAS) degrees at SLCC require students to take one to two courses (3 to 6 credits) from the list of General Education Distribution Areas.

GENERAL EDUCATION DISTRIBUTION AREAS

Biological Sciences (BS) courses introduce students to the concepts of structure, function and development at the molecular, cellular and organismal levels. Students will learn specific ways of knowing and relating to the biological elements of human experience. They will understand, value and use science as a process of obtaining knowledge based on observable evidence. They will understand that human beings are living organisms dependant on the biological world for survival and quality of life.

Fine Arts (FA) courses show the connection between the arts and society, which will provide avenues for understanding and respecting different cultures and their artistic expressions. Students will use the artistic process and forms of artistic expression to depict and express human experience, emotions and thought by means of verbal, visual and aural images, metaphors and design.

Humanities (HU) courses express the human spirit and celebrate our emotions and intelligence by making connections between the forces that shape reality in culture and society: language, history, beliefs, and philosophy. Students will recognize and appreciate the different cultural achievements and legacies of civilization. Students will learn to integrate moral, ethical and esthetic judgments in many contexts.

Physical Sciences (PS) courses help students learn to recognize the manifestations of physical phenomena of the everyday world. Students will learn how to assess the credibility of scientific information and will begin to use concepts of physical science to understand physical events and solve daily problems.

Social Sciences (SS) courses view human behavior from different perspectives including societal, cultural, historical and geographical. Students will increase their understanding of the complexity of the human experience and their awareness of the variety of human behavior and institutions. Students will gain a greater appreciation for the diversity of human potential.

Interdisciplinary (ID) courses are designed to study topics from more than one disciplinary approach or framework. For practical reasons, colleges tend to divide study into categories, such as the ones listed above. In reality, all fields of study are connected. Interdisciplinary courses help make these connections apparent and enrich student understanding of the complexity of the world and our knowledge of it.

TRANSFER NOTES: SLCC’s AS or AA degrees satisfy the lower division General Education requirements for a Baccalaureate degree at Utah’s public colleges and universities as well as BYU and Westminster College. Students who transfer without the AS or AA degree may elect to complete SLCC’s General Education requirements and obtain a “Letter of General Education Completion,” which will also be recognized by Utah’s public colleges and universities as satisfying lower-division general education requirements. Students transferring to BYU without an AS or AA degree should obtain advising in the selection of General Education courses.

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS) GENERAL EDUCATION REQUIREMENTS

In addition to the 13–19 credits outlined below, students will need to complete additional credits in their academic program for a total of 63-69 credits to graduate with an AAS degree. Individual program descriptions outline program requirements.

NOTE: Some academic programs may recommend different courses for General Education. Recommendations are not requirements, but faculty have decided that such recommendations may aid the student in the future, especially when transferring. Check specific program descriptions provided in this Catalog.

The General Education requirements for an ASSOCIATE OF APPLIED SCIENCE (AAS) degree will be considered fulfilled when a student has completed 13-19 credit hours in the following areas:

AAS CORE SKILLS: 10-13 CREDITS

COMPOSITION (EN) 3 CREDITS
ENGL 1010 Introduction to Writing (EN) 3

QUANTITATIVE STUDIES (QS) 3-4 CREDITS
APPR 1470 Math for the Trades (QS) 5
ART 1210 Math for Visual Arts (QS) 3
BCCM 1100 Construction Math (QS) 5
CHEF 1210 Business Math (QS) 3
CPA 1470 Math for the Trades (QS) 5
CP1 1470 Math for the Trades (QS) 5
AA/AS CORE SKILLS: 12–13 CREDITS

COMPOSITION (EN) 6 CREDITS

ENGL 1010 Introduction to Writing (EN) 3

AND

ENGL 2010 Intermediate Writing (EN) 3

OR

ENGL 2100 Technical Writing (EN) 3

NOTE: Students whose Accuplacer score places them into ENG 2010 still need to complete two English Writing courses (6 CR) to satisfy the Composition (EN) Core Skills in General Education requirement. In addition to ENGL 2010, choose from one of the following: ENGL 1010, ENGL 2100, ENGL 2250, BUS 2200, or take the English CLEP exam (contact SLCC Testing Center).

QUANTITATIVE LITERACY (QL) 3-4 CREDITS

MATH 1030 Quantitative Reasoning (QL) 3

MATH 1040 Introduction to Statistics (QL) 3

MATH 1050 College Algebra (QL) 4

OR

MATH 1090 College Algebra-Business (QL) 3

NOTE: In selecting a QL course to fulfill General Education requirements for an AS or AA, students must consult their academic program and the institution to which they intend to transfer. Math requirements may vary by four-year institutions.

AMERICAN INSTITUTIONS (AI) 3 CREDITS

ECON 1740 Economic History of the U.S. (AI) 3

HIST 1700 American Civilization (AI) 3

POLS 1100 US Government & Politics (AI) 3

AA/AS INSTITUTIONAL REQUIREMENTS (22 CREDITS)

LIFELONG WELLNESS (LW) 1 CREDIT

Any course designated in its title as (LW), currently including most HLAC courses, some DANC courses, and HLTH 1240.

STUDENT CHOICE 3 CREDITS

DEPTH:

Any second course from one of the General Ed. Distribution Areas

OR

INTENSIVE (IN):

BUS 2200 Business Communication (IN) 3

COMM 1010 Elements of Effective Comm (IN, CM) 3

COMM 1020 Principles of Public Speaking (IN, CM) 3

COMM 1270 Analysis of Argument (IN) 3

PHIL 1350 Resonbl. & Rl'l Decn-Making (IN) 3

COMPUTER LITERACY (CL) 3 CREDITS

A competency test www.slcc.edu/CIS

OR

CIS 1020 COMPUTER ESSENTIALS (CL) 3

Information regarding the Challenge Exam can be viewed at www.slcc.edu/CIS

NOTE: Completion of CIS 1020 with a B grade or better meets the computer proficiency requirement for business majors at all Utah colleges and universities.

GENERAL EDUCATION DISTRIBUTION AREAS (18 CREDITS)

Students must take one course (3 credits) from each of the following six areas (BS), (FA), (HU), (PS), (SS), and (ID). One of the six courses must also be a Diversity course (DV).*

*NOTE: Some courses may be cross-listed between distribution areas, but each may only count as fulfilling one distribution area. See individual program descriptions for possible program-specific recommendations for course selection in these distribution areas.
## BIOLOGICAL SCIENCES (BS)
- BIOL 1010 Introduction to Biology (BS) + Lab (1015) 4
- BIOL 1030 Introduction to Plant Biology (BS) + Lab (1035) 4
- BIOL 1060 Introduction to Animal Biology (BS) 4
- BIOL 1070 Introduction to Marine Biology (BS) + Lab (1075) 4
- BIOL 1090 Human Biology (BS) 3
- BIOL 1110 Introduction to Human Anatomy/Physiology (BS) 3
- BIOL 1120 Conservation Biology 3
- BIOL 1610 College Biology I (BS) + Lab (1615) 4

**NOTE:** Students must register for lecture and lab at the same time. If the lab is full, students cannot register for the lecture. (Multiple lab options are available for each lecture course offering.)

## FINE ARTS (FA)
- ART 1010 Exploring Art (FA) 3
- ART 1020 Introduction to Drawing (non-majors) (FA) 3
- ART 1040 Jewelry: Culture & Creation (FA) 3
- ART 1050 Intro to Photography (FA) 3
- ART 1060 Calligraphy–Design and History (FA) 3
- ART 1175 Photographing Diversity (FA, DV) 3
- BCCM 1110 Birth of a Flute (FA) 3
- COMM 2570 Intro to Visual Comm (FA) 3
- DANC 1010 Dance & Culture (FA, DV) 3
- DANC 1090 Bridging the Arts (FA) 3
- DANC 1100 Introduction to Ballet I (FA) 3
- DANC 1200 Introduction to Modern Dance I (FA) 3
- DANC 1500 Introduction to Jazz Dance I (FA) 3
- DANC 1820 Introduction to Tap Dance I (FA) 3
- FA 1080 Basic Metal Sculpting (FA) 3
- FA 1090 Bridging the Arts (FA) 3
- FLM 1020 Introduction to Film (FA) 3
- FLM 1070 Film & Culture (FA, DV) 4
- MUSC 1010 Introduction to Music (FA) 3
- MUSC 1030 Survey of Jazz (FA) 3
- MUSC 1040 US Music & Culture (FA, DV) 3
- MUSC 1090 Bridging the Arts (FA) 3
- THEA 1010 Survey of Theatre (FA) 3
- THEA 1070 Film and Culture (FA, DV) 4
- THEA 1090 Bridging the Arts (FA) 3
- THEA 1023 Introduction to Film (FA) 3

## HUMANITIES (HU)
- ANTH 2011 People & Cultures of the Southwest (HU) 3
- ANTH 2120 Sacred Traditions (HU) 3
- ARTH 2510 Latin American Art to 1821 (HU) 3
- ARTH 2710 Art History: Prehistory/Ren. (HU) 3
- ARTH 2720 Art History: Ren./Contemp. (HU) 3
- COMM 2530 Elem. of Human Communication (HU) 3
- ENGL 1050 Intro to Reading Contemp Culture (HU, DV) 3
- ENGL 1060 Tech Studies/Rdg, Wrtr & Rspn (HU) 3
- ENGL 1100 Diversity in US Literature (HU, DV) 3
- ENGL 2030 Language in Society (HU, DV) 3
- ENGL 2250 Intro to Imaginative Writing (HU) 3
- ENGL 2260 Intro to Writing Poetry (HU) 3
- ENGL 2270 Intro to Writing Fiction (HU) 3
- ENGL 2280 Intro to Creative Nonfiction (HU) 3
- ENGL 2600 Critical Introduction to Literature (HU) 3
- ENGL 2610 Diversity in American Literature (HU, DV) 3
- ENGL 2710 Introduction to Folklore (HU) 3
- ENGL 2740 Introduction to Women’s Studies (HU) 3
- ENGL 2760 Gender and Cultural Studies (HU, DV) 3
- ENGL 2800 Native American Lit Exp (HU, DV) 3
- ENGL 2830 Diverse Women Writers (HU, DV) 3
- ENGL 2850 GLBT Studies (HU, DV) 3
- HUMA 1100 Intro to Humanities (HU) 3
- HUMA 1900 Dev Western Civ/Ancient to Renaiss (HU) 3
- HUMA 3110 Dev Western Civ/Ren to Modern (HU) 3
- HUMA 2120 Sacred Traditions (HU) 3
- HUMA 2220 Pacific American Studies (HU, DV) 3
- HUMA 2300 World Religions (HU) 3
- HUMA 2310 Great Books I (HU) 3
- HUMA 2320 Great Books II (HU) 3
- HUMA 2450 Religious Diversity in America (HU, DV) 3
- HUMA 2600 Decade of the ’60s (HU) 3
- INTL 2040 The Immigrant Experience (HU, DV) 3
- INTL 2060 Int’l Lit and Culture (HU, DV) 3
- INTL 2240 Latin American Studies (HU) 3
- PHIL 1000 Introduction to Philosophy (HU) 3
- PHIL 2300 Environmental Ethics 3
- PHIL 2350 Principles & Philosophy of Religion (HU) 3

## PHYSICAL SCIENCES (PS)
- CHEM 1000 Introduction to Chemistry (PS) 3
- GEO 1010 Introduction to Geology (PS) 3
- GEOG 1000 Earth’s Surface Environments (PS) 3
- GEOG 1700 Natural Disasters Envir. Field Study (PS) 3
- GEOG 1780 Remote Sensing of Earth (PS) 3
- MET 1000 Introduction to Meteorology (PS) 3
- PHYS 1010 Elementary Physics (PS) 3
- PHYS 1040 Elementary Astronomy (PS) 3

## SOCIAL SCIENCES (SS)
- COMM 2080 Conflict Mgmt & Diversity (SS, DV) 3
- CJ 1010 Criminal Justice (SS) 3
- ECON 1010 Economics as a Social Science (SS) 3
- ECON 1800 Intro to Economic Systems (SS) 3
- ETHS 2410 African American Culture (SS, DV) 3
- ETHS 2420 Asian American Culture (SS, DV) 3
- ETHS 2423 Mexican American Culture (SS, DV) 3
- ETHS 2440 Native American Culture (SS, DV) 3
- FHIS 1500 Lifespan, Growth & Development (SS) 3
- HIST 1100 Western Civ to 1500 (SS) 3
- HIST 1110 Western Civ Since 1500 (SS) 3
- HIST 1300 Colonial Latin America (SS) 3
- HIST 1310 Modern Latin America (SS) 3
- HIST 1450 Middle Eastern Civilization (SS) 3
- HIST 1460 Modern Middle Eastern Civ (SS) 3
- HIST 1500 World History to 1500 (SS) 3
- HIST 1510 World History Since 1500 (SS) 3
- HIST 2200 Americanization (SS, DV) 3
- HIST 2700 US History to 1877 (SS) 3
- HIST 2710 US History since 1877 (SS) 3
- HIST 2800 Utah’s Diverse Heritage(SS, DV) 3
- LB 220 Human Relations for Career Dev (SS, HR) 3
- POLS 2070 Diversity & US Politics (SS, DV) 3
- POLS 2200 Intro to Comparative Politics (SS) 3
- POLS 2300 Political Ideologies (SS) 3
- PSY 1010 General Psychology (SS) 3
- PSY 1100 Human Growth and Development (SS) 3
- PSY 2370 Gender in America (SS, DV) 3
- PSY 2600 Psych of Race, Class, Gender, (SS, DV) 3
- SOC 1010 Introduction to Sociology (SS) 3
- SOC 2370 Gender in America (SS, DV) 3
- SOC 2690 Race and Ethnicity (SS, DV) 3

## INTERDISCIPLINARY (ID)*
- ANTH 1010 Culture and Human Experience (ID) 3
- ANTH 1030 Introduction to Archeology (ID) 3
- BMAN 1110 Intro to Biomaterial (ID) 3
- BMAN 1130 Bioengineering in Society (ID) 3
- BUS 1040 Ethics at Work (ID) 3
- BUS 1050 Foundations of Business (ID) 3
- CIS 1070 Living in a Digital World (ID) 3
- CIS 1430 Internet & HTML Fundamentals (ID) 3
- COMM 1010 Introduction to Mass Communication (ID) 3
- COMM 2100 Interpersonal Comm (ID, HR) 3
- COMM 2150 Intercultural Communication (ID, DV) 3
- COMM 2200 Elements and Issues of Digital Media (ID) 4
- EDU 1400 Study of Disabilities (ID, DV) 3
- ELECT 1010 Electrical and Modern Living (ID) 3
- ELECT 1600 The Electronics Age (ID) 3
- ENGR 1010 Intro to Nanotechnology (ID) 3
- ENV 1010 Race to Save the Planet (ID) 3
- FHS 2400 Marriage and Family Relations (ID) 3
- FHS 2450 Introduction to Human Sexuality (ID) 3
- FIN 1040 Personal Finance (ID) 3
- GEOG 1300 Regional Geography (ID) 3
- GEOG 1400 Human Geography (ID) 3
- GEOG 1800 Introduction to GIS (ID) 3
- GEOG 2120 Urban/Environ. Issues (ID) 3
- HLTH 1010 Life, Society and Drugs (ID) 3
- HLTH 1110 Social Health & Diversity (ID, DV) 3
- HLTH 1900 Lifetime Wellness and Fitness (ID) 3
- HUMA 2130 Philosophy in Literature (ID) 3
- INTL 2980 Travel Studies (ID) 3
T

SLCC 2010-2011 GENERAL COLLEGE CATALOG

individual program descriptions for specific course requirements.

Any program of 32 semester credit hours or more must contain

of the SLCC Engineering Advisor as well as a transfer advisor from

ate degree that requires reduced general education requirements.

GENE

l

r

TECH

1010 Technology and the Future (ID) 3

CERTAIN SECTIONS TAUGHT USING SERVICE-LEARNING
Indicates courses that have a faculty member who received
service-learning designation for the individual sections they

teach. The service-learning designation per faculty member and
for their particular section is found in the course schedule for
each term.

CERTAIN SECTIONS OF COURSES TAUGHT USING SERVICE-

LEARNING
BRC 2401 Advanced Cosmetology/Barbering Lab I 4
BRC 2410 Theory-State Board Preparation 4
EDU 1400 Study of Disabilities (ID, DV) 3
ENGL 2040 Intermediate Writing (EN) 3
ENGL 2100 Technical Writing (EN) 3
ENGL 2710 Introduction to Folklore (HU) 3
HIST 1700 American Civilization (AI) 3
HIST 2700 U.S. History to 1877 (SS) 3
LE 1020 Essentials of College Study (ID) 3
MATH 1050 College Algebra (QL) 4
MATH 1220 Calculus II 4
POLS 1100 U.S. Government and Politics (AI) 3

ASSOCIATE OF PRE-ENGINEERING

DEGREE (APE)

The Associate of Pre-Engineering degree is a specialized associ-
ate degree that requires reduced general education requirements.
Professors will be required to satisfy remaining general education
requirements for a baccalaureate degree at the transfer (receiving)
institution. SLCC engineering students should meet with
the SLCC Engineering Advisor as well as a transfer advisor from
the receiving institution to obtain advising regarding general
education requirements specific to Engineering majors.

CERTIFICATE OF COMPLETION OR
DIPLOMA PROGRAMS’ GENERAL
EDUCATION REQUIREMENTS

Any program of 32 semester credit hours or more must contain
communication, computation, and human relations components
as outlined by the regional accrediting body (Northwest Com-
mission on Colleges and Universities.) This requirement may be
met in a variety of ways and is prescribed by each program. See
individual program descriptions for specific course requirements.

SERVICE LEARNING COURSES

Service-learning is one method of being “civically-engaged,” as
indicated in the fifth Academic Student Learning Outcome, listed
elsewhere in this catalog. SLCC has an officially recognized process
for designating service-learning courses. Designated service-
learning courses are listed below for your convenience and the
course description also includes the service-learning designation.

NOTE: ENGL courses are part of Core Skills and may not be used for
this LN requirement. Foreign/naturalized students are not allowed to take
Beginning LN courses in their native language. There may be other options;
consult the Language and Culture Department page in this catalog.

ASSOCIATE OF PRE-ENGINEERING

DEGREE (APE)

GENERAL EDUCATION REQUIREMENTS

LANGUAGE (LN) 5 CREDITS*
ARB 1020 Beginning Arabic II (LN) 3
ASLI 1020 Beginning American Sign II (LN) 3
CHI 1020 Beginning Chinese II (LN) 3
FRN 1020 Beginning French II (LN) 3
GER 1020 Beginning German II (LN) 3
ITL 1020 Beginning Italian II (LN) 3
JPN 1020 Beginning Japanese II (LN) 3
NAV 1020 Beginning Navajo II (LN) 3
POR 1020 Beginning Portuguese II (LN) 3
RUS 1020 Beginning Russian II (LN) 3
SAM 1020 Beginning Samoan II (LN) 3
SPN 1020 Beginning Spanish II (LN) 3
TNG 1020 Beginning Tongan II (LN) 3

*NOTE: ENGL courses are part of Core Skills and may not be used for
this LN requirement. Foreign/naturalized students are not allowed to take
Beginning LN courses in their native language. There may be other options;
consult the Language and Culture Department page in this catalog.

SLCC 2010-2011 GENERAL COLLEGE CATALOG
ADMISSIONS

INSURANCE

ENGLISH AS A SECOND LANGUAGE

REGISTRATION

CREDIT BY EXAM

TRANSFER CREDIT

GRADES AND REPORTS

ACADEMIC STANDARDS POLICY

TUITION AND FEES

FINANCIAL AID AND SCHOLARSHIPS

GRADUATION

TRANSCRIPTS

COLLEGE POLICIES

STUDENT CODE OF CONDUCT

FAIR AND EQUITABLE DISCIPLINARY PROCESS

CAMPUSS POLICY ON DRUGS AND ALCOHOL
ADMISSIONS

ADMISSION POLICY
SLCC welcomes students for admission to any course of study for which their qualifications indicate they can benefit, without regard to age, marital status, race, color, creed, gender, sexual orientation, national origin, disability, or status as a disabled veteran. Please review the "Getting Started" section of this catalog for SLCC admission requirements and process.

RESIDENCY CLASSIFICATION
All individuals are encouraged to apply for admissions to SLCC. Following applicable state laws, Enrollment Services classifies all applicants for admission as either residents or non-residents for tuition purposes at the time of application. Visit www.slcc.edu/enrollmentservices for specific information regarding residency.

Students making application under the Utah state law (HB 144) “Exemption From Nonresident Tuition - Undocumented Student Applicant” should contact their high school counselor or Enrollment Services at SLCC. For related information, see TUITION AND FEES section of this catalog.

WESTERN UNDERGRADUATE EXCHANGE PROGRAM
Students who are residents of Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming may be eligible to participate in the WUE Western Undergraduate Exchange Program. This program provides tuition discounts for residents of these states who wish to attend colleges or universities in other participating states. WUE status is not available for all academic programs. It is advised that students apply early as there are limited funds available. Requests are handled in the order they are received. At SLCC, approval for WUE tuition reductions are handled on a first-come, first-served basis. For more information and WUE forms, go to www.slcc.edu/enrollmentservices.

INTERNATIONAL STUDENTS, SCHOLARS & EXCHANGE VISITORS
Taylorsville Redwood Campus, Student Center 234
(801) 957-4528, Fax: (801) 957-4432
www.slcc.edu/iss

SLCC welcomes 350 International Students and Scholars from 70 countries. SLCC is authorized to issue the USCIS form I-20 for “F” and “M” student visa applicants and the Department of State’s “J” visa for the Exchange Visitor Program including exchange visitors, students and scholars. Scholars and Exchange Visitors work through academic departments by invitation. Students must complete an international application and meet all admission requirements to receive the form I-20.

DEADLINES FOR INTERNATIONAL ADMISSION

Students applying from outside of the United States:

| FALL SEMESTER | JUNE 1 |
| SPRING SEMESTER | NOVEMBER 1 |
| SUMMER TERM | APRIL 1 |

Students transferring from schools within the United States:

An international application and all supporting documents must be received at least SIX (6) WEEKS before classes begin each term.

ADMISSION REQUIREMENTS
The following documents and credentials are to be submitted to International Student Services for the I-20 to be issued:

1. APPLICATION FOR ADMISSION
Complete the International Student Application for Admission with the appropriate field of study and the $75.00 non-refundable application fee. An online application is available at www.slcc.edu/iss.

2. FINANCIAL STATEMENT
The U.S. Citizenship and Immigration Service (USCIS) requires SLCC to verify that an international student provides evidence of financial resources for the length of time necessary to pursue an education in the United States. A realistic financial plan is required for the issuance of the I-20 form. Official financial documents from the student or the student’s sponsor are used to demonstrate financial ability. Both an official bank statement and a notarized Financial Statement (see application packet) from the bank account holder or sponsor are required. (Faxed documents will not be accepted).

PROOF OF ENGLISH PROFICIENCY

3. NO TOEFL REQUIRED
SLCC offers an Intensive English Program. Upon arrival students will take the Accuplacer test (www.slcc.edu/testing) to determine their level of English proficiency and college readiness. Students needing English as a second language will enroll 20 hours per week in the ESL program.

If a TOEFL score is available the minimum score of 173 computer-based or 64 internet-based is required to enter a college major.

Information on the TOEFL may be obtained by writing to TOEFL, Educational Testing Service, P.O. Box 6151, Princeton, New Jersey, 08541-6151, U.S.A. Test results should be sent directly to the International Student Services Office. The SLCC Institutional Code is 4864.

COLLEGE PLACEMENT EXAMINATION - ACCUPLACER
A placement examination, the Accuplacer and/or the LOEP is required of all students. A minimum score of 84 on the LOEP is required to enter a major. Students scoring between 72 and 83 will be admitted to the level four English as a Second Language classes. Students scoring below 72 will be admitted to the SLCC Intensive English Language Program at the School of Applied Technology. The test must have been taken within the last year.

The Accuplacer test can be taken at the Taylorsville Redwood, South City or Jordan Campus Testing and Placement Center.

A student scoring below 173 on the computer-based TOEFL or below the minimum to enter a major on the Accuplacer will be issued an I-20 for the Intensive English Program and be required to take the English-as-a Second Language Placement Test at the School of Applied Technology. Based on these scores, students will be placed at the level of instruction appropriate for their needs.

Students applying from outside of the United States who are unable to take any of the tests listed above will be issued an I-20 for the Intensive English Program. Students will be tested upon arrival at SLCC and then placed in the classes appropriate to their level of English ability.
4. OFFICIAL PROOF OF HIGH SCHOOL GRADUATION or college transcripts with English translations. International admissions policy requires satisfactory completion of secondary education or the equivalent of a U.S. high school diploma.

5. COPY OF MAIN PASSPORT PAGES to include name, photo, and passport expiration dates.

TRANSFER STUDENTS

6. NOTICE OF INTENT TO TRANSFER (TRANSFER FORM) Students transferring from schools within the U.S. must submit a Transfer Form completed by the previous school’s Designated School Official (DSO) certifying the student’s status and eligibility to transfer.

7. TRANSCRIPTS Official transcripts for each post-secondary school, college or university attended by the applicant in the United States.

NOTE: FAXED DOCUMENTS ARE NOT ACCEPTED.

INTERNATIONAL TRANSFER CREDIT

Evaluations can be obtained through a foreign credential evaluation service. Information about these services is available from International Student Services international.services@slcc.edu.

NOTE: International Student Application forms are available from International Student Services or via www.slcc.edu/iss. Contact ISS directly with questions about the international application process via email at: international.services@slcc.edu.

INTERNATIONAL STUDENT IMMUNIZATION REQUIREMENT

All students on non-immigrant visas attending Salt Lake Community College must prove that they have immunity to measles, mumps and rubella (MMR) or receive the vaccinations. Please visit the Health and Wellness Services Medical Clinic to be tested for Tuberculosis (TB) and to provide proof of immunizations. SLCC Student Health Clinic locations:

Taylorville Redwood Campus
Student Health Clinic SC048 (801) 957-4347

South City Campus
Student Health Clinic W175 (801) 957-3323

Jordan Campus
Student Health Clinic JHS 011 (801) 957-6211

Visit www.slcc.edu/hw

INSURANCE

STUDENT ACCIDENT INSURANCE

Accident insurance is provided for students enrolled at SLCC. The policy provides limited secondary coverage for accidental injury while attending a school sponsored activity. For more information, please contact the SLCC Office of Risk Management at (801) 957-4533.

INTERNATIONAL STUDENT HEALTH INSURANCE

Health insurance is mandatory for international students. Students who do not meet insurance requirements will not be allowed to register for classes. Proof of insurance meeting SLCC health standards and deadlines for submission are available at www.slcc.edu/iss.

SLCC requires health insurance for international students for several reasons, including:

• Health care can be very costly in the U.S.
• The U.S. does not have a national health care plan.
• Health services may be restricted if you do not have health insurance.

International students can fulfill this requirement in one of two ways:

1. By purchasing the SLCC Student Health Insurance Plan. The plan for F-1 international students is provided by Renaissance Agencies, Inc. www.renstudent.com.
2. By providing the College with proof of comparable alternate health and accident insurance coverage that meets the College’s requirements. This must be done by submitting a detailed copy of the current health insurance policy along with a Request for Insurance Waiver Form, available in International Student Services.

PLACEMENT ASSESSMENT

Matriculated students cannot register for any classes without valid placement scores from ACT, SAT or Accuplacer. This helps the student determine his/her skill level in the areas of reading and math. The SLCC Testing and Placement Centers at Taylorsville Redwood, South City and Jordan Campuses administer the Accuplacer each weekday on a walk-in basis. No appointment is necessary. A photo ID is required to take the test.

The Accuplacer is an un-timed assessment, so students may take as much time as needed to complete the test. The Accuplacer is not graded on a pass/fail basis. Accuplacer test scores are used for class placements. English is limited to one retest per semester. Math is limited to two retakes per semester. A fee is charged for each retest. Call (801) 957-4269 for more information about taking the Accuplacer.

Recent ACT or SAT scores (less than two years old for English and less than one year old for math) may be used in place of the Accuplacer exam for class placements. Students who have taken the ACT or SAT recently should submit their scores to an Enrollment Services office for evaluation.

ENGLISH-AS-A-SECOND LANGUAGE

Applicants for whom English is not their native or first language must satisfactorily complete English-as-a-Second Language classes or must prove they are proficient in English-as-a-Second Language. English proficiency can be demonstrated by TOEFL exam (173 or above) or the SLCC Accuplacer/LOEP exam. All non-native English speakers need to take one of these exams to determine English proficiency. For more information on ESL (English-as-a-Second-Language) classes, call the ESL coordinator at the School of Applied Technology, South City Campus, at (801) 957-3212.

REGISTRATION

All matriculated students are required to take a placement assessment called the Accuplacer (or submit ACT or SAT scores). Placement assessment must be completed before registering for any classes.
Before the beginning of each semester, students may register for classes listed in the class schedule. Class schedules are available online at www.slcc.edu/schedule. Class schedules are also printed each semester and contain a listing of classes taught, as well as policies and procedures relating to registration, adding and dropping classes, tuition payment, refunds, challenging of classes (see Challenge Examinations p. 34), and due dates.

Registration is complete when students enroll in one or more courses and tuition and fees are paid in full or payment arrangements have been made. Registration deadlines and payment due dates are listed in the class schedule and online in MyPage. Special permission must be obtained to add classes after arrangements have been made. Registration deadlines and more courses and tuition and fees are paid in full or payment is made in advance. This allows students an opportunity to register for the same course during the semester. Obtaining a Priority Ticket for the course the following semester during special Priority Ticket early registration. Priority Tickets generated in Spring are valid for Summer and Fall semesters. Priority Tickets generated in Fall semester are valid for Spring semester. If a student receives a Priority Ticket, SLCC will contact that student by mail and email a few weeks before the next semester’s registration period with details about early registration options for the following semester.

The Priority Ticket will be cancelled if the student adds the same class during the semester. Obtaining a Priority Ticket for a specific course does not change the prerequisite requirements for that course.

**ADDS/DROPS/WITHDRAWALS**

Students are responsible for adding and dropping their own classes and should follow the procedures outlined in the class schedule. No extra charge is made for adding or dropping classes.

**ADDS**

Classes may be added during scheduled registration periods through the 7th business day of each full semester or term of 71/2 weeks or longer, or through the end of the 2nd business day of any term shorter than 71/2 weeks. Students hoping to add a course are encouraged to attend the first class meeting of that course.

**DROPS**

Classes may be dropped until the published drop deadline. Students dropping classes by the published deadline will receive a refund or adjustment of tuition according to the refund/adjustment schedule printed in the class schedule and available online in MyPage. No entry is made on the student’s permanent record for classes dropped by the published deadline.

**WITHDRAWALS**

Students may withdraw from classes after the third week through the ninth week of a semester or within the first 60% of a 7 1/2 week term. For sessions shorter than 7 1/2 weeks, see deadlines published on MyPage and in the class schedule. Withdrawal from class after the third week of the semester or 20% of the term will be shown as a ‘W’ on the transcript and will not be calculated in the grade point average. **No tuition refund/adjustment will be made for withdrawals.**

Exceptions to the withdrawal deadline may be granted by a Division Chair or Dean, Dean of Students, or the Disability Resource Center in extenuating circumstances with appropriate documentation. No exceptions will be granted after final exams have been given.

**ADMINISTRATIVE DROP FOR NON-ATTENDANCE**

In order to maximize registration opportunities for all students, students are required to attend the first class meeting of any regularly scheduled class that meets once per week or at least one of the first two class meetings of any regularly scheduled class that meets more than once per week. Students who are unable to attend the initial class meeting(s) as required must inform the instructor or department office, preferably in writing, that they intend to attend subsequent meetings and do not want to be dropped.

**Students who fail to attend initial class meeting(s) as required and who fail to contact the instructor in advance of the absence may be dropped from the course by the instructor.**

Students enrolled in classes of high demand and/or limited availability are particularly vulnerable to a drop for non-attendance.

Students who receive an Administrative Drop for Non-attendance will receive full credit for tuition paid. Dropping and reinstatement are at the instructor’s discretion during the first 20% of the term. (See class schedule for specific calendar dates.) **Students are NOT automatically dropped for non-attendance.**

**FAILURE TO DROP/WITHDRAW**

Students should not assume classes are automatically dropped for non-attendance or non-payment. Students are responsible for dropping or withdrawing from classes they (a) are not attending, or (b) do not intend to complete in the current semester. Students who stop attending a course without completing the formal drop or withdrawal procedures by the published deadlines will be responsible for all tuition and fees associated with the course, and will receive a failing grade ‘E’ for the course with the last date of attendance recorded.

Students should submit drops/withdrawals as early in the semester as possible. Tuition will be charged for classes not dropped by the end of the third week of the semester or 20% of a term.

**REGISTRATION APPEAL**

In the case of extenuating circumstances, students may appeal to drop classes at 100%. Appeals must be initiated within one year of the semester involved. Please submit a completed “Registration Appeal” form with appropriate documentation to Enrollment Services. Guidelines for submitting appeals are explained on the Appeal form. Appeals may be mailed to:

 Enrollment Services Appeals Committee  
 Salt Lake Community College  
 PO Box 30808  
 Salt Lake City, UT 84130.

For more information and to access forms, please go to www.slcc.edu/enrollmentservices.

Appeals are reviewed by a representative of the Enrollment Services Appeals Committee. Results are mailed to you within 7 business days. If you are not satisfied with the appeal decision, you may submit a second appeal with additional supporting documentation, to be reviewed by the Appeals Committee. Results of the Appeals Committee decision are final.
AUDITING CLASSES

Intent to audit a class must be declared at the time of registration and no later than the last day to add classes. Audited classes are not considered in enrollment status and are not eligible for Financial Aid and VA benefits. Tuition is calculated the same as taking the class for credit. Not all classes may be audited. An “AU” is recorded on the student’s transcript.

SENIOR CITIZEN ENROLLMENT

Utah Residents who have reached age 62 and over are invited to enroll in any regular class offered at reduced cost under the following conditions:

• Surplus space must be available in the class;
• Classes will be taken as an audit (non-matriculated, no college credit);
• $10 registration fee required each semester (fee does not cover cost of books, supplies, parking or special class fees, lab fees);
• Paper admission applications must be filed with Enrollment Services. ($40 application fee waived);

Senior citizens desiring college credit must follow regular admissions and registration procedures and pay full tuition and fees.

CREDIT BY EXAM

Students may earn credit through the following examination programs: Challenge Examinations, Advanced Placement (AP), College Level Examination Program (CLEP) and International Baccalaureate (IB) Examination. Credit earned through these exams is not counted as in-residence credit.

CHALLENGE EXAMINATIONS

Students who feel that their experience or previous knowledge would enable them to successfully challenge (test out of) a course offered at SLCC may apply to take a challenge examination at the Testing and Placement Center. Challenge examinations may be taken at any time during the semester at $50 per class challenged, payable before taking the examination. Challenge examinations are not available in all classes. Students should not register for the class they plan to challenge. If the student has ever taken the class, they are ineligible to challenge it. This includes classes which have been audited, withdrawn or failed.

For challenge information, please contact the Testing and Placement Center at (801) 957-4500. Credits earned by challenge examinations do not contribute toward enrollment status for financial aid or veterans benefits.

Upon successful completion of the examination and other specified requirements, the course will appear on the student’s transcript.

TABLE 1: ADVANCED PLACEMENT EXAM CREDIT

<table>
<thead>
<tr>
<th>EXAM</th>
<th>SCORE</th>
<th>CR</th>
<th>COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>3</td>
<td>6</td>
<td>ARTH 2710 (3 cr.) + 3 cr. HU</td>
</tr>
<tr>
<td></td>
<td>4.5</td>
<td>6</td>
<td>ARTH 2710 (3 cr.) + ARTH 2720 (3 cr.)</td>
</tr>
<tr>
<td>Art Studio (AD)</td>
<td>3-4</td>
<td>6</td>
<td>6 cr. V/T elective***</td>
</tr>
<tr>
<td>Biology</td>
<td>3-5</td>
<td>6</td>
<td>BIOL 1010 (1015) (4 cr.) + 2 cr. GS elective</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>3</td>
<td>6*</td>
<td>MATH 1050 (4 cr.) + 2 cr. GS elective</td>
</tr>
<tr>
<td></td>
<td>4-5</td>
<td>8*</td>
<td>MATH 1050 (4 cr.) + MATH 1210 (4 cr.)</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>3</td>
<td>8*</td>
<td>MATH 1050 (4 cr.) + MATH 1210 (4 cr.)</td>
</tr>
<tr>
<td></td>
<td>4-5</td>
<td>8*</td>
<td>MATH 1210 (4 cr.) + MATH 1220 (4 cr.)</td>
</tr>
<tr>
<td>Calculus BC/AB Subscore</td>
<td>3</td>
<td>6</td>
<td>MATH 1050 (4 cr.) + 2 cr. GS elective</td>
</tr>
<tr>
<td>Chemistry</td>
<td>3</td>
<td>8*</td>
<td>CHEM 1010 (3 cr.) + CHEM 1210 (4 cr.) + CHEM 1215 (1 cr.)</td>
</tr>
<tr>
<td></td>
<td>4-5</td>
<td>8*</td>
<td>CHEM 1210 (4 cr.) + CHEM 1220 (4 cr.)</td>
</tr>
<tr>
<td>Chinese Language and Culture</td>
<td>TBD**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Science A</td>
<td>3</td>
<td>3</td>
<td>CS 1400 (3 cr.)</td>
</tr>
<tr>
<td></td>
<td>4-5</td>
<td>7</td>
<td>CS 1400 (3 cr.) + CS 1410 (4 cr.)</td>
</tr>
<tr>
<td>Computer Science A B</td>
<td>3</td>
<td>7</td>
<td>CS 1400 (3 cr.) + CS 1410 (4 cr.)</td>
</tr>
<tr>
<td></td>
<td>4-5</td>
<td>8</td>
<td>Waive CS 1400 for CS Majors CS 1410 (4 cr.) + CS 2420 (4 cr.)</td>
</tr>
<tr>
<td>Economics - Micro</td>
<td>3-5</td>
<td>3</td>
<td>ECON 2010 (3 cr.)</td>
</tr>
<tr>
<td>Economics - Macro</td>
<td>3-5</td>
<td>3</td>
<td>ECON 2020 (3 cr.)</td>
</tr>
<tr>
<td>English - Language and Composition</td>
<td>3-5</td>
<td>6*</td>
<td>ENGL 1010 (3 cr.) + 3 cr. GS elective</td>
</tr>
<tr>
<td>English - Literature and Composition</td>
<td>3-5</td>
<td>6*</td>
<td>ENGL 1010 (3 cr.) + ENGL 2600 (3 cr.)</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>3-5</td>
<td>3</td>
<td>ENVT 1010 (3 cr.)</td>
</tr>
<tr>
<td>European History</td>
<td>3-5</td>
<td>6</td>
<td>3 cr. SS + 3 cr. SS</td>
</tr>
<tr>
<td>Foreign Language (French, German, Spanish)</td>
<td>3-5</td>
<td>10</td>
<td>Language 1010 (5 cr.) + Language 1020 (5 cr.)</td>
</tr>
<tr>
<td>French Literature</td>
<td>3-5</td>
<td>6</td>
<td>6 cr. GS elective</td>
</tr>
<tr>
<td>Government &amp; Politics - Comparative</td>
<td>3-5</td>
<td>3</td>
<td>POLS 2200 (3 cr.)</td>
</tr>
<tr>
<td>Government &amp; Politics - US</td>
<td>3-5</td>
<td>3</td>
<td>POLS 1000 (3 cr.)</td>
</tr>
<tr>
<td>Human Geography</td>
<td>3-5</td>
<td>3</td>
<td>3 cr. GS elective</td>
</tr>
<tr>
<td>Italian Language and Culture</td>
<td>TBD**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Japanese Language and Culture</td>
<td>TBD**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latin Literature</td>
<td>TBD**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latin: Virgil</td>
<td>TBD**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Music Theory</td>
<td>3-5</td>
<td>6</td>
<td>6 cr. GS elective</td>
</tr>
<tr>
<td>Physics B</td>
<td>3</td>
<td>6*</td>
<td>PHYS 1010 (3 cr.) + 3 cr. PS</td>
</tr>
<tr>
<td></td>
<td>4-5</td>
<td>8*</td>
<td>PHYS 2010 (4 cr.) + PHYS 2020 (4 cr.)</td>
</tr>
<tr>
<td>Physics C Electricity/ Magnetism</td>
<td>3</td>
<td>3*</td>
<td>PHYS 1010 (5 cr.)</td>
</tr>
<tr>
<td></td>
<td>4-5</td>
<td>5*</td>
<td>PHYS 2010 (4 cr.) + PHYS 2025 (1 cr.)</td>
</tr>
<tr>
<td>Physics C Mechanical</td>
<td>3</td>
<td>3*</td>
<td>PHYS 1010 (5 cr.)</td>
</tr>
<tr>
<td></td>
<td>4-5</td>
<td>5*</td>
<td>PHYS 2010 (4 cr.) + PHYS 2015 (1 cr.)</td>
</tr>
<tr>
<td>Psychology</td>
<td>3-5</td>
<td>3</td>
<td>PSY 1010 (3 cr.)</td>
</tr>
<tr>
<td>Spanish Literature</td>
<td>3-5</td>
<td>6</td>
<td>6 cr. GS elective</td>
</tr>
<tr>
<td>Statistics</td>
<td>3-5</td>
<td>3</td>
<td>MATH 1040 (3 cr.)</td>
</tr>
<tr>
<td>U.S. History</td>
<td>3-5</td>
<td>6</td>
<td>HIST 1700 (5 cr.) + 3 cr. SS</td>
</tr>
<tr>
<td>World History</td>
<td>3-5</td>
<td>6</td>
<td>HIST 1500 (5 cr.) + HIST 1510 (3 cr.)</td>
</tr>
</tbody>
</table>

* Duplicate credit will not be awarded for the same course (eg. If both AP English exams are passed, ENGL 1010 credit will not be awarded twice). ** For the most current updates, please visit our website at www.slcc.edu/transcriptevaluation. AP Table available under FORMS. ***For specific art credit, a portfolio assessment will need to be arranged with the Visual Art & Design Dept. Chair.
with a ‘P’ grade. Challenge Exams are not considered “repeats” for other classes. Failed challenge exams will not be recorded on a student’s transcript. Credit earned by challenge exam is not counted as in-residence credit.

**NOTE:** Some colleges and universities may not accept as transfer credit a course in which a passing (P) grade has been earned.

### ADVANCED PLACEMENT EXAMINATIONS

Advanced Placement Exams are administered in the High School. High school students who achieve scores of 3, 4 or 5 on an AP examination may be awarded up to 10 hours of college credit for each examination completed, as shown in Table 1: ADVANCED PLACEMENT EXAM CREDIT.

SLCC will recognize Advanced Placement with credit only for those freshman-level areas which apply to the graduation requirements of the specific major and the established general education requirements for graduation from the chosen program.

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR</td>
<td>Credit</td>
</tr>
<tr>
<td>GS</td>
<td>General Studies</td>
</tr>
<tr>
<td>BS</td>
<td>Biological Science General</td>
</tr>
<tr>
<td>ELV</td>
<td>Elective</td>
</tr>
<tr>
<td>FA</td>
<td>Fine Arts General Education</td>
</tr>
<tr>
<td>HU</td>
<td>Humanities General Education</td>
</tr>
<tr>
<td>ID</td>
<td>Interdisciplinary General</td>
</tr>
<tr>
<td>PS</td>
<td>Physical Science General</td>
</tr>
<tr>
<td>SS</td>
<td>Social Science General Education</td>
</tr>
<tr>
<td>V/T</td>
<td>Vocational/Technical</td>
</tr>
</tbody>
</table>

### COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

CLEP is a national program of examination to evaluate and confirm the academic achievement of individuals who have reached a college level of education through either traditional or non-traditional means of study. SLCC awards credit only for the CLEP exams shown in Table 2: CLEP EXAM CREDIT. Additional CLEP tests can be taken at SLCC Testing and Placement Centers for the purpose of transferring to other institutions.

Credit is not awarded if duplicated by previous course work and credit is not given for the mathematics general examination. A non-refundable fee (per test) is required at or before the time of testing.

To maximize the granting of credit for foreign language and the transferability of the credit to other (state) institutions, students need to take the University of Utah or Brigham Young University language exam. CLEP language exams are not accepted.

The CLEP test is given by appointment only. For specific information regarding the CLEP test or to make an appointment, contact the Testing and Placement Center at (801) 957-4269.

### INTERNATIONAL BACCALAUREATE (IB) EXAMINATION CREDIT

Students who achieved scores of 5, 6, or 7 on Higher Level International Baccalaureate (IB) Examinations may be awarded up to eight semester hours of credit in each Higher Level examination or 30 semester hours of credit for the completion of the International Baccalaureate Diploma. General education requirements will be cleared for completion of the IB Diploma except in the areas of writing, American history, and mathematics. These areas can be cleared with a Higher Level exam. For more information about IB credit, call (801) 957-4738.

### TRANSFERRED CREDIT

**ATTENTION: MATRICULATED TRANSFER STUDENTS** - A matriculated student is one who is working toward the completion of a degree, diploma, and certificate of completion or with the intent to transfer.

Incoming Matriculated Transfer students may meet the Assessment Initiative with one of the following:

1. **Accuplacer Exam** - Visit an SLCC Testing and Placement Center to take the Accuplacer. The Accuplacer is currently administered daily on a walk-in basis at Taylorsville Redwood, South City, and Jordan Campuses. Call the Testing and Placement Center at (801) 957-4269 for additional information. SLCC will accept hand-delivered copies of prior test scores only if they are delivered to the SLCC Testing and Placement Center, unopened in the original envelope and bear the official school seal.

2. **Students who have an Associate of Arts/Science or Baccalaureate degree from a regionally accredited institution will be exempt from testing to meet the Assessment initiative. Students who require math or English placement will still need the Accuplacer to fulfill prerequisite requirements. An official transcript of degree must be provided to SLCC Enrollment Services.**

3. **Students who have completed both a course equivalent to Salt Lake Community College’s English composition requirement (ENGL 1010, 2010 or 2100) and a math course equivalent to Salt Lake Community College’s quantitative literacy requirement (MATH 1030, 1040 or 1050) or higher, will be exempt from testing, MATH 1010 may be used for exemption if it was completed within a year or it fulfills the quantitative studies requirement for the area of study you are pursuing at SLCC. Prerequisite grade restrictions apply.**

4. **ACT or SAT scores less than two years old may also be used to meet the assessment requirement. SLCC will accept hand-delivered copies of transcripts or test scores only if they are delivered to the Data Center unopened in the original envelope and bear the official school seal.**

---

**Table 2: CLEP Exam Credit**

<table>
<thead>
<tr>
<th>Exam</th>
<th>Score</th>
<th>CR</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Composition</td>
<td>50</td>
<td>6</td>
<td>ENGL 1010 (3 cr.) + 3 cr. GS elective</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>50</td>
<td>6</td>
<td>3 cr. PS + 3 cr. BS</td>
</tr>
<tr>
<td>Humanities</td>
<td>50</td>
<td>6</td>
<td>3 cr. FA + 3 cr. HU</td>
</tr>
<tr>
<td>Social Science/History</td>
<td>50</td>
<td>6</td>
<td>HIST 1700 (3 cr.) + 3 cr. SS</td>
</tr>
</tbody>
</table>
*Taking the Accuplacer is the swiftest option for most students.* Once you complete the exam, you are eligible to register within 1-2 business days. Options 2-4 may take up to 4-6 weeks for processing.

In addition, to take advantage of options 1 or 2 a student must apply for admission as a matriculated (degree seeking) student and then follow the steps listed below on transferring to SLCC.

**TRANSFER OF CREDIT FROM OTHER INSTITUTIONS TO SLCC**

Students may be able to get credit for courses taken from other colleges or universities within the United States. To take advantage of this, a student must apply for admission as a matriculated (degree seeking) student and then follow these steps:

1. Request that official copies of transcripts be sent directly to SLCC from each former institution. SLCC can accept hand-delivered copies only if they are delivered unopened in the original envelope and bear the official school seal. SLCC does not request transcripts from prior institution.
   
   To print out a form to request transcripts from your prior institution(s): www.slcc.edu/transcriptevaluation/docs/Transfer_Credits_To_SLCC_Form.pdf.

2. Fill out a Request for Evaluation of Transfer Credits at Salt Lake Community College's Enrollment Services. These forms are available on the website at www.slcc.edu/transcriptevaluation. A Request for Evaluation form is not needed for each individual transcript. **Please submit form ONLY once.** The Incoming Transcript Office will notify students if clarification or an additional form is required.

3. An evaluation of the credit will begin as soon as step 1 and step 2 are complete. Evaluations are completed on a first-come, first-served basis. Depending on the volume of requests, a transfer evaluation may take 2-4 weeks to complete. Please allow 4-6 weeks for an evaluation of your transcript from an out-of-state institution. Evaluations may take longer during peak periods.

*Mailing Address for Transcripts:*

Salt Lake Community College
Enrollment Services
P.O. Box 30808
Salt Lake City, Utah 84130-0808

Enrollment Services evaluates general education credit. If transcripts also contain credit related to a major, Enrollment Services will forward them to the appropriate academic department for further evaluation.

Based on Regent's policy R470-7, **Transfer of Credit Policy 7.1.2. Transfer of Completed General Education Credits through Program Completion** - An AA or an AS degree earned at any USHE institution will meet the General Education requirements of any other USHE institution. If a student has completed all institutional General Education requirements, a Letter of Completion issued by the sending institution that confirms such General Education completion should be accepted by the receiving USHE institution.

Degrees from non-USHE institutions will be subject to individual course evaluation for general education unless a prior agreement exists.

All credit accepted will be recorded on the SLCC transcript and email notification will be sent to the student. Once transfer credit is posted to a student transcript, it cannot be removed; however, credits may need to be updated if the initial evaluation credits were not applied toward a degree within two years.

---

**SLCC AWARDS TRANSFER CREDIT FOR COLLEGE CLASSES WHICH MEET THE FOLLOWING CRITERIA:**

1. **Classes were taken for credit at a regionally accredited college or university (exceptions to this rule are sometimes made by specific academic programs for credit applied to a major).**

2. **Individual classes with a grade of C- or higher, except in cases where a grade of C or higher is required at SLCC as a prerequisite.**

3. **Classes were college level (rather than remedial or developmental; at Utah institutions this usually means numbered 1000 or above).**

4. **Classes are designated as “general education” by the issuing institution or by SLCC, or meet a requirement for graduation in the student’s SLCC program.**

5. **Courses taken more than 10 years ago may only transfer as elective credit, rather than specific course credit.**

6. **To be eligible for graduation from SLCC, students must take 25% of required credits directly from Salt Lake Community College.**

Credit is awarded based on course equivalency at the time credit is transferred. Transfer course articulations are subject to change. Courses accepted for transfer will be awarded the same number of credit hours given for equivalent SLCC courses. If SLCC has no equivalent course, the transferred course will be awarded its original number of credit hours (based on a semester system). Transcripts are kept on file at Enrollment Services for one year. After one year, students requesting additional evaluation may be asked to submit new transcripts. Evaluations that were not applied toward a degree within two years from date of evaluation may be subject to a re-evaluation.

**TRANSFER OF CREDIT FROM SLCC TO OTHER INSTITUTIONS**

SLCC is accredited by the Commission on Colleges of the Northwest Association of Schools and Colleges (1130 NE 33rd Place, Suite 120, Bellevue, WA 98004), an institutional accrediting body recognized by the Council for Higher Education Accreditation and/or the U.S. Department of Education.

SLCC credit from college level courses (numbered 1000 or above) is accepted by most colleges and universities in the United States. Utah's public colleges and universities have established transfer of credit policies that outline how credit will transfer within the state system. SLCC courses numbered 1000 or above are accepted as general elective, general education or major credit by Utah's public colleges and universities. Most private and out-of-state institutions also accept SLCC courses numbered 1000 and above; however, there may be exceptions. **Students should check with the institution to which they plan to transfer to determine exactly how SLCC credit will be accepted and applied to degree programs.**

SLCC offers the Associate of Science and the Associate of Arts degrees that provide the first two years of college for most baccalaureate degree programs. Students who earn SLCC’s AS or
AA degree will be considered as having satisfied all of the lower division general education requirements for a bachelor's degree at Utah's public colleges and universities. (This policy does not apply to the Associate of Applied Science, AAS, or the Associate of Pre-Engineering, APE, because these degrees do not contain all of the general education requirements.)

Students who complete all general education requirements, but not the entire AS or AA degree, will also be considered as having completed the lower division general education requirements for a bachelor's degree by Utah's public colleges and universities. In this instance, students should request a “Letter of General Education Completion” from the SLCC Graduation Office to be sent with their official transcript to the institution to which they intend to transfer. See page 23 for more information.

Students can begin lower division requirements for most baccalaureate majors at SLCC. SLCC offers the AS and AA degree in more than 40 different program areas. Many major courses have been “articulated” or equated to similar courses at the four-year institutions in Utah. Students should consult an advisor or the academic department to select appropriate courses that apply to their major program or study at the institution to which they plan to transfer.

Completion of a transfer degree does not guarantee automatic acceptance into any specific major at other colleges and universities; some four-year major programs are restricted and require special application as well as a competitive GPA. On-going planning is essential!

Most of the private institutions in Utah, including BYU, Columbia College of Missouri, Westminster College, and University of Phoenix have similar policies regarding the transfer of credit.completion of a transfer degree does not guarantee automatic acceptance into any specific major at other colleges and universities; some four-year major programs are restricted and require special application as well as a competitive GPA. On-going planning is essential!

Most of the private institutions in Utah, including BYU, Columbia College of Missouri, Westminster College, and University of Phoenix have similar policies regarding the transfer of credit. However, there are a few exceptions that should be reviewed with an advisor before enrolling in courses.

| NOTE: Some programs such as business and engineering have particular general education requirements that should be investigated before selecting general education courses. |

TRANSFER AND ARTICULATION AGREEMENTS

SLCC has established specific transfer and articulation agreements with the following Utah System of Higher Education (USHE) institutions and a variety of other private, public, and out-of-state institutions.

These agreements outline how general education and major-related courses transfer from SLCC to the following institutions:

<table>
<thead>
<tr>
<th>UTAH SYSTEM OF HIGHER EDUCATION INSTITUTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIXIE STATE COLLEGE</td>
</tr>
<tr>
<td>SOUTHERN UTAH UNIVERSITY</td>
</tr>
<tr>
<td>UNIVERSITY OF UTAH</td>
</tr>
<tr>
<td>UTAH STATE UNIVERSITY</td>
</tr>
<tr>
<td>UTAH VALLEY UNIVERSITY</td>
</tr>
<tr>
<td>WEBER STATE UNIVERSITY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PRIVATE AND OUT-OF-STATE SCHOOLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARGOSY UNIVERSITY</td>
</tr>
<tr>
<td>BRIGHAM YOUNG UNIVERSITY</td>
</tr>
<tr>
<td>BYU HAWAII</td>
</tr>
<tr>
<td>BYU IDAHO</td>
</tr>
<tr>
<td>CALIFORNIA STATE UNIVERSITY, BAKERSFIELD</td>
</tr>
<tr>
<td>COLUMBIA COLLEGE OF MISSOURI</td>
</tr>
<tr>
<td>EMBRY-RIDDLE AERONAUTICAL UNIVERSITY</td>
</tr>
<tr>
<td>FRANKLIN UNIVERSITY (VIA INTERNET)</td>
</tr>
<tr>
<td>KAPLAN UNIVERSITY</td>
</tr>
<tr>
<td>PALMER COLLEGE OF CHIROPRACTIC</td>
</tr>
</tbody>
</table>

SLCC continues to investigate articulation agreements with other higher education institutions. For information about articulation, contact the Transfer Center in Academic and Career Advising - (801) 957-4978. SLCC also facilitates a number of four-year degree and masters programs on SLCC campuses. For more information about these programs, see University Center in the Services and Resources for Students section of this catalog.

TRANSFER TIPS

START EARLY TO PLAN A TRANSFER!

MEET WITH YOUR SLCC ACADEMIC ADVISOR...

Upper division general education and major requirements for the baccalaureate degree at the four-year institution.

UNDECIDED? VISIT THE CAREER LIBRARY...

to explore major and career interests. Use the web to investigate other colleges and universities. Attend a Career Clues workshop and the Career/Major Fair.

CONTACT ADVISING...

and the academic department at the college or university to which transfer is planned; obtain application material, deadlines and major requirements.

ATTEND TRANSFER ACTIVITIES...

scheduled by SLCC's Academic and Career Advising every semester which include college information tables, transfer workshops, major orientations, and campus visits. Transfer events are publicized in MyPage announcements and www.slcc.edu/transfercenter.

USE ARTICULATION AGREEMENTS...

major sheets and catalogs at the Advising Office (and on the web) to plan course selection and transfer timeline.

Completion of a transfer degree does not guarantee automatic acceptance into any specific major at other colleges and universities; some four-year major programs are restricted and require special application as well as a competitive GPA.

WHEN TRANSFERRING OUT OF STATE...

get in touch with the colleges or universities to find out about their transfer of credit policies. Although SLCC's college-level credits will typically be accepted by most out-of-state institutions, there is no guarantee that they will meet specific general education or major requirements. Students are advised to keep the syllabus from each SLCC course for possible review of credit by an out-of-state school.

GRADUATE PROGRAMS

Grades for the previous term are available approximately 5 days after the term has ended by logging in to MyPage, mypage.slcc.edu. Select the “Student” tab and follow the instructions to retrieve grades.

GRADING POLICIES

Students must complete, by the end of the term, all courses for which they register. Students will be awarded letter grades with quality points used in GPA computation for work undertaken at SLCC.
PERFORMANCE IS GRADED AS FOLLOWS:

<table>
<thead>
<tr>
<th>GRADE</th>
<th>PTS.</th>
<th>QUALITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
<td>SUPERIOR GRADE</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
<td></td>
</tr>
<tr>
<td>B+</td>
<td>3.4</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
<td>ABOVE AVERAGE GRADE</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
<td></td>
</tr>
<tr>
<td>C+</td>
<td>2.4</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
<td>AVERAGE GRADE</td>
</tr>
<tr>
<td>C-</td>
<td>1.7†</td>
<td></td>
</tr>
<tr>
<td>D+</td>
<td>1.4</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>D-</td>
<td>0.7</td>
<td>LOWEST PASSING GRADE</td>
</tr>
<tr>
<td>E</td>
<td>0.0**</td>
<td>FAILING GRADE</td>
</tr>
</tbody>
</table>

* C- or lower is unacceptable in classes requiring a grade of C or better.
** All E grades are designated with the last date of attendance.

NOT USED IN GPA COMPUTATION ARE:

<table>
<thead>
<tr>
<th>GRADE</th>
<th>DESIGNATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>WITHDRAWAL†</td>
</tr>
<tr>
<td>P</td>
<td>PASSING GRADE</td>
</tr>
<tr>
<td>I</td>
<td>INCOMPLETE GRADE²</td>
</tr>
<tr>
<td>AU</td>
<td>AUDIT</td>
</tr>
<tr>
<td>EX</td>
<td>EXTENSION³</td>
</tr>
</tbody>
</table>

† Withdrawal from class after the third week of the semester or 20% of the term. Not calculated in GPA.

² The following conditions apply to incomplete (I) grades:
- Incomplete grades may be given by instructors to students who cannot continue in class because of circumstances beyond their control (such as serious illness, death in the family, or change of employment) with proper documentation;
- Student must be passing the course at the time of incomplete grade request;
- A substantial portion of a course must be completed before an incomplete is given;
- Upon receiving an ‘I’ grade, the student must work directly with the instructor to create a contract for completing the classwork. The contract should specify (a) required work to be completed and/or tests to be taken, and (b) time allowed for requirements to be completed; time may not exceed one year from the time the ‘I’ grade was received.
- Student should not re-register for the class, but should work directly with the instructor to complete the contract.
- The student who fails to fulfill the contract within one year of when the ‘I’ was received will (a) have their ‘I’ grade changed to the grade of ‘E’ (failing), and (b) be required to retake the class in order to receive credit. An incomplete must be resolved before the student will be permitted to register for the same course again.

³ EX grades are allowed only in open-entry classes. In order to complete the course, the student must re-register for the class and pay applicable tuition and fees. All coursework for EX grades must be completed within one year.

ATTENDANCE
Regular and prompt attendance is expected at all classes. Regular attendance and consistent study habits are necessary for success in college. Faculty members have the prerogative of lowering grades for excessive absence.

REPEAT COURSES
Students may repeat a course in which low grades are received. After completion of the repeated course, students complete a Repeated Course form through Enrollment Services. The original grade remains on the academic record. The highest grade received in the course will be used to calculate the student’s cumulative GPA. Courses completed at other institutions may be marked as repeated courses if the courses are accepted as transfer credit at Salt Lake Community College. Only one repeated class of the same course may be included in total credit hours earned for graduation purposes.

SCHOOL OF APPLIED TECHNOLOGY COMPETENCY GRADING

Evaluation of student progress for School of Applied Technology courses and programs is based on proficiency. See the School of Applied Technology section of this catalog for the School of Applied Technology Satisfactory Progress Policy.

School of Applied Technology transcripts list the competency for the course with a P for proficient or an E for failure to meet proficiency. See the School of Applied Technology section of this catalog for the School of Applied Technology Satisfactory Progress Policy.

ACADEMIC STANDARDS POLICY

The SLCC Academic Standards Policy exists to help you reach your academic potential and maintain an expected level of academic performance at the institution. Academic and Career Advisors and faculty members are available to review the obstacles in your education and recommend strategies for success. If you would like to learn about the resources available for you, please set up an appointment with an Advisor by calling (801) 957-4978 and/or visit our web page: www.slcc.edu/academicstandards.

The following guidelines are in place to assist students in academic jeopardy:

1.* Academic Notification - Students whose term grade point average (GPA) falls below a 2.0 while their cumulative GPA is 2.0 or higher will be put on Academic Notification. Students will be notified by email of their status, encouraged to read the Academic Standards Policy, and made aware of the learning support and tutoring resources available at SLCC.

2.* Academic Alert - Students with 14 or less credits whose term and cumulative GPA fall below 2.0 will be placed on Academic Alert. Students will be notified by email and online of their status, encouraged to read the Academic Standards Policy, and made aware of the learning support and tutoring resources available at SLCC.

3.* Academic Warning - Students with 15 or more credits whose term and cumulative GPA fall below 2.0 for the first time will be placed on Academic Warning. Students will be notified by mail and email that they have been placed on Academic Warning. Registration restrictions will be placed on these students’ records. Students will not be able to register until they meet with an academic advisor, or complete a workshop when available online or on campus.
4. *Continued Warning* - After being placed on Academic Warning, students whose subsequent term GPA rises above a 2.0 while their cumulative GPA is still below a 2.0 will be on Continued Warning. No registration restriction will be placed on their record. These students will be sent a letter acknowledging their improvement and encouraging them to keep up the good work.

5. *Conditional Enrollment* - The second time that students’ term and cumulative GPA fall below a 2.0, with 15 or more credits, they will be placed on Conditional Enrollment. Students will be notified by mail and email that they have been placed on Conditional Enrollment. Registration restrictions will be placed on these students’ records. Students will not be able to register until they meet with an academic advisor in order to create a follow-up plan, identify obstacles and discuss strategies to assist them with their academic success.

6. *Continued Conditional Enrollment* - After being on Conditional Enrollment, students’ whose subsequent term GPA rises above 2.0 or above while their cumulative GPA is still below a 2.0 will be on Continued Conditional Enrollment.

No registration restriction will be placed on their record. They will be sent a letter acknowledging their improvement and encouraging them to keep up the good work.

7. *Academic Probation* - The third time that students’ term and cumulative GPA fall below a 2.0 they will be placed on Academic Probation. Students will be notified by mail and email that they have been placed on Academic Probation. Registration restrictions will be placed on these students’ records. Students will not be able to register until they complete an appeal process. They will need to fill out an appeal form with their academic advisor. The appeal form will include their name, address, proposed class schedule and proposed work schedule. Students will also need to write a statement indicating what they will change in order to ensure academic success.

The Academic Success Committee will review all appeals. The Committee will consist of the Academic Standards Advisor, the student’s advisor, and a faculty member. The Committee will determine the conditions of attendance (i.e. restricted hours, class requirements, term suspension, etc.).

8. *Continued Probation* - Should students’ subsequent term GPA rise above a 2.0 while their cumulative GPA is still below a 2.0, they will be on Continued Probation. No registration restriction will be placed on their record. They will be sent a letter acknowledging their improvement and encouraging them to keep up the good work.

*The academic standing of students will be posted online to their SLCC unofficial academic transcript. It will not appear on the official transcript.*

**PRESIDENT’S LIST, DEAN’S LIST AND HONORS GRADUATES**

To qualify for the semester Dean’s List, students must earn a 3.5 grade-point average in 15 or more credits. To qualify for the semester President’s list, students must earn a 3.8 grade-point average in 15 or more credits. Students who complete coursework with a cumulative grade-point average between 3.5 and 3.79 will be awarded Honors at graduation. Students who complete coursework with a cumulative grade-point average of 3.8 or above will be awarded High Honors at graduation.

**TUITION AND FEES**

Important deadlines for undergraduate (UG) registration and payment of undergraduate (UG) tuition/fees will be published each semester in Class Schedules. Tuition and fees rates for the 2010-2011 academic year are as follows:

<table>
<thead>
<tr>
<th>CREDIT HOURS</th>
<th>RESIDENT TUITION/FEE</th>
<th>APPRENTICESHIPS NON-RESIDENT TUITION/FEE</th>
<th>TUITION/FEE BY CLASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>158.00</td>
<td>418.00</td>
<td>92.00</td>
</tr>
<tr>
<td>2</td>
<td>280.00</td>
<td>800.00</td>
<td>145.00</td>
</tr>
<tr>
<td>3</td>
<td>402.00</td>
<td>1,182.00</td>
<td>198.00</td>
</tr>
<tr>
<td>4</td>
<td>524.00</td>
<td>1,584.00</td>
<td>251.00</td>
</tr>
<tr>
<td>5</td>
<td>646.00</td>
<td>1,944.00</td>
<td>304.00</td>
</tr>
<tr>
<td>6</td>
<td>768.00</td>
<td>2,328.00</td>
<td>357.00</td>
</tr>
<tr>
<td>7</td>
<td>890.00</td>
<td>2,710.00</td>
<td>410.00</td>
</tr>
<tr>
<td>8</td>
<td>1,012.00</td>
<td>3,092.00</td>
<td>463.00</td>
</tr>
<tr>
<td>9</td>
<td>1,134.00</td>
<td>3,474.00</td>
<td>516.00</td>
</tr>
<tr>
<td>10</td>
<td>1,256.00</td>
<td>3,856.00</td>
<td>569.00</td>
</tr>
<tr>
<td>11</td>
<td>1,361.00</td>
<td>4,221.00</td>
<td>622.00</td>
</tr>
<tr>
<td>12-18</td>
<td>1,466.00</td>
<td>4,586.00</td>
<td>675.00</td>
</tr>
<tr>
<td>19</td>
<td>1,571.00</td>
<td>4,951.00</td>
<td>728.00</td>
</tr>
<tr>
<td>20</td>
<td>1,676.00</td>
<td>5,316.00</td>
<td>781.00</td>
</tr>
<tr>
<td>21</td>
<td>1,781.00</td>
<td>5,681.00</td>
<td>834.00</td>
</tr>
<tr>
<td>22</td>
<td>1,886.00</td>
<td>6,046.00</td>
<td>887.00</td>
</tr>
<tr>
<td>23</td>
<td>1,991.00</td>
<td>6,411.00</td>
<td>940.00</td>
</tr>
<tr>
<td>24</td>
<td>2,096.00</td>
<td>6,776.00</td>
<td>993.00</td>
</tr>
<tr>
<td>25</td>
<td>2,201.00</td>
<td>7,114.00</td>
<td>1,046.00</td>
</tr>
</tbody>
</table>

Approval for more than 20 credit hours must be obtained from the appropriate division chairperson. Each credit hour in excess of 21 is charged an additional tuition rate of $105.00 per resident credit hour, $365.00 per non-resident credit hour, and $73.00 per apprenticeship credit hour. For summer term only, all undergraduate (UG) students are charged tuition at the resident tuition rate regardless of residency status.

**NOTES:**

A $50 Late Payment Fee will be charged after payment deadline to all students with unpaid Tuition and Fees.

- Some courses will have laboratory or special fees attached. See current class schedule for specific information.
- International students are charged an additional $40 administrative fee per term.

**SCHOOL OF APPLIED TECHNOLOGY COSTS AND FEES**

For Utah residents, costs for most School of Applied Technology courses and programs are $1.75 per clock hour of instruction, which does not include student fees. Books and supplies are separate and are subject to change.

See a School of Applied Technology advisor for total program costs or the School of Applied Technology section of this catalog.

**RESIDENT FEES**

**DISCLOSURE OF HIGHER EDUCATION COST AS PER THE PROVISIONS OF HOUSE BILL 248**

Full-time resident students at Salt Lake Community College paying a semester tuition and fee amount of $1,466 contribute an estimated 5% to the full cost of instruction per full-time student of $2,757. The remaining support for the full cost of instruction is provided by $1,291 state tax funds and $0 of other institutional revenue sources.
NON-RESIDENT FEES
Non-residents of Utah are required to pay non-resident fees. Living in Utah merely to attend SLCC does not constitute
resident classification. To qualify as a resident, an adult must present objective evidence of intent to become a permanent
resident of Utah and abandon residence elsewhere.

The Utah Legislature passed HB 144, November 2002, which
amends the Tuition Waiver Policy. The revised policy exempts
certain students without lawful immigration status from pay-
ing the non-resident portion of total tuition. To be eligible for
exemption, the student must meet specified requirements in-
cluding having attended a Utah High School for three years and
having earned a diploma or equivalent in Utah.

An Application for Resident Classification and a pamphlet out-
lining the rules and regulations that determine resident status are
available from Enrollment Services offices or online at
www.slcc.edu/enrollmentservices. At the time application for
admission is made, students are classified as either resident or
non-resident. Under certain circumstances, classification as non-
resident may be appealed. For more information about the appeal
process, call Enrollment Services at (801) 957-4298.

PAYMENT OF TUITION AND FEES
Tuition and student fees are established by the Utah State Board
of Regents and are subject to change without notice. Twelve
credit hours per semester constitute a full load for tuition pur-
poses. Registration is complete only when tuition and fees are
paid in full.

TUITION IS DUE
AT THE BEGINNING OF EACH SEMESTER

Payment must be received by deadlines published in the class
schedule to avoid the S po Late Fee. Students may review their
accounts at any time online at mypage.slcc.edu. Monthly billing
statements are mailed, or may be sent electronically to students
SLCC email address.

NOTE: SLCC reserves the right to place financial holds on registration,
grades, transcripts, and graduation for any student owing the College
money or who has had a check dishonored. Students may not register if
money is owed.

CHECK/SAVING ACCOUNT PAYMENTS
SLCC accepts bank-imprinted checks only; no two-party or
counter checks. Checks must be RECEIVED in a Cashiering
Office by the payment deadline. Checks should be written for
the exact amount due and include the student's Social Security
number or College ID number on the front. A minimum $20
service fee is charged on all returned checks (see DISHONORED
CHECKS below).

• ONLINE
  - Log onto MyPage
  - Click on STUDENT tab
  - Verify account balance due
  - Click on MAKE A PAYMENT HERE to pay the
    balance owed
  - Select the TERM, then click on SUBMIT
  - Proceed as instructed

• MAIL
  SALT LAKE COMMUNITY COLLEGE
  CASHIER SERVICES
  PO. BOX 30808
  SALT LAKE CITY, UT 84130-0808

• DROPBOX
  Tuition Drop boxes are available at Taylorsville Redwood,
  South City, Jordan, and Miller Campuses. No cash.

• IN PERSON
  Cashier offices are located at Taylorsville Redwood, South
  City, Jordan, and Miller Campuses. Pay tuition and fees for
  admission applications, transcripts, and graduation
  applications at any Cashier window during posted hours.
  Extended hours for services are available at Cashier Express,
  Monday through Thursday until 8:00 p.m. Cashier Express
  is located on the second level of the Student Center at the
  Taylorsville Redwood Campus.

CREDIT/DEBIT CARD PAYMENTS
SLCC accepts Visa and Visa Debit card, Mastercard, Mastercard
Debit card, Discover and American Express.

Verify the accuracy of the tuition and fees charges on your stu-
dent account through the Internet at MyPage, mypage.slcc.edu.

• ONLINE
  - Log onto MyPage
  - Click on STUDENT tab
  - In the STUDENT PORTAL/TUITION PAYMENT
    OPTIONS section click MAKE A PAYMENT HERE
    to pay your balance owed on your account.
  - Select the TERM. Click on SUBMIT.
  - Proceed as instructed

• TELEPHONE
  Call a cashier at Tuition Express (801) 957-3914 with a
  credit or Debit/Credit card Monday through Friday, 8 a.m.
  until 4:30 p.m.

Credit card payments can also be made in-person at any Cashier
Office. To be valid, all credit cards must be signed when pre-
sented in person.

CASH PAYMENTS
Cash payments must be made in person at any Cashier Office.
DO NOT mail or use drop boxes for CASH payments.

INSTALLMENT PLAN
Students who need more time to pay their tuition in full should
consider signing up for the Semester Tuition Installment Loan
(STIL) which requires a non-refundable $30.00 application fee.
After the application and first installment, additional install-
ments are due by the 10th of the month. There are four install-
ments for Spring Semester (January, February, March and April),
three installments for Summer Semester (May, June, July), and
four installments for Fall Semester (August, September, October,
November). Apply online at mypage.slcc.edu.

SPONSORED STUDENTS
Students whose tuition and fees are to be paid by another organi-
ation or agency (other than Financial Aid awards) will have their
vouchers processed by the Accounts Receivable Office. Vouchers
may be faxed to (801) 957-5747. Sponsored students are respon-
sible for coordinating that their account is paid in full prior to the
tuition due date. Verification can be made by going to MyPage or
visiting a cashier location. Late fees may be applied to accounts
with unpaid tuition balances.

FINANCIAL AID PAYMENTS
Classes are automatically held if students have been offered
Financial Aid awards. Classes cannot be held for Financial Aid
applicants who have not been offered an award. A pending Fi-
Financial Aid award, does not remove a student’s obligation to pay tuition and fees by the published deadline. Financial Aid awards that are insufficient to cover tuition and fees may result in an unpaid balance on the student account. Late Fees may apply.

**DISHONORED CHECKS**

Dishonored checks are paid at the Cashier Offices. Students are charged a minimum $20.00 fee per check for checks paid within 15 days. After 15 days, fees are increased. If tuition remains unpaid due to a dishonored check, a $50.00 Late Fee may be added to a student account in addition to other fees. A HOLD is placed on the student’s records, which can only be removed by the Student Loans and Receivables Department. The student will not be entitled: 1) to receive an official copy of grades, transcripts, or diplomas; or 2) to pick up checks disbursed by SLCC—which may include but is not limited to tuition refunds and payroll checks—until the amount due has been paid to the College or otherwise satisfied. Collection of dishonored checks may involve legal prosecution and recovery of legal costs if necessary.

Checks will not be accepted from students who have not resolved dishonored checks on their accounts. Students who have settled past dishonored checks may have check privileges reinstated, unless they have three or more dishonored checks.

**COLLECTION POLICY**

SLCC pursues all financial obligations to the fullest extent of the law. This includes but is not limited to: HOLDs on registration, transcripts, grades, and graduation; liens against State of Utah tax refunds; referrals to collection agencies; and litigation. Any fee or financial obligation, if not paid when due, is subject to interest, collection and/or attorney fees.

**DROPS/WITHDRAWALS**

If a student decides not to remain enrolled in a class, it is the student’s responsibility to drop or withdraw from the class. Failure to officially drop classes not attended will result in failing grades and forfeiture of tuition due the College. Failure to officially drop may lead to enforcement of the college collection policy (see above.)

**STUDENTS ARE REQUIRED TO PAY FOR ALL CLASSES THAT THEY DO NOT OFFICIALLY DROP**

If the student withdraws after the last published date to drop, the action is considered a ‘withdrawal’ and no adjustment of tuition will be made.

If the student drops a class on or before the last published date to drop, the action is considered a ‘drop’ and the student is entitled to an adjustment or refund of tuition:

1. When a student officially drops classes, adjustments are based on the drop date regardless of class attendance. Refunds/adjustments for students, who were awarded Financial Aid, will go to Title IV federal programs first (Pell, Stafford, Perkins, SEOG).

2. Application fees are non-refundable.

3. STIL fees are non-refundable.

**REFUNDS**

Cashier Services begins processing of refund after the last day to drop classes for each term. If a student paid for tuition by cash or check, refunds are deposited electronically to student’s bank account if student is enrolled in direct deposit. Refund checks are mailed to the student’s local address. Students are responsible for maintaining a current address with Salt Lake Community College. Contact the Data Center at (801) 957-4209 or (801) 957-4283 to make address changes.

Payments made on-line will be credited to the original card. In person, credit payments will be refunded with a check to the cardholder unless otherwise requested. Call the Cashier Office at (801) 957-4868 Option 6 for more information.

Refund/adjustment schedule for classes that follow regular semester beginning and ending dates:

**SCHOOL OF APPLIED TECHNOLOGY WITHDRAWAL/REFUNDS**

For information on withdrawing and refunds for School of Applied Technology courses and programs, see the School of Applied Technology section of this catalog.

<table>
<thead>
<tr>
<th>REFUND/ADJUSTMENT PERIOD</th>
<th>PERCENT ADJUSTMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Through 21st calendar day of semester</td>
<td>100%</td>
</tr>
<tr>
<td>After 21st calendar day</td>
<td>No Refund/Adjustment</td>
</tr>
</tbody>
</table>

Adjustment schedule for classes with beginning or ending dates that do not correspond with regular semester beginning or ending dates:

<table>
<thead>
<tr>
<th>REFUND/ADJUSTMENT PERIOD</th>
<th>PERCENT ADJUSTMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Through 20 percent of class taught</td>
<td>100%</td>
</tr>
<tr>
<td>Over 20 percent of class taught</td>
<td>No Refund/Adjustment</td>
</tr>
</tbody>
</table>

**NOTE:** Appeals regarding the adjustment of tuition and fees should be made in writing to Enrollment Services.

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**FINANCIAL AID AND SCHOLARSHIPS**

Financial aid applications are available online at www.slcc.edu/financialaid and from Student Services at Taylorsville Redwood, South City and Jordan Campus.

Please be aware that not all programs offered at SLCC are eligible for financial aid. Please check with the Financial Aid Office to determine if your program is eligible.

**OVERVIEW**

All students are encouraged to apply for financial aid. Many students are surprised to discover they are eligible for some type of financial assistance. Students should apply as early as possible for financial aid as the process can take several weeks to complete. The application process for financial aid can be started before applying for admission, but financial aid is only awarded to admitted students.

Students typically receive one or more of the following types of aid:

**FEDERAL AND STATE AID**

Federal and state aid programs are need-based and are given to students who have a demonstrated need for funds to pay for college-related costs (including housing, food, tuition, etc.). When the student and his/her family have available resources which are estimated to be less than these educational costs, financial aid may be awarded to fill the gap, which is referred to as unmet need.

The determination of unmet need is made based on the results of the Free Application for Federal Student Aid (FAFSA). The form can be completed on the web at www.fafsa.ed.gov. Although the form is available January 1, it
is best to wait until income tax forms for the previous year have been completed, since some questions on the FAFSA require income and tax information from the tax forms.

**MERIT-BASED AID (SCHOLARSHIPS AND TUITION WAIVERS)**

A number of College-sponsored and private scholarships are available each year. Applications for these are available on the SLCC Financial Aid web page early each year—usually in January—for the next academic year. Many of the College scholarships are tuition waivers; these are not cash scholarships, but students who receive them can have their tuition charges (not fees) waived. Students usually need to enroll for at least nine credit hours per semester to be eligible for tuition waivers. There are several different kinds of waivers. Some are awarded on merit alone, while others are given to students based on both merit and need. Some require full-time (12 credit hours or more) enrollment.

Scholarships donated by private donors or organizations award money which can be used to pay tuition. Students should fill out applications for any of the scholarships for which they might be eligible.

**OTHER SOURCES**

Want to look for other scholarship possibilities? Check out websites for listings of scholarships available from numerous national and international sources. One of the best is www.fastweb.com—the best part: it’s FREE! Scholarship search organizations that charge a fee for supplying scholarship information may or may not be helpful, so we recommend students try all the free sources first.

**MAJOR TYPES OF FINANCIAL ASSISTANCE**

**GRANTS**

Grants are gifts of money which do not have to be repaid. Students must show a significant amount of financial need to qualify for grants and also must maintain satisfactory academic progress. The five major grants awarded by SLCC follow:

1. **FEDERAL PELL GRANT** - Available to undergraduate students with financial need

   **AMOUNT**: Ranges from $976 to $5,550 depending on degree of need, cost of education and congressional funding level.

2. **FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (FSEOG)** - Available to undergraduate students with financial need who are Pell eligible. Limited to those with highest need.

   **AMOUNT**: Range is $100 to $1,000, dependent upon funds available and degree of need.

3. **LEVERAGING EDUCATIONAL ASSISTANCE PARTNERSHIP PROGRAM (LEAP)** - Available to Utah resident undergraduates who demonstrate financial need.

   **AMOUNT**: $100 to $1,000, dependent upon funds available and degree of need.

4. **UTAH EDUCATIONALLY DISADVANTAGED GRANT (UEG)** - Available to Utah resident undergraduates who demonstrate exceptional financial need and are educationally disadvantaged. Funding provided by the state.

   **AMOUNT**: Range is $100 to $1,000, dependent upon funds available and degree of need.

5. **UTAH CENTENNIAL OPPORTUNITY PROGRAM FOR EDUCATION (UCOPE)** - Available to Utah residents demonstrating financial need. Funding contingent on Utah Legislature.

   **AMOUNT**: $100 to $1,000 dependent upon need and funds available.

**LOANS**

Federal (Title IV) loan programs assist students with their educational expenses now and are repaid when the student is no longer attending or enrolled at least half-time (at least 6 credit hours). The College participates in three loan programs: Federal Perkins Loan, Direct Stafford Loan and Direct PLUS Loan. In addition to these Federal loan programs, SLCC provides a short term emergency loan fund. By institutional policy, loans are not normally offered for terms that have already been completed.

1. **FEDERAL PERKINS LOAN**

   Available to students with demonstrated financial need.

   **AMOUNT**: Maximum of $8,000 at SLCC and maximum annual limit of $4,000.

   **REPAYMENT**: Under certain conditions, repayment may be deferred or partially/fully canceled. The Collections Office will supply details to all borrowers or other interested students. Repayment begins nine months after leaving school or dropping to less than half-time status. The minimum repayment is $40 per month. Payments may be higher depending upon total amount borrowed. The maximum time allowed for repayment is 10 years, not counting periods of deferment. The interest rate on Perkins Loans is fixed at 5%. Perkins borrowers must have an annual loan counseling interview and an exit conference to receive these loans and must request loans through a separate institutional loan request.

2. **FEDERAL DIRECT STUDENT LOAN (SUBSIDIZED)**

   The Direct Student Loan (SUBSIDIZED) is available to students with demonstrated financial need. The loan funds come directly from the federal Government. Funds are repaid through a loan servicer.

   **AMOUNT**: For students who have completed the first 30 hours of their academic program, the maximum that can be borrowed is $3,500 per year. Students who have successfully completed 31 or more hours of their academic program may borrow up to $4,500 during a subsequent year. The increased borrowing limit for a subsequent year applies ONLY if the remaining portion of the student’s program is one year or more. The lifetime borrowing limit for an undergraduate is $23,000. As a rule, loans must be prorated if the remaining portion of a student’s program is less than one academic year.

   **REPAYMENT**: Begins six months after leaving school or dropping below half-time. Under certain conditions, repayment may be deferred. The loan servicer will supply details. Minimum monthly payments are $50 per month and may be higher depending upon total amount borrowed. The maximum repayment period is 10 years, not counting periods of deferment or forbearance. Deferment and forbearance information is available from the loan servicer. The interest on subsidized Federal Stafford Loans is paid by the government until the borrower leaves school or drops below half-time enrollment. The interest rate is variable, but will not exceed 8%. Borrowers must complete a computerized loan debt counseling session before receiving their first disbursement. Students must complete an exit interview before the end of their loan period or at any time they drop below half-time enrollment.
3. **FEDERAL DIRECT STUDENT LOAN (UNSUBSIDIZED)**

   The loan funds come directly from the federal Government. Funds are repaid through a loan servicer.

   Available to students whose cost of education exceeds all financial aid received or whose financial need may be less than the cost of education. Students must be considered for a subsidized Stafford before eligibility for an unsubsidized loan is determined.

   **AMOUNT**: May not exceed cost of education less other aid. The maximum annual amount is $3,500 or $4,500, depending upon number of hours completed. (See information under subsidized loan.)

   An additional unsubsidized loan of up to $6,000 may also be available. Additional requirements apply and students must complete a separate application, collect documentation and meet with a financial aid advisor.

   **REPAYMENT**: Begins six months after leaving school or dropping below half-time. Under certain conditions, repayment may be deferred.

   The interest rate on an unsubsidized Stafford Loan is variable, based on Treasury Bill rates plus 6.8%. The government does not pay the interest on an unsubsidized Stafford Loan. It may be accrued and capitalized or students may pay it while in school.

4. **FEDERAL DIRECT PLUS LOAN**

   The Direct PLUS Loan works exactly as the Federal PLUS Loan with one major exception - the loan funds come directly from the Federal Government to SLCC and then to the student. Funds are repaid through a loan servicer.

   **AMOUNT**: May not exceed cost of education less other estimated financial assistance.

   **REPAYMENT**: Begins 60 days after disbursement. Deferment may be granted under certain circumstances. The loan servicer can supply information on deferments. Interest rate on a PLUS is variable, based on the 52-week Treasury Bill rate plus 3.1%, currently capped at 9%. Interest on PLUS is not paid by the government and rate is subject to congressional revision.

5. **SHORT-TERM BOOK LOANS**

   Available to students who have completed at least 12 credit hours at SLCC and have a cumulative GPA of 2.0 or higher. Short-Term Book Loans are provided by Salt Lake Community College.

   **AMOUNT**: Maximum amount $500 per year to cover emergency expenses only.

   **REPAYMENT**: An emergency loan must be repaid by the end of the term in which it is made. A $10 service charge is added to the amount borrowed.

**PART-TIME WORK**

Many part-time student jobs are awarded through the Federal College Work-Study program, which requires establishing financial need through FAFSA. Work opportunities are scheduled around eligible students’ class schedules. Pay scales are based on hourly rates (at least minimum wage) and may vary depending upon the job. Students are awarded a specific dollar amount and may work until total salary paid equals that amount. Most students work 10–20 hours per week.

Part-time off-campus jobs which do not require financial aid eligibility are available within the community. Contact the Student Employment Office for more information.

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**TUITION WAIVERS**

SLCC maintains a tuition-waiver program, which waives tuition (not fees) for eligible students enrolled at least (6 to 18 hours) in a number of academic programs. Most waivers are granted for two semesters; **summer term waivers require a separate application.** Waivers are not transferable and may not be used for continuing education classes. A tuition waiver is credited to the student’s tuition charges and no cash disbursement is made. Types of tuition waivers follow.

**NOTE**: Students whose disabilities preclude 3/4 time (9 hours) enrollment can be considered for part-time tuition waivers.

**HONORS AT ENTRANCE**

Available to new students entering from Utah high schools. Applicants must have at least a 3.5 high school grade-point average (GPA) to apply. Application deadline is March 1.

**PRESIDENTIAL LEADERSHIP**

Awarded to new students who have been active in school and/or community activities. Students awarded a Presidential Leadership waiver are required to be involved with SLCC student organizations and participate in a weekly leadership training during their freshman year. Application deadline is March 1.

**DEAN’S DEPARTMENTAL (NEW STUDENT)**

Available to students who can demonstrate skill, experience, related coursework and motivation in the area of their anticipated major. Award decisions are made by the academic department in which the student plans to enroll. Application deadline is March 1.

**DEAN’S DEPARTMENTAL (CONTINUING STUDENT)**

Granted by academic departments to continuing students, based on demonstrated skill, experience and motivation in the major area of study. Application deadline is May 1.

**PEER LEADERSHIP PROGRAM**

Available to students from ethnic and cultural backgrounds to enrich their leadership skills and college educational experience and interaction with campus.

**DIVERSITY CASH AWARD**

This award is designed to increase diversity on campus to enrich the educational experience of all students. Selection is based on grade-point average, ethnic background, letters of recommendation and activities. Recipients of this waiver must participate in peer leadership program and/or other student organizations related to diversity. Submission deadline varies by term.

**DIVERSITY (CONTINUING STUDENT)**

This award is designed to increase diversity on campus to enrich the educational experience of all students. Selection is based on GPA, ethnic background, letters of recommendation and activities. Recipients of this waiver must participate in peer leadership program and/or other student organizations related to diversity. Application deadline is May 14, 2010.

**PERFORMING ARTS**

Awarded by the SLCC Division of Fine Arts in the areas of theatre, music and dance. These are performance tuition waivers which are awarded on the basis of auditions and previous performance experience; participation in performing arts at SLCC is a requirement. Application deadline is March 1.

**CONTINUING STUDENT**

Students must have at least a 3.5 GPA to apply. Awards are based on a weighted cumulative GPA and total earned College credit hours. Application deadline is May 1.
NEED-BASED
Available to students with exceptional circumstances of need. There is no application deadline, but these are subject to availability of waiver funds. Students must first consult with a SLCC Financial Aid Advisor.

SPECIAL TUITION WAIVERS
Some waivers are available through campus organizations, which meet criteria for participation in campus, civic and community activities. Athletic waiver recipients are designated by the Athletic Department. Applications are available from the Athletic Department (Taylorsville Redwood Campus, LAC 20).

NON-RESIDENT
Available to outstanding non-Utah resident students. Applications considered throughout the year. This waiver covers the resident tuition amount only, while others cover 1/2 of the non-resident tuition differential.

SUMMER TERM WAIVERS
Available to continuing students with at least a 3.5 GPA for summer term only. Awards are based on weighted cumulative GPA and total earned College credit hours. Application deadline is April 1.

SCHOLARSHIPS
Scholarships provided by SLCC or by private donors are awarded on the basis of superior achievement and promise of future excellence. Financial need also is a criterion for some scholarship awards. Policy for the recipient's selection is made by a committee composed of faculty, staff and student representatives or may be established by the donor. Application forms for all scholarships are available from the Financial Aid Office or online at www.slcc.edu/financialaid.

NOTE: Scholarship funds may be available during the school year. Please visit the Financial Aid page at www.slcc.edu/financialaid for availability.

GENERAL SCHOLARSHIP FUND
SLCC scholarships are made available through a number of endowment and annual scholarship donations. A student may be awarded only one of these scholarships, which are based on a combination of need and merit each year. Awards range from $70 to the total amount of tuition & fees per semester. Applications are available in early spring at the Financial Aid Office or online at www.slcc.edu/financialaid. Application deadline is April 1 for the following August.

Private or state scholarships vary in availability from year to year. Special applications may be required and deadlines for submission vary. Students should contact the Financial Aid Office for information on other scholarship funds, which may have been donated to the College. Applications are available at www.slcc.edu/financialaid. The following briefly describes some typical sources:

FOUNDATION SCHOLARS
Awarded to freshman students with outstanding academic achievement in high school (minimum GPA of 3.8), with consideration also given to leadership, community service, honors and awards. Scholarship covers tuition and fees plus $700 per year; renewable for a second year if recipient maintains a 3.70 GPA in full-time enrollment. Application deadline is March 1.

TERREL H. BELL LOAN INCENTIVE PROGRAM
State-funded program providing funds for tuition and fees for students pursuing certification to teach in Utah. Funding must be repaid either through teaching in Utah schools or in cash. Application deadline is March 31. May not be available each year.

SCHOLARSHIPS FOR BLIND STUDENTS
Available through both the Utah Council for the Blind and the National Federation of the Blind.

STERLING SCHOLARSHIPS
Tuition only waivers (fees not included) to Sterling Scholar Award recipients at the regional or state level only.

GOVERNOR'S APPLIED TECHNOLOGY SCHOLARSHIPS
Tuition waivers awarded to winners of the Governor’s applied technology program.

DETERMINING NEED
A student's financial need is the difference between the cost of attendance at SLCC and the expected family contribution.

LEVEL OF NEED = BUDGET MINUS RESOURCES
A number of federal, state and private sources of assistance are available to eligible students who demonstrate financial need. (Some scholarships and waivers based on merit and achievement are also available.) Aid is available to eligible students enrolled in eligible study abroad programs.

In receiving financial aid, students and their families are expected to assume some responsibility for meeting the cost of education. The expected contribution from the student and family is determined by income, assets, number of dependents and other relevant information. Most financial assistance is awarded when costs of attending SLCC are greater than the ability to pay. To determine this, the College uses the guidelines established by the U.S. Department of Education.

Students may obtain information from the Financial Aid Office at the Taylorsville Redwood, South City, Miller or Jordan locations.

APPLYING FOR FINANCIAL AID
APPLICATION PROCESS
To apply for financial aid, students must:

1. Complete the Free Application for Federal Student Aid (FAFSA), school code 005220, and send it to the processor. The FAFSA may be submitted via Internet at www.fafsa.ed.gov.

2. Complete the College Financial Aid Student Information Form and submit it to the Financial Aid Office.

3. Submit further documentation, if verification is required by the Financial Aid Office. This may include copies of income tax returns, W-2 forms or proof of untaxed income.

4. Complete the admissions process to become a matriculated student in an eligible program at SLCC. Entering students who need financial aid must be enrolled in an eligible program and all of the matriculation requirements must have been met.

5. Have earned a high school diploma, a GED or a passing grade on an ability to benefit test.

APPLICATION PRIORITY DATES
Once students have completed an application for financial aid, it may take up to three months to process applications and notify students. The Financial Aid Office has established the following priority dates for students entering each semester. (Applications
for non-credit School of Applied Technology programs are accepted throughout the year.)

| FALL SEMESTER | APRIL 1 |
| SPRING SEMESTER | NOVEMBER 1 |
| SUMMER TERM | APRIL 1 |

NOTE: Priority consideration will be given to students who have completed applications by these deadlines. Applications submitted after the priority dates will be processed as time allows and in the order received. Only one application is necessary for the Fall and Spring semesters; a separate application will be required for Summer term.

WHAT HAPPENS AFTER APPLICATION?
Once the FAFSA results are received in the Financial Aid Office, students will be contacted to provide any other information needed. When the student file is complete, it will be reviewed and processed by the Financial Aid Office.

If eligible, the student will be awarded and an e-mail will be sent to the student's SLCC e-mail address to inform him/her of the amount of aid. If the student has indicated an interest in student loans on the FAFSA, a subsidized and/or unsubsidized Stafford Loan will be offered. Students must also complete Loan Entrance Counseling. The student will be notified if a Master Promissory Note (MPN) needs to be signed. Aid is normally disbursed the week before classes begin. If tuition and fees have not been paid, the aid will be applied to the unpaid charges. If any funds remain after tuition/fees are paid, a check will be mailed to the student's local address, or the student may set up direct deposit through the Cashiers Office.

There are usually responsibilities which accompany receiving student aid. As a rule, students are expected to complete at least 70% of their classes and to maintain a minimum cumulative grade point average (GPA) of 2.0 (or, for programs offered through the School of Applied Technology students must meet satisfactory academic progress (SAP) guidelines.) Requirements for private scholarships may vary; students must be aware of what is expected. For further information or assistance in filling out the FAFSA, contact the Financial Aid Office (students should specify whether they are applying for a program of study through the School of Applied Technology). The two main sources of financial aid are federal and state aid and scholarships awarded by the College or by private donors and organizations.

For further information or assistance in filling out the FAFSA, contact the Financial Aid Office.

ELIGIBILITY CRITERIA FOR FINANCIAL AID
Students who receive federal or state financial aid funds are expected to maintain satisfactory academic progress (SAP). SAP includes a qualitative measure, as indicated by the cumulative GPA (CGPA), or competency achievement for clock hour programs, and a quantitative measure, determined by comparing attempted credits versus earned (or completed) credits within a maximum time frame, or determined by comparing scheduled hours to competency attainment in School of Applied Technology programs. Determination of SAP takes into account the full record of students' attendance at SLCC, regardless of whether they received financial aid during previous periods of enrollment.

Students are allowed 150% of the published number of credit hours or clock hours required for graduation completion in which to complete their program of study. For example, a student whose program requires 65 hours would have approximately 95 attempted credit hours to complete the program; or in the case of clock hour programs, a student whose program requires 600 hours would have 900 clock hours to complete the program.

Calculation of maximum allowed hours is based on attempted hours, defined as all hours for which a student has enrolled, including all transfer hours which are relevant to the current program of study. Classes which receive a grade of withdraw (W), incomplete (I), audit (AU) or extension (EX) are considered attempted hours, as are all repeat courses.

Based on student need, a maximum of 30 remedial credit hours may be added to the published required number of credit hours. Transfer hours not applicable to program graduation will be subtracted from the number of credit hours required for graduation, thus a maximum time hour limit would be reduced accordingly. For example, if a student has 25 transfer hours and the program of study requires 65 for graduation, the maximum time frame is determined by deducting 25 hours from 65 and multiplying the remainder by 150%. This would equal a max time-frame of 60 hours. This rule does not apply to clock hour programs.

To ensure consistent progression toward graduation, students must satisfactorily complete a minimum of 70% of cumulative attempted credit hours or clock hours with cumulative GPA of 2.0 or better or a “P” for each course completed in the clock hour program. Academic progress will be monitored each term; or, in the case of clock hour programs of study, at 25%, 50%, 75%, and 100% intervals. Students who do not maintain a 70% completion rate with a minimum cumulative GPA of 2.0, or a “P” for each course completed in the clock hour program, for two consecutive terms or two consecutive 25% intervals respectively will have their financial aid terminated. If extenuating circumstances can be shown to have caused the student to fail to meet this academic standard, the student may appeal (as described below).

The penalty for failure to achieve SAP is termination of aid for at least one term or one 25% interval, or until the student has achieved satisfactory completion of 70% of cumulative enrolled hours with a minimum cumulative GPA of 2.0 or “P” in clock hour programs. Further aid is not awarded until this has been accomplished.

Academic renewal will not impact a student’s satisfactory progress. A copy of the complete satisfactory progress policy may be requested at the Financial Aid Office.

APPEAL PROCESS
Students may appeal to the Financial Aid Appeal Committee for an extension of maximum allowed credit or clock hours or for a waiver of requirements for attendance/completion of a term or 25% interval without aid based on documented mitigating circumstances. The appeal must be made in writing and must include supporting documents to substantiate the circumstances which brought about the appeal and which were beyond the control of the student. Students in credit programs who disagree with the Appeal Committee’s decision may ask that the documentation and the Committee decision be reviewed by the Director of Financial Aid and the Dean of Enrollment Services. Students enrolled in the School of Applied Technology clock-hour programs may ask for a review by the Director of Student Affairs.

CONDITIONS UNDER WHICH FINANCIAL AID MAY BE WITHDRAWN:
- Failure to meet satisfactory progress standards
- Failure to meet conditions of financial aid probation
- Misrepresentation or falsification of application materials for aid or for admission
- Official or unrecorded withdrawal from the College
- Violation of any institutional policy or regulation which could result in suspension or termination from the College
- For Stafford Loans, failure to complete a minimum of 6 hours with a grade of D- or higher.
FINANCIAL AID OVERPAYMENT AND RETURN OF TITLE IV FUNDS POLICY

The following procedures are used to determine the amount to be returned to federal (Title IV) funds:

OVERPAYMENT
An overpayment situation occurs when students receive a Pell Grant and drop classes after funds have been disbursed. For example, if a student receives a Pell Grant based on full-time enrollment and then drops to nine credits, an overpayment will be calculated. Any refund will be credited back to the Pell Grant and the student will be required to pay back any difference between a full-time Pell Grant and a 3/4-time Pell Grant. These funds must be repaid prior to receiving aid for subsequent terms at SLCC or any other institution.

Students attending the School of Applied Technology may have an overpayment if they were paid for a 25% interval, enrolled in classes, and do not attend classes.

RETURN OF TITLE IV FUNDS
Return of Title IV funds occurs when a student receives federal funds and then officially drops, withdraws or ceases attendance without notifying the school. The amount of unearned Title IV aid must be figured. This is determined by multiplying the percentage of term, or 25% interval for clock hour programs, not attended (based on calendar days including weekends and holidays) by the Title IV aid received. All types of aid—including loans—are used in this calculation. College work-study funds which have been earned will not be included. If a student attended more than 60% of the term, no return of funds will be required.

After the amount of Title IV aid to be returned is calculated, a determination of how much must be returned by the institution and how much must be returned by the student will be determined. Any funds returned by the institution are credited in the calculation of previous coursework. To petition, the student must submit a graduation application obtained from Enrollment Services or www.slcc.edu/graduation.

Any return of Title IV funds required by student must be paid prior to receiving additional financial aid at SLCC or any other institution. Any funds returned by the institution on the student’s behalf must be repaid by the student to the College prior to receiving grades or attempting to register for subsequent terms. A complete and detailed explanation of this policy along with examples, is available at the Financial Aid Office.

GRADUATION

GRADUATION REQUIREMENTS
To be eligible for graduation from SLCC, students must:

1. Student must be a current, matriculated (degree seeking) student.
2. Apply for graduation at least one semester or term prior to completing requirements, and by the priority deadline published in the class schedule.
3. Based on the program requirements, most programs require 60 to 72 credit hours of courses numbered 1000 or higher.
4. Complete a certificate of completion, a diploma, or a degree as outlined in the catalog.
5. Cumulative grade point average (GPA) must be 2.0 or higher.
6. “I” grades necessary for graduation must be completed.
7. Clear all college financial obligations in order to graduate.
8. Complete a minimum of 25% credit hours from Salt Lake Community College.
9. Repeated course work may only count once in the total credit hours earned for graduation.
10. Students pursing dual degrees programs must apply and pay for each program.
11. Application for graduation is valid for one year. A new application and additional payment will be required after the one-year time period has elapsed.
12. Courses numbered 0001-0999 may not be used toward graduation.

Students seeking degrees must apply as follows:

Spring: October 15th
Summer: March 15th
Fall: July 15th

Students submitting a graduation application will receive correspondence via email regarding approval for graduation. Students not cleared for graduation will receive a letter which includes a degree audit indicating missing classes. The Graduation Office will evaluate the academic record in accordance with the program requirements for which the student has applied.

SCHOOL OF APPLIED TECHNOLOGY

GRADUATION REQUIREMENTS
To be eligible for graduating from programs offered through the School of Applied Technology, students must successfully complete or be on target to successfully complete their program of study by May 1st prior to the SLCC graduation date. Students meeting these criteria will be notified by mail prior to March 30th.

HONOR CORDS
Students who complete coursework with a cumulative grade-point average of 3.5 to 3.79 will qualify for a silver cord at graduation. Students who complete coursework with a cumulative grade-point average of 3.8 or above will qualify for a gold cord at graduation. (See President’s List, Dean’s List page 40) Students who complete the requirement for the Civically-Engaged Scholar program will be awarded a royal blue cord at graduation.

ACADEMIC RENEWAL

POLICY
Students admitted to Salt Lake Community College may petition to have poor grades and credits discounted from the GPA calculation of previous coursework. To petition, the student must
have an interruption in their education at Salt Lake Community College of at least five consecutive years and meet the policy requirements 1.1 through 2.8. The Academic Renewal Policy allows a returning student the opportunity to improve academic standing at Salt Lake Community College.

1. Academic renewal permits returning students to discount previous poor grades and associated credits from grade point calculations under the following conditions:

   1.1 Returning students must have an interruption in their collegiate education at Salt Lake Community College of five or more consecutive years.
   1.2 The grades and associated credits to be discounted must be at least five years old.
   1.3 Academic renewal applies only to courses with grades of D+, D, D-, E or UW.

2. Conditions under which academic renewal will be considered:

   2.1 The applicant must be enrolled at Salt Lake Community College at the time of application for academic renewal and upon return to Salt Lake Community College, and have completed 6 credits of graded coursework at SLCC with a GPA of 2.0 or above.
   2.2 Academic renewal may be applied only once during a student’s academic career at Salt Lake Community College and it is irreversible.
   2.3 Not all graded coursework described in 1.3 must be discounted. Students may request specific courses for academic renewal.
   2.4 Repeated courses and credits are not eligible for academic renewal.
   2.5 Grades and credits approved for academic renewal will no longer count toward Salt Lake Community College program or graduation requirements.
   2.6 Courses approved for academic renewal and the course grades will remain on transcripts with an academic renewal notation.
   2.7 Students will not receive a tuition adjustment or refund for courses granted academic renewal status.
   2.8 Academic renewal applies only to courses and credits taken at Salt Lake Community College.

**PROCESS FOR APPLICATION**

- Students need to meet with an Academic Advisor before applying for academic renewal.
- Students applying for academic renewal must complete and submit the academic renewal application form to Enrollment Services.
- Students must clearly identify courses for which they are requesting academic renewal.
- Enrollment Services will determine if all conditions have been met; the student will be notified within four weeks.
- Upon approval for academic renewal, grade point average and credit hours earned will be recalculated and appropriate notations made on the student’s record.
- Academic renewal may not be accepted by transfer institutions or for financial aid satisfactory academic progress requirements.

**STANDARD SUBSTITUTIONS AND SUBSTITUTION GUIDELINES**

Students requesting a substitution should see an academic advisor. Some course substitutions may require approval by department or division chair.

**GRADUATION CERTIFICATES**

Graduation certificates and diplomas are mailed six to eight weeks after the end of the semester in which the student is approved to graduate and complete graduation requirements.

**SCHOOL OF APPLIED TECHNOLOGY COSTS AND FEES**

For Utah residents, costs for most School of Applied Technology courses and programs are $1.75 per clock hour of instruction, which does not include student fees. Books and supplies are separate and are subject to change. See a School of Applied Technology Advisor for total program costs or the School of Applied Technology section of this catalog.

**SALT LAKE COMMUNITY COLLEGE POSTHUMOUS DEGREE POLICY**

POLICY

All Degrees, Certificates of Completion, and Diplomas awarded by Salt Lake Community College may be issued posthumously under the following conditions:

1. The deceased student has completed a minimum of 80% of program and credit-hour requirements for his/her major field of study.
2. The deceased student is in good academic standing and has earned a minimum grade-point average of 2.00 at Salt Lake Community College.
3. The deceased student must have been enrolled at the college within the past two years.

A deceased student not eligible for a posthumous Degree, Certificate of Completion, or Diploma, may be awarded a Certificate of Academic Achievement at the discretion of the College.

**PROCEDURE**

1. A formal request for the Degree/Certificate/Diploma to be awarded posthumously may be initiated by any interested person or organization associated with the deceased student, and must be submitted to the Vice President for Student Services, accompanied by documentation of the student’s death.
2. The Vice President will request a review of the deceased student’s record by the Graduation Office to verify that minimum requirements have been met.
3. The Registrar will certify to the Vice President that the minimum requirements have or have not been met.
   a. If minimum requirements have been satisfied, the Graduation Office will so notify the Vice President, provide the appropriate Degree, Certificate of Completion, or Diploma, with diploma cover, to the requestor, and post the award on the deceased student’s transcript.
   b. If minimum requirements are not met, the Degree/Certificate/Diploma will not be awarded, and the Vice President will determine if the circumstances warrant the awarding of a Certificate of Academic Achievement.
If the Certificate of Academic Achievement is to be awarded, the Graduation Office will provide it to the requestor. No notations of this certificate will be made on the deceased student’s transcript.

4. The Vice President will communicate the results of the request to the requestor.

**TRANSCRIPTS**

The permanent record (transcript) of your academic achievement is maintained by Enrollment Services. Transcript requests can be processed at Taylorsville Redwood, South City and Jordan Campus sites for a $5.00 fee per transcript. For information call 801-957-4298 or visit www.slcc.edu. School of Applied Technology records are available separately at the School of Applied Technology at South City Campus, 801-957-3354.

**VIEW TRANSCRIPTS ONLINE**

Login to mypage.slcc.edu, click on the “Student” tab, scroll down to “Student Portal” and click on “Academic Transcript.” If you wish to print the document go to the bottom of the last page and right-click the mouse and select the print option. (This will print an unofficial transcript.)

**ORDER OFFICIAL TRANSCRIPTS**

Official transcripts are signed by the college registrar and sealed with an official SLCC seal. Official transcripts are used to transfer college credit to receiving institutions. The cost of each requested transcript is $5.00. Students are able to request transcripts online, in person, by mail or by fax. SLCC is unable to process transcript requests by phone or by email. To request an official transcript:

**ONLINE**

1. Go to www.slcc.edu. Sign into MyPage and click on the “Student” Tab
2. In the Student Portal locate Student Records, and click on “Official Transcripts”
3. Pay the transcript fee by credit card and follow the prompts until your request is complete

If you have trouble with your MyPage account, contact the Help Desk at (801) 957-5555.

**IN PERSON**

Complete a Transcript Request Form at Enrollment Services and pay the $5.00 fee to Center Courtesy Desk or Cashiers office. Bring the completed request form to Enrollment Services with your picture ID.

**MAIL OR FAX**

Include a completed Transcript Request Form OR include the following information: Name, Student ID or SS#, Date of Birth, Last Date Attended, Previous Names, the Name and Address of person or organization transcript is to be sent to, your Current Contact Information, and your Signature authorizing release of your transcripts.

Mail transcript request and $5.00 check or money order:  
**ENROLLMENT SERVICES**  
SALT LAKE COMMUNITY COLLEGE  
PO BOX 30808  
SLC UT 84130-0808

Or fax your request to (801) 957-4961 and call cashier at (801) 957-4460 to pay fee by credit card.
6. SLCC disclaims liability of any kind for injury or illness of students as a result of participation in activities connected with the College. Every reasonable effort is made to provide safe conditions for conducting all activities.

**STUDENT RIGHT TO KNOW**

In accordance with the Student Right-To-Know and Campus Security Act (P.L. 101-542, amended by P.L. 102-26), Salt Lake Community College conducts an annual study of persistence and graduation rates of full-time freshman who have not previously attended college. Results of this yearly study and information regarding security issues are published online at www.slcc.edu/disclosures. A printed copy is available from Enrollment Services.

**STUDENT PRIVACY RIGHTS**

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights are:

THE RIGHT to inspect and review the student’s education records within 45 days of the day the College receives a request for access. Students should submit written requests identifying the record(s) they wish to inspect to the Registrar. The Registrar will make arrangements for access and notify the student of the time and place where the records may be inspected. If records are not maintained by the Registrar, the supervisor, Department or Division Chair, who works directly with the student, should be advised of the student’s request to inspect and review the student’s education records.

The student has the right to request the amendment of the student’s education records that the student believes are inaccurate or misleading. Students may ask the College to amend a record that they believe is inaccurate or misleading. They should write the College official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of the right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to hearing.

THE RIGHT to consent to disclosures of personally identifiable information contained in the student’s education records, except to the extent that FERPA authorizes disclosure without consent. One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the College in an administrative, supervisory, academic or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the College has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record to fulfill his or her professional responsibility. Upon request, the College may disclose education records without consent to officials of another school in which a student seeks or intends to enroll.

**THE RIGHT** to file a complaint with the U.S. Department of Education concerning alleged failures by SLCC to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

**FAMILY POLICY COMPLIANCE OFFICE**

U.S. DEPARTMENT OF EDUCATION
400 MARYLAND AVENUE, S.W.
WASHINGTON, D.C., 20202-4605

Personally identifiable information or records relating to a student will not be released to any individual, agency or organization without the written consent of the student as described in FERPA regulations, except Directory Information, which may be released upon request unless the student specifically withholds permission to do so. Directory information includes:

- Student's name
- Address
- Telephone number
- Date of birth
- Major field of study
- Dates of attendance
- Enrollment status
- Degrees and awards received
- Most recent previous educational agency/institution
- Participation in recognized activities/sports
- E-mail address

**PROCESS FOR A STUDENT GRIEVANCE**

**Student has grievance.**

**Student attempts resolution with those involved.**

**Issue is resolved.**

**Student presents grievance to either the supervisor, Department or Division Chair, who works to resolve the issue. If the issue is unresolved, it will then be referred to the appropriate Dean.**

**Student accepts decision.**

**Student rejects decision, appeals to Student Standards Committee.**

**Appropriate Vice President may uphold, modify or dismiss the recommendation. This decision is final.**

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**NOTE:** SLCC has contracted with the National Student Clearinghouse to provide verification of student enrollment and degrees or certificates earned. The National Student Clearinghouse is considered a “school official” acting with “legitimate educational interests.”
TO WITHHOLD THE RELEASE OF DIRECTORY INFORMATION
Students must complete a Request to Prevent Disclosure of Directory Information form, available from Enrollment Services offices and online at www.slcc.edu, to withhold release of directory information. This form may be submitted at an Enrollment Services office during regular office hours; the request will become effective upon computer input.

AMERICANS WITH DISABILITIES ACT (ADA)
SLCC embraces both the letter and the spirit of the Americans With Disabilities Act (ADA), which in part says, "... no qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs or activities of a public entity, or be subjected to discrimination by any such entity."

For more information, STUDENTS should contact the Disability Resources Center at (801) 957-4659 (Voice) or (801) 957-4646 (TTY). EMPLOYEES should contact Human Resources at (801) 957-4212. For the SLCC ADA Coordinator, call (801) 957-4041.

EQUAL OPPORTUNITY/ AFFIRMATIVE ACTION
Salt Lake Community College is an equal opportunity institution providing education and employment opportunities without regard to race, color, gender, sexual orientation, religion, national origin, disability, age and/or veteran status.

Inquiries concerning the above, including the application of Title I, Title VI, Title VII, Title IX, or Section 504 may be referred to the SLCC Director of Equal Employment Opportunity at (801) 957-4212.

*DEFINITIONS:
Title I - American Disabilities Act
Title VI - Civil Rights Act
Title IX - Civil Rights Act
Title VII - Civil Rights Act
Section 504 - A Section of the Age Discrimination in Employment Act

CRIME AWARENESS AND CAMPUS SECURITY REPORT
Safety and well being of students, visitors and employees is a high priority at SLCC. The full support and cooperation of the entire college community is required to allow for the pursuit of knowledge in a safe and secure environment. The Crime Awareness and Campus Security Report issued to faculty, staff, and students is designed to comply with the Student Right-To-Know and Campus Security Act of 1990. (34 CFR 668.47) and amendments. It is annually updated to provide current information to all students, employees, or any applicant for enrollment or employment at the College. This report includes information about campus law enforcement, reporting of criminal activity, crime awareness and prevention, and campus crime statistics.

To obtain copies, call the SLCC Public Safety Department at (801) 957-4270 or visit www.slcc.edu/disclosures.

STUDENT CODE OF CONDUCT
Salt Lake Community College seeks to provide a safe and secure environment for its community through the dissemination of the Student Code designed to respect and protect the rights and well-being of its members, and without disruption of individual’s pursuit of education. The College reserves the right to suspend or dismiss students for failure to conform to rules outlined in the Code for conduct detrimental to the interest to conform to the College community. Adherent to this right, the College may subject students to disciplinary action for conduct contrary to College policy on or off campus. The primary objective for the administration of discipline under the Student Code of Conduct is to foster ethically responsible behavior and protect the campus community.

The Code outlines the specific rights which students are guaranteed and the responsibilities students have as community members. It also specifically outlines the procedures for hearing cases of student misconduct, grievances, and academic dishonesty issues.

CODE AVAILABILITY
Students may obtain a complimentary printed copy of the Student Code of Conduct from the Dean of Students Office (STC276) Taylorsville Redwood Campus. Students also may request printed copies from Student Services offices at all other SLCC locations. The Student Code is also available from the home page within the A-Z Listings.

STUDENT RIGHTS AND RESPONSIBILITIES
Students accept both the rights and obligations of citizenship. They retain and enjoy all rights secured by the Constitution and local, state or national laws.

Rights and freedoms are best preserved in a community whose members are mutually tolerant of the exercise of rights and freedoms and whose members are free from physical violence, force, abuse and threat. Toward that end, SLCC has adopted certain personal and organizational standards, policies and procedures that govern the responsibilities and behavior of its members. Violations are grounds for judicial action and possible disciplinary sanctions. Any students who assist, encourage or incite others to violate SLCC policies are similarly subject to such action.

PROCESS FOR ALLEGED STUDENT MISCONDUCT

AUTHORITY AND RESPONSIBILITY

Authority to conduct investigation and recommends sanctions by written notice to student.

Immediate threat in classroom–faculty member has the right to take action that is reasonable to protect themselves and others. Faculty member must notify Department Chair, Dean of Students and Public Safety.

The Dean of Students conducts investigation and recommends sanctions by written notice to student.

Student accepts sanctions.

Student rejects sanctions and requests a hearing of the Student Standards Committee.

Student Standard Committee reviews case; submits findings and recommendation to Student Services Vice President.

Student Services Vice President makes final decision.
Daily responsibility for good conduct rests with the students. All members of the College community are expected to use reasonable judgment in their daily campus life and to show due concern for the welfare and rights of others.

Ultimate responsibility and authority to enforce the Student Code of Conduct rests with the College President. The President may, and has, delegated responsibility for administration of the discipline system to the Vice President of Student Services. The Vice President delegates responsibility to the Dean of Students. All procedures followed and decisions made by authorized hearing officers and bodies are approval by appropriate Vice Presidents and may be subject to Presidential review.

SLCC reserves the right to take any necessary and appropriate action to protect the safety and well being of the campus community.

**ACADEMIC HONESTY**

Honesty is an expectation at SLCC. This means that each member of the College community will adhere to principles and rules of the College and pursue academic work in a straightforward and truthful manner, free from deception or fraud. Any attempt to deviate from these principles is academic dishonesty and will be dealt with according to rules of due process as outlined.

Students are also held to the College policy on acceptable use of college computing resources, which prohibits the distribution of passwords or confidential information; sending, receiving or storing fraudulent, harassing or obscene messages; and the encroachment of computer resources or any attempt to break, or override the security of the College computers.

**FAIR AND EQUITABLE DISCIPLINARY PROCESS**

The SLCC social discipline system is established in accordance with the concept of due process. Due process, as used herein, consists of two parts. First, students will know in advance what conduct is unacceptable, and the consequences of such conduct. It requires rules and regulations of student behavior that are reasonable, clear, and precise, clearly communicated, and fairly and consistently administered (substantive due process). Second, students will be given a statement of charges against them and a fair opportunity to be heard and to present witnesses before a decision is rendered (procedural due process).

**CAMPUS POLICY ON DRUGS AND ALCOHOL**

SLCC Code of Conduct prohibits possession, consumption, or distribution of hallucinating, narcotic, or other illegal drugs. The code also prohibits possession, consumption, or distribution of alcoholic beverages on any property owned or leased by the College and at any college-sponsored activity. Campus members may be subject to prosecution by civil authorities for violation of state and federal laws. Violation of the alcohol, tobacco, and other drug policies will be handled through the Dean of Students. The sanctions taken may include, but are not limited to referral for assessment to Health and Wellness Services, appearances before the Student Standards Committee, probation, or expulsion. For information on health risks of alcohol abuse, contact Health and Wellness Services.

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**PROCESS FOR ALLEGED ACADEMIC DISHONESTY IN NON-CLASSROOM SITUATIONS**

*Testing Center*

- Testing Center Director notifies student in writing of alleged academic dishonesty.
- Director or Coordinator meets with student and renders a decision. Issue is resolved.
- Student rejects decision, appeals to the Dean of Enrollment Services and requests a Review Committee hearing.
- Review Committee meets to assess evidence and submits findings and recommendation to the Vice President for Student Services.
- Vice President for Student Services may dismiss, modify or uphold the recommendation. This decision is final.

**PROCESS FOR ALLEGED ACADEMIC DISHONESTY IN CLASSROOM SITUATIONS**

- Faculty member notifies student of alleged academic dishonesty.
- Faculty member meets with student and attempts resolution. Issue is resolved.
- If the issue is unresolved, it will then be referred to the Department or Division Chair, who works to resolve the issue. Student accepts decision.
- If the issue is unresolved, it will then be referred to the academic Dean. The Dean will discuss the grievance with the student and will render a decision. Student accepts decision.
- If the student rejects the decision and appeals to Review Committee, the Review Committee will meet to assess evidence, submit findings and recommendation to the Vice President for Instruction.
- Vice President of Instruction may uphold, modify or dismiss the recommendation. This decision is final.
**THINGS YOU SHOULD KNOW**

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<th>ALCOHOL AND TOBACCO LAWS</th>
<th>PENALTIES</th>
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<tr>
<td><strong>DUI</strong> - It is illegal to drive or be in physical control of a vehicle while under the influence of alcohol or other drugs. Utah’s Implied Consent law requires submission to blood alcohol content (BAC) test. Refusal will result in revocation of license for one year. You are in violation if your BAC is .08 or greater OR if you are incapable of operating a vehicle.</td>
<td>Up to 6 months imprisonment and/or $1,000 fine, rehabilitation assessment and education class, suspension of license for 90 days, $100 to victim restitution fund. Accident, injury or death will increase penalties. Class B misdemeanor.</td>
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<td><strong>MIP</strong> - It is illegal for minors (under 21) to buy, possess (even hold) or drink alcohol.</td>
<td>Up to 6 months imprisonment and/or $1,000 fine, Class B misdemeanor.</td>
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<tr>
<td><strong>NOT-A-DROP</strong> - You are in violation if you are under 21, have consumed any amount of alcohol and are driving.</td>
<td>Lose license for 90 days, required substance abuse assessment, and may still face MIP laws.</td>
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<td><strong>OPEN CONTAINER</strong> - It is illegal to drink any alcoholic beverage while operating, or as a passenger in, a vehicle (parked or moving), or have an open container in vehicle.</td>
<td>Up to 6 months imprisonment and/or $1,000 fine. Class B misdemeanor.</td>
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<td><strong>SELLING, FURNISHING, OR SUPPLYING ALCOHOL TO A MINOR</strong> - You are in violation if you provide alcohol to a minor.</td>
<td>Up to one year imprisonment and/or $2,500 fine. Class A misdemeanor.</td>
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<td><strong>INTOXICATION</strong> - A person is in violation if he is under the influence of intoxicating liquor or other substances to the degree that the person may endanger himself or others in a public or private place and unreasonably disturb others.</td>
<td>Imprisonment in jail or detoxification center if necessary for protection of self or others. Class C misdemeanor.</td>
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<td><strong>TOBACCO USE OR POSSESSION</strong> - It is unlawful for any person under the age of 19 to purchase or possess tobacco in any form.</td>
<td>Maximum $500 fine. Class C misdemeanor.</td>
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<td><strong>CLEAN AIR ACT</strong> - Prohibits smoking in a public place, public meeting, or any government building. (All buildings on SLCC campus.)</td>
<td>Maximum $500 fine. Class C misdemeanor.</td>
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SERVICES AND RESOURCES FOR STUDENTS

ACADEMIC AND CAREER ADVISING

Taylorville Redwood Campus, Student Center - (801) 957-4978
South City Campus - (801) 957-3361
Jordan Campus - (801) 957-2680
onlineadvisor@slcc.edu
www.slcc.edu/academicadvising

The mission of Academic and Career Advising is to develop an
interactive, informative and supportive environment where all
students can plan, explore, access resources, make decisions, and
evaluate their academic and career goals.

ADVISING SERVICES

ADVISORS CAN ASSIST YOU TO:
• Get started at SLCC
• Create an educational plan and/or set up a class schedule
• Learn about career and major options
• Understand assessment scores and establish the proper
  sequence of Math and English courses
• Help make connections with faculty and other departments
• Identify the courses needed toward graduation
• Develop strategies for success to overcome obstacles
• Obtain transfer information
• Find resources available at the College and the community
• Answer questions about school policies and procedures

Advising is also available to answer frequently asked questions
about employment opportunities, financial aid, student involve-
ment and activities.

Special advising services are available to members of the following
communities:

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<th>Community</th>
<th>Phone</th>
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<td>African American</td>
<td>(801) 957-4380</td>
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<tr>
<td>Polynesian</td>
<td>(801) 957-4474</td>
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<tr>
<td>Asian</td>
<td>(801) 957-5553</td>
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<tr>
<td>Hispanic/Latino(a)</td>
<td>(801) 957-4556</td>
</tr>
<tr>
<td>American Indian</td>
<td>(801) 957-4441</td>
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</tbody>
</table>

Advisors are available at the Taylorville Redwood, South City,
Miller and Jordan locations. For a listing of departmental pro-
gram advisors see www.slcc.edu/academicadvising. The general
Advising Office is located in the Student Center at Taylorville
Redwood Campus. Call (801) 957-4978 or visit
www.slcc.edu/academicadvising for further information about
our services.

CAREER PLANNING SERVICES

The information that you will receive from our Academic and
Career Advisors will assist you to:

• Learn what stage of career development you are in
• Identify your skills, values, interests, and personality
• Understand how occupations relate to majors
• Organize your career research
• Choose the best options for you at this time
• Successfully change your career path
• Identify barriers to success and develop strategies to
  overcome them
• Find out about learning resources available at the College
• Review your career choices in relation to areas of study/
  programs
• Complete your studies in a timely manner and achieve your
  career goals

You can access our services through one-to-one sessions, work-
shops, and online. In addition, our Career Library supports your
research by providing career encyclopedias, occupational books,
journals from professional organizations, and career assessment
tools such as the Myers-Briggs Type Indicator (MBTI), the
Strong Interest Inventory, and the Campbell Interest and Skill
Survey (CISS).

A free weekly 1 hour Career Clues Workshop introduces you to
self-assessments and occupational research and how they relate to
an SLCC area of study. For further information about Career Ad-
vising Center services, visit any Advising office, call
(801) 957-4978, or go to:
www.slcc.edu/academicadvising/careeradvising.

TRANSFER SERVICES

Taylorville Redwood Campus, TB 315 (801) 957-4978
transfercenter@slcc.edu
www.slcc.edu/transfercenter

Many students attend SLCC with the intention of transferring to
another college or university. The Transfer Center in Academic
Advising has resources such as college reference guides, catalogs,
_major information, articulation agreements for Utah schools,
and information to assist students in exploring their transfer
interests. Transfer activities are scheduled every semester which
include college fairs, campus visits, transfer workshops and major
orientations. Advisors in the general office and departments
can assist students in developing an effective transfer plan and
timeline. For transfer information see:
www.slcc.edu/transfercenter

For further information about how SLCC credits will transfer
and for transfer planning, see Transferring Credit in the THINGS
YOU SHOULD KNOW section of this Catalog.

ADVISING SERVICES FOR
STUDENTS WITH DISABILITIES

Students with disabilities seeking academic advising or
accommodations can do so through the Disability Resource Center
(DRC). Details are provided in this Catalog section under Disability
Resource Center.

ADVISING SERVICES FOR
INTERNATIONAL STUDENTS

International students receive advising services through the
International Student Services (ISS) office. Further information
is provided in this catalog under International Education online
at www.slcc.edu/iss.
STUDENT EXPRESS
Located on the second floor of the Student Center at the Taylorsville Redwood Campus, Student Express provides information regarding admissions, interpretation of Accuplacer, ACT, and SAT scores, selection of classes, registration, financial aid and other basic student questions. Staff is available to assist students in the Student Express Computer Lab with College online services (setting up MyPage accounts, class searches, registration, degree evaluation, etc.). Similar services are available at Jordan and South City locations.

ACCOUNTS RECEIVABLE
Taylorsville Redwood Campus SC001 (Lower level of the Student Center)
(801) 957-4480

Accounts Receivable manages the unpaid monies owed to Salt Lake Community College with the billing of students, staff, faculty and the general public. These accounts could result from unpaid:
- Tuition and Student Fees, Class Fees, Offsite Usage
- Other Fees may include Health & Wellness
- Dishonored Checks
- Fines for the Library and Parking Services
- Student Tuition Installment Plan (STIL)

CASHIER SERVICES
All Cashier Inquiries, (801) 957-4668
Taylorsville Redwood Campus, STC 005 South City Campus, W156
Cashier Express STC 351 Jordan Campus HTC 154
Miller Campus MPDC 110

Payments for tuition and fees may be made online with personal check, savings account transfer, credit card, or debit/credit card. Most other charges are accepted at any cashier location. Cashier Offices are open weekdays. Regular and extended hours are posted on MyPage, in the semester class schedule and at each location. Extended hours are provided during rush periods. Cashier Services will be closed on regularly scheduled holidays.

Students registering for courses or making class changes should view their student account on mypage.slcc.edu to verify account balance and that all transactions were completed. Payments or credits include authorizations sent to the College by various sponsors, VA authorizations, and financial aid recipients. Tuition payments may be made by personal check, savings account transfer, credit card, or debit/credit card, by going online to mypage.slcc.edu and clicking on the "Student" tab. Select "Make a Payment Here". Refund and financial aid checks are mailed to student's current mailing address or deposited electronically to student's bank account if student is enrolled in direct deposit.

CENTER FOR LANGUAGES
Taylorsville Redwood Campus, TB 418 - (801) 957-6057
www.slcc.edu/languagelab

The Center for Languages uses technology to promote teaching, research and the learning of languages. It is dedicated to helping students to develop and refine their communication skills, with an eye toward acquiring a knowledge of other cultures and becoming global citizens. The Center for Languages provides students and faculty a place to meet and interact in the various languages offered by SLCC, including American Sign Language, Chinese, French, German, Italian, Japanese, Navajo, Portuguese, Russian, Samoan, Spanish and Tongan. It offers free tutoring from qualified individuals.

TUTORING
The Center for Languages offers tutoring in all the languages taught on campus. Students enrolled in a language course can interact with and receive assistance from tutors with native or near native proficiency. The Center strives to establish a favorable learning environment through student-tutor interaction.

AMERICAN SIGN LANGUAGE (ASL)
At the Center for Languages, students can watch various ASL learning programs, communicate with their tutors, and videotape their assignments.

CHILD CARE AND FAMILY SERVICES/ECCLES EARLY CHILDHOOD DEVELOPMENT LAB SCHOOL
Taylorsville Redwood Campus - (801) 957-4567
www.slcc.edu/eccleslabschool

DAY PROGRAM
The Eccles Early Childhood Development Lab School provides licensed child care for children between the ages of two and five years. Fees are set according to a sliding scale. The School offers a quality program that meets intellectual, physical, social and emotional needs of developing children and provides participation opportunities for parents. The School is open from 6:45 a.m. to 5 p.m. when College classes are in session. For more information about preschool sessions, visit www.slcc.edu/eccleslabschool.

EVENING PROGRAM
Evening child care is provided at the Eccles Lab School for children between the ages of two and eight years. Evening child care is provided from 5:00 p.m. to 10:00 p.m. on Monday through Thursday nights when the College is in session. The cost for evening child care is $3.00 per hour. For more information, visit www.slcc.edu/eccleslabschool.

CHILD CARE FINANCIAL ASSISTANCE
Assistance is based on financial aid eligibility and credit hours enrolled. Assistance may be used for both the Eccles Early Childhood Development Lab School and licensed off-campus Child Care providers. For more information about Child Care Assistance, contact the Child Care Coordinator at (801) 957-4809.

COLLEGE STORES (BOOKSTORES)
Taylorsville Redwood Campus, Student Center - (801) 957-4045
South City Campus, E123 - (801) 957-3329
Jordan Campus, HTC 131 - (801) 957-2620
bookstore.slcc.edu

The College Store carries the required books, tools, and supplies needed to complete an educational program. Many other items such as computer hardware and software, computer supplies, paperback books, calculators, logo-imprinted sweatshirts, jackets and other miscellaneous items are available for students to purchase.
The cost of the books, tools and supplies varies with each course. A list of required items is available in every departmental office. The College Store hours are posted at each entrance.

**COMPUTER ACCESS**

Computers are available for student use at all SLCC sites. Call the Help Desk at (801) 957-5555 for locations and hours.

Academic programs with specialized computer needs are equipped with appropriate hardware and software. Computer lab fees may be assessed along with tuition for these classes. Please refer to the course schedule for computer lab requirements and fees for each course.

**CONCURRENT ENROLLMENT**

Taylorsville Redwood Campus, ATC 228 - (801) 957-4760  
www.slcc.edu/concurrentenrollment

**COLLEGE CREDIT IN HIGH SCHOOL**

A concurrent enrollment class is a college-level class offered to high school junior and senior students for high school and college credit. Concurrent enrollment students register for the class at both the high school and the College. While students earn high school credit, they also earn college credit which is recorded on a permanent college transcript. Through this program, students are able to enroll in certain introductory level SLCC courses offered on their high school campuses during their regular school day.

Concurrent Enrollment courses **offered in the high school** are taught by qualified high school faculty who meet the SLCC requirements for adjunct faculty. College faculty support and supervise these courses and work with the high school teachers as colleagues. Concurrent enrollment courses are a part of high school teachers’ normal teaching loads.

Courses taught at the high school are the same as courses taught on SLCC campuses. Instructor qualifications, texts, assignments, the number of exams, and grading requirements are all equivalent.

Placement Testing is required for some general education classes. Limited courses are also available on college campuses, where classes are taught by college instructors.

**WHY TAKE CONCURRENT ENROLLMENT CLASSES?**

- To get a head start on college courses
- To add a new challenge during the senior high school year
- To ease the transition from high school to college
- To reduce duplication of classes between the last years of high school and the first years of college
- To shorten time needed to earn a degree
- To help undecided students determine if college is the right option
- To develop study habits and critical thinking skills essential to success in college

**SAME CREDIT/NO TUITION**

Students are required to apply for admission to the College and pay the $40 admission application fee. Because state funding supports the cost of instruction and facilities, concurrent enrollment classes at the high school are offered to students with no tuition charges.

In addition, selected Concurrent Enrollment classes are offered on SLCC campuses without tuition or fees. In contrast, students who attend SLCC classes as Early Enrollment students do pay tuition and fees.

**EARLY ENROLLMENT**

Early Enrollment Advisor, (801) 957-4844 or 957-4215

An alternative program to Concurrent Enrollment is Early Enrollment. Academically qualified high school juniors and seniors may pay tuition and attend regular on-campus SLCC classes while still attending high school. For further information regarding this program and application deadlines, please visit www.slcc.edu/earlyenrollment.

**COPY CENTERS (PRINTING SERVICES)**

Taylorsville Redwood Campus, Main Office, ATC 109 - (801) 957-4157  
Taylorsville Redwood Campus, STC, Center Court 100E - (801) 957-5197  
Jordan Campus, HTC 311 - (801) 957-2678  
South City Campus, N121 - (801) 957-3301  
www.slcc.edu/printingservices

The SLCC Printing Services copy centers offer a full array of document and printing services. Full services include black & white digital copying, color digital copying, document scanning, document layout, books, flyers, brochures, postcards, document binding, document folding, cutting, a variety of finishing options, paper supplies, laminating, transparencies, large format printing, document or photo enlargements, photo restoration, canvas prints, mounting, posters, vinyl banners, vinyl lettering, signs, custom magnets, custom car decals, custom calendars, custom design services, wedding invitations, custom t-shirts, faxing, mailing, and FedEx services. Come support your college copy centers, a convenient and prompt method for your document and printing needs. Email your request to: www.copycenter@slcc.edu.

**CREDIT UNION**

Taylorsville (801) 545-7002  
Jordan (801) 545-7004  
South City Campus, W135 (801) 545-7003  
All other branches (801) 325-6228  
www.macu.com

Membership eligibility at Mountain America Credit Union is a benefit offered to all students, faculty, staff, and alumni of Salt Lake Community College. Opening an account is easy! Simply bring your $25 deposit and valid Driver’s License to any Mountain America Credit Union branch, located near most of the SLCC campuses throughout the valley. Mountain America Credit Union offers upgraded benefits to students, such as free checks, free VISA debit card, student loans, and an opportunity to establish good credit with “Credit Builder” programs. Students can securely access their accounts anytime through the credit union’s web page at www.macu.com. With competitive rates and lower fees than other financial institutions, remember Mountain America Credit Union for auto loans, VISA credit cards, mortgage loans, retirement accounts, and Certificates of Deposit. Mountain America Credit Union is proud to be a partner of Salt Lake Community College.
DISABILITY RESOURCE CENTER

The Disability Resource Center (DRC) provides services and accommodations for students with documented disabilities who need assistance with educational, physical and/or program accommodations while pursuing their education. Services are available at all SLCC sites. To become eligible for services, students must complete an application for the DRC and provide qualified medical and/or psychological documentation of their disabilities. Services are designed to accommodate the limitations of the disability and are approved on an individual basis, as well as reevaluated each semester. DRC is also available for consultation, training and assistance to faculty, staff, and outside agencies. See our website for complete information about services and procedures.

DRC SERVICES
- Advising and Counseling
- Transition assistance
- Early registration
- Liaison with community agencies, faculty and staff
- Assistive technology
- Adaptive equipment
- Accommodated testing services
- Interpreting for the deaf
- Learning strategies training
- Notetaking, reading, and scribing
- Alternative text services
- ADA information

ENROLLMENT SERVICES

Enrollment Services offices provide a wide range of admissions, registration, and student records services. See specific service listings for more details.

www.slcc.edu

Taylorville Redwood Campus, SC 270 - (801) 957-4298
South City Campus, W 138 - (801) 957-3350
Jordan Campus, HTC 160 - (801) 957-2680
Miller Campus, MFEC 128 - (801) 957-5200
Library Square -(801) 957-5200
Meadowbrook (801) 957-5821
School of Applied Technology Enrollment Services: South City Campus, W 137D, (801) 957-3354
Taylorville Redwood Campus, SC 242A, (801) 957-4097

FINANCIAL AID ASSISTANCE

Taylorville Redwood Campus, Student Center - (801) 957-4410
South City Campus, Student Services Area - (801) 957-3352
Jordan Campus, JTIB 160 - (801) 957-2682
Miller Campus, MFEC 128 - (801) 957-5200
www.slcc.edu/financialaid

For details about Financial Aid processes and requirements, see Financial Aid in the THINGS YOU SHOULD KNOW section of the Catalog.

FOOD SERVICE

Food Service is available for students, faculty, staff and guests. Food Service provides beverages, snacks, breakfast, sandwiches, grill service, salads, pasta, Mexican food, and hot entrees at reasonable prices.

The Taylorville Redwood Campus Student Center features Brunin Bites Food Court featuring six popular branded vendors, including: Nuevo Café, Cobblestone Sandwich Shop, Chef Tom’s Pizza & Pasta, Golden Seas Chinese food, Starbucks Coffee, Smoothie Kiosk and the Campus Diner. Formal and informal indoor seating and a spacious patio offer a variety of options to the diner.

The South Campus features the South Side Express. The Miller Campus offers meals at the Miller Grill. The Jordan Campus has the JC Café. Check each location for times of operation and specific menus.

Vending machines are also located at all campus locations. The SLCC Food Service also provides complete banquet, catering services and take-out.

HEALTH AND WELLNESS SERVICES

Student Health Clinics
Taylorville Redwood Campus, SC 048 - (801) 957-4347
South City Campus, W 175 - (801) 957-3333
Health and Wellness Offices
Taylorville Redwood Campus, SC 045 - (801) 957-4268
South City Campus, W 175 - (801) 957-3333
www.slcc.edu/hw

Health and Wellness is a student centered professional partner providing access to medical services, counseling, health promotion and massage utilizing integrated therapeutic approaches to care. We believe that health and learning are interdependent and our mission is to guide and empower students to achieve academic success and a lifelong pursuit of health.

Health and Wellness Services strives to keep students healthy, performing at their optimal ability, prepared to pursue lifelong wellness, and achieve academic success. The Health and Wellness staff of health educators, social workers, massage therapists, and medical providers can offer educational experiences, training, support and care to keep students well, and to help students overcome illnesses should they become sick.

Health & Wellness Services:
- Counseling
- Medical Clinic
- Massage
- Health Education & Promotion

Health and Wellness Services also serves faculty and staff for a minimal charge. Contact Health and Wellness Services for additional information about specific services or visit www.slcc.edu/hw

See Also: INSURANCE.
HOST FAMILY PROGRAM
SLCC serves approximately 350 international students from 70 countries on our campuses. Our goal is to connect people from the College, the local community and from the world to form a bridge for international awareness.

The Host Family Program is one of our intercultural programs designed to give both students and families an intercultural experience. Its purpose is to enhance understanding between the people of the United States and the people of other countries through educational and cultural exchanges. SLCC believes that hosting international students provides important opportunities for students to adjust and learn about U.S. culture while helping to prepare American students to live and work in a global environment. We believe that the need for increased international and intercultural understanding has never been greater. For more information about the SLCC Host Family Program and how you can get involved, contact International Student Services at (801) 957-4528 or www.slcc.edu/hostfamily.

For more information about the SLCC Host Family Program and how you can get involved, contact International Student Services at (801) 957-4528 or www.slcc.edu/hostfamily.

HOUSING
Students moving to Salt Lake City to attend Salt Lake Community College should make living arrangements in advance. International Student Services offers a Host Family Program. In addition, we provide a list of apartments in the area.

On-campus housing is not available.

APARTMENTS
A list of apartments is available through the International Student Services webpage International Student Services (801) 957-4528 www.slcc.edu/iss.

INSURANCE
STUDENT ACCIDENT INSURANCE
Accident insurance is provided for students enrolled at SLCC. The policy provides limited secondary coverage for accidental injury while attending a school sponsored activity. For more information, please contact the SLCC Office of Risk Management at (801) 957-4533.

INTERNATIONAL STUDENT HEALTH INSURANCE
Health Insurance is required for international students. Proof of insurance meeting SLCC health standards and deadlines for submission are available at www.slcc.edu/iss.

INTERNATIONAL EDUCATION
International programs at SLCC include services for international students studying at SLCC and services for students and faculty wishing to have an international experience.

INTERNATIONAL STUDENT SERVICES
Taylorsville Redwood Campus, Student Center 234 (801) 957-4528, FAX (801) 957-4432 www.slcc.edu/iss

International Student Services assists international students in making smooth transitions into successful academic careers and social experiences while studying at SLCC. International Student Services provides:

- International admission services
- Pre-arrival information
- New International Student Orientation
- Immigration-related document processing
- Foreign student/immigration advising (SEVIS)
- Academic, cross-cultural and personal counseling
- Intercultural programming

International Student Services presents workshops and programs on international issues to students, faculty, and staff, as well as answering questions relating to international students' needs and requirements. ISS serves as liaison between SLCC and the U.S. Citizenship and Immigration Service and the Department of State.

For further information about International Student Admissions at SLCC, refer to Admissions in the THINGS YOU SHOULD KNOW section of this catalog.

STUDY ABROAD
Taylorsville Redwood Campus, CT 258 - (801) 957-4593

Students have the opportunity to participate in a variety of study abroad programs. Participants study in another country and may earn credit. All participants gain valuable insights into other cultures and further their understanding of international issues.

INSTRUCTIONAL TESTING CENTER (ITC)
Taylorsville Redwood Campus, Construction Trades Building (CT), Suite 070 (beginning Fall 2010)
South City Campus, NaS5 (beginning Fall 2010)
(801) 957-4406 or 1(888) 963-SLCC (7522)
www.slcc.edu/online

The ITC is available to facilitate in-person testing for online coursework. The ITC has locations on multiple campuses and provides a friendly testing environment to ease the stress of test taking. We are open extended hours (day/evening) to accommodate the online student.

LEARNING RESOURCES
LIBRARY/MEDIA SERVICES
Taylorsville Redwood Campus:
Markosian Library - (801) 957-4195
Media Center - (801) 957-4199
South City Campus: Library/Media, E006 (801) 957-3432
Jordan Campus: Library/Media - (801) 957-2661

Hours of operation are listed on the ELIE Portal Web site. libweb.slcc.edu

The library system has 104,570 print books, 777 print periodical subscriptions, over 45,000 e-books, 447 e-journals, 81 electronic databases with full-text articles, indexing, and indexing/abstracting services, 20,707 media items and over 6,000 educational videos are available on demand through the ELIE portal.
The library provides online services and information through the ELIE web portal. This includes the library catalog, article databases, subject guides, live reference help, learning tools, community resources, a College directory and institutional information.

Library staff provides research assistance to students, including instruction on the effective use of library and online resources. They can help locate and acquire print materials from anywhere in Utah and across the United States through Inter-Library Loan.

The Markosian Library at the Taylorsville Redwood Campus provides group and quiet study areas; individual and group media viewing areas; coin-operated copy machines; a student lab with 107 computers; laptops available for checkout; wireless internet; as well as the ELIE café and lounge. The South City and Jordan Campus Libraries offer some, but not all of these services.

A current SLCC OneCard ID is required to checkout materials, to use the computer lab, and for printing.

MULTICULTURAL INITIATIVES CENTER
Taylorsville Redwood Campus, SC 236 - (801) 957-4954, FAX (801) 957-4958
South City Campus, Student Services Area, W-137A
(801) 957-4834, FAX (801) 957-3374
www.slcc.edu/multicultural

The Multicultural Initiatives Center is a vital resource for students from diverse communities as well as the entire College. The Center offers assistance in gaining access to SLCC’s programs, contacts, and opportunities that promote diversity and multiculturalism. The Multicultural Center is located on the second floor of the Student Center within the Student Involvement Center, and at South City Campus.

The Multicultural Initiatives Office is committed to the promotion, implementation and enhancement of diversity and multiculturalism across the college campus. Staff addresses student, faculty and staff questions and concerns about issues such as: cultural/ethnic awareness; self-empowerment through education and access; diversity issues within the College’s policy and procedures; and increasing community involvement in College activities.

In addition, the Center supports the work of Ethnic Academic Advisors who meet with ethnic minority members, high schools, and community groups to promote awareness of SLCC. The staff and advisors assist students, faculty, and staff at the College in understanding and welcoming diverse cultures attracted to and served by SLCC’s unique environment. Advisors are available to provide special assistance to members of the following communities:

- African American (801) 957-4380
- Polynesian (801) 957-4474
- Asian (801) 957-5553
- Hispanic/Latino(a) (801) 957-4556
- American Indian (801) 957-4441

MYPAGE ONLINE SYSTEM
mypage.slcc.edu

MyPage is a comprehensive, secure intranet portal serving the needs of SLCC students, faculty, and staff that provides world-class online services:

- E-mail Account
- Student Records and Services:
  - Class Registration
  - Schedule
  - Tuition Payment
  - Grades
  - Financial Aid

Students will find that MyPage is the easiest and the most convenient way to register for classes, view semester class schedules, pay tuition and fees, and learn about special student services. Students are assigned a MyPage username and Student Identification Number (SID or “S” number) within two business days of application to the College. New students may obtain a MyPage username and password by going to mypage.slcc.edu and clicking on “Get your username and password (New Users).” When students enter the information requested, MyPage username and password will be displayed. The SID number required for MyPage login can be found on the College Acceptance Letter; students may also obtain an “S” number on campus by providing a photo ID at Enrollment Services or the OneCard ID Center at Taylorsville Redwood, South City, Jordan, and Miller Campuses or at the College’s Library Square Center.

ONECARD ID CENTERS
Taylorsville Redwood Campus, Courtesy Desk - (801) 957-4022
South City Campus, E148 - (801) 957-3407
Jordan Campus, Courtesy Desk - (801) 957-2600
Miller Campus, PSET Lobby - (801) 952-5444
www.slcc.edu/onecard/

OneCard is the official ID card for SLCC. Students must be registered (enrolled in classes) to obtain a OneCard. Students are required to have a OneCard to participate in the following activities and services:

- Access to the Lifetime Activities Center for facilities and events.
- Use as a library card.
- Serves as a debit card for purchases at food court establishments, college store books and supplies, the Lair, vending machines and copy center.
- Serves as a debit card for tuition and fee payments.
- Voting card for student elections.
- ID for computer lab access and printing services.
- ID for test taking at testing center.
- ID in conjunction with UTA EdPass.

OneCard ID Centers are located at the Taylorsville Redwood, South City, Jordan and Miller Campuses. Call (801) 957-4022 or visit our website at www.slcc.edu/onecard for further information about obtaining a OneCard and the services we provide.

PARKING SERVICES

PERMITS AVAILABLE AT:
Taylorsville Redwood Campus, GFSB 103 - (801) 957-4011 Main Office
South City Campus - Cashier or Courtesy Desk
Jordan Campus - Cashier or Courtesy Desk
Meadowbrook Campus, Front Desk Bldg. B
Taylorsville Redwood Campus - Cashier or Courtesy Desk

PARKING PERMITS

All vehicles are required to have a permit at the Taylorsville Redwood Campus, South City Campus, Jordan Campus and Meadowbrook Campus. Student’s parking permits cost:
Student Annual Permit $30.00
Student Semester Permit $15.00
Month Permit $5.00
Week Permit $3.00
Day Permit $1.00

ALL PERMITS MUST BE DISPLAYED CORRECTLY IN VEHICLE TO BE VALID.

PERMITS ARE VALID ONLY FOR THE VEHICLES REGISTERED TO THEM.

To purchase a permit, please bring your vehicle’s current registration. If you do not have a current registration you may purchase a month permit for $5.00 each month.

If one vehicle is registered, one sticker will be issued. You must bring in two or more current registrations before a hang tag can be issued.

If a parking permit is lost or stolen during the course of the year, you must purchase a new one. If you change vehicles, please bring in the original permit sticker and registration for a new one, at a cost of $1.00.

Disable Parking requires a SLCC disable permit and state placard. Only the owner of the disable placard may buy and use the permit. Please bring in disable placard and vehicle registration when buying permit. Disable permits cost: $10.00 annual and $15.00 semester.

ALL ANNUAL PARKING PERMITS EXPIRE ON AUGUST 31, OF EACH YEAR

PARKING METERS
Parking meters are available at all campuses for visitors. Permit does not authorize parking at meters without paying.

For complete parking information and regulations go to www.slcc.edu/parking.

PLACEMENT TESTING
Taylorville Redwood Campus, CT 033 - (801) 957-4269
Jordan Campus, HTC 302 - (801) 957-2606
South City Campus, W125 - (801) 957-3249
www.slcc.edu/testing

COMPUTERIZED PLACEMENT TESTING
All degree seeking (matriculated) students must complete the Accuplacer before they register for any classes. The SLCC Testing and Placement Centers at Taylorville Redwood, South City and Jordan Campuses administer the Accuplacer each weekday on a walk-in basis. No appointment is necessary. A photo ID is required to take the placement. The Accuplacer is un-timed; students may take as much time as needed. The Accuplacer is not graded on a pass/fail basis. Scores are used for class placement. Retests are limited to English one time per semester; Math two times per semester. Recent ACT or SAT scores (less that two years for English and less than one year for math) may be used in place of Accuplacer for class placements. Students who have taken the ACT or SAT recently should submit their official scores to Enrollment Services for evaluation. Transfer students with recent math or English credit from another institution may be eligible to clear all or part of the placement assessment requirements. If you are transferring into SLCC, please visit our website at www.slcc.edu/transcriptevaluation to learn how to have your prior credits evaluated. You may not need the placement assessment.

CREDIT BY EXAMINATION:
CLEP AND CHALLENGE EXAMS
For details on earning College credit through the College Level Examination Program (CLEP) or Challenge Exams, see Credit by Exam in THINGS YOU SHOULD KNOW in this Catalog.

GENERAL EDUCATIONAL DEVELOPMENT (GED) EXAM
The GED test is available for students wishing to obtain credit toward a high school or GED diploma. A fee is charged. Age requirements do apply. Picture ID required. Check with the Taylorville Redwood Testing and Placement Center at (801) 957-4269, or the School of Applied Technology Testing and Placement Center at South City Campus, (801) 957-3249, for further information.

SCHOOL OF APPLIED TECHNOLOGY TESTING SERVICES
School of Applied Technology Testing Services, at South City Campus, helps individuals make realistic career decisions based on assessment of academic skills, learning aptitudes, vocational interests, plus occupational and labor market information.

Additional services include:
- GED Testing
- Nursing Assistant Certification
- International Society of Certified Electronics Technicians (ICET)
- Police Officer Selection Test (POST)

For further information, please contact the School of Applied Technology Testing Services at South City Campus. Room W124, (801) 957-3249.

RECREATIONAL AND ATHLETIC FACILITIES
Taylorville Redwood Campus
Lifetime Activities Center - (801) 957-5808
South City Campus, Fitness Center - (801) 957-3400
www.slcc.edu/lac

SLCC provides a variety of gymnasium and athletic facilities for students’ personal and course-related use. The Taylorville Redwood Campus Lifetime Activities Center offers a gymnasium, an indoor track, racquetball courts, a strength room, and a fitness center that are available throughout the day and evenings, Monday through Saturday. South City Campus offers a fitness room and gymnasium.

Students may use all recreational facilities and participate in recreational programs FREE of charge with current student ID.

Athletic facilities are located in Lifetime Activities Center to include Arena, Team locker rooms, Team room, Training room, Fitness and Strength facilities, Flirting facilities, and Auxiliary gym. Additionally, there is Cate Field for Baseball, the Bruin Softball Field and Bruin Soccer field. www.slcc.edu/athletics

Students may attend all home athletic events FREE with current student ID.

SCHOOL RELATIONS
Taylorville Redwood Campus, SC 256 - (801) 957-4105
www.slcc.edu/schoolrelations

School Relations staff directs all aspects of outreach and recruitment efforts for prospective students. The staff is committed to assisting prospective students and their parents, high school
counselors and other public school staff with information regarding degree and program options, financial aid, scholarships, activities and clubs and campus events.

Events such as early college outreach activities, college awareness events, open house activities, activities involving special interest groups, and programs for junior high school students are also offered.

This department also participates in GEAR UP, (Gaining Early Awareness and Readiness for Undergraduate Programs), a federally funded program designed to increase the number of low income students in junior high and high school prepared to enter and succeed in post secondary education.

**SLCC ONLINE**

Taylorsville Redwood Campus, Technology Building (TB), Suite 216
Moving in Fall 2010 to Construction Trades Building (CT), Suite 070
Jordan Campus, High-Tech Center (HTC), Suite 115
(801) 957-4406 or 1(888) 963-7522 (SLCC)
South City Campus, Suite N25 (beginning Fall 2010)
(801) 957-4406 or 1(888) 963-7522 (SLCC)
www.slcc.edu/online

SLCC Online is the College’s virtual campus. From SLCC Online, you can access over 165 different course offerings that allow you to Step Ahead: Anytime, Anywhere. Courses are offered online, through television broadcast, web/video conferencing or even by DVD.

For a listing of current offerings and how to get started, join us online at www.slcc.edu/online.

**SUPPORT CENTERS**

SLCC Online provides a myriad of services to assist students in the online classroom. Support staff are available to answer questions about registration, instructor contact information, exam proctoring and how to get started. You can contact us in-person, by phone or online chat.

**SOCIAL MEDIA DIRECTORY**

The following departments have Social Media sites as listed below. For live links please go to the Services and Resources for Students section in the online catalog. slcc.edu/catalog.

**Twitter**
- Follow Academic & Career Advising
- Follow Bruin Athletics
- Follow the Grand Theatre
- Follow Student Life & Leadership
- Follow the Thyane Center for Service & Learning

**Blogs**
- Academic & Career Advising
- Bruin Athletics
- The Grand Theatre

**YouTube**
- See videos from the Thyane Center

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**STUDENT CENTERS**

Student Information and Questions
Taylorsville Redwood Campus - (801) 957-4298
Jordan Campus - (801) 957-2670
South City Campus - (801) 957-3307

Taylorsville Redwood Student Center Operations - (801) 957-4075

SLCC’s Student Centers are the social, cultural and recreational centers for students, faculty, staff, alumni and guests of the College.

The **Taylorsville Redwood Campus Student Center** houses many Student Services including: Enrollment Services, Student Express, Academic and Career Advising, Financial Aid, Cashiering, Multicultural Initiatives Office/Multicultural Center, International Student Services, Disability Resource Center, Veteran Affairs, Health Clinic, Health and Wellness Services, the Thyane Community Service Center, College Store, Bruin Bites Food Court, Student Association office and student clubs offices, Courtesy Desk, Contact Center, ‘OneCard’ ID Center, Mountain America Credit Union, and the Student Center and Student Services administration offices.

The Student Events Center and patio, located on the west end of the Taylorsville Redwood Campus Student Center, is used for large and small meetings, dances, entertainment and outdoor food events. ‘The Lair: Food, Games and Fun’ and a ‘Quick Stop’ Convenience Store provide students with fast food options while the full service Bruin Bites Food Court provides more substantial menu selections.

The Student Events Center and patio, located on the west end of the Taylorsville Redwood Campus Student Center, is used for large and small meetings, dances, entertainment and outdoor food events. ‘The Lair: Food, Games and Fun’ and a ‘Quick Stop’ Convenience Store provide students with fast food options while the full service Bruin Bites Food Court provides more substantial menu selections.

The **Jordan Campus Student Pavilion** serves as the student gathering place on the Jordan Campus. Meeting room facilities, a warming kitchen, a small auditorium, and comfortable lounge areas surrounding a fireplace provide space for entertainment, study and relaxation.

Vending machines, courtesy telephones, copy machines and two ATMs are also available in the Taylorsville Redwood Campus Student Center.

Meeting facilities and services are available for outside groups and reservation requests may be made through the Student Center administrative offices at (801) 957-4076.

The **Jordan Campus Student Pavilion** serves as the student gathering place on the Jordan Campus. Meeting room facilities, a warming kitchen, a small auditorium, and comfortable lounge areas surrounding a fireplace provide space for entertainment, study and relaxation.
The South City Campus Student Center is located on the east side of the campus building near the Bookstore and Library. It is a one-stop-shop for information, student IDs, UTA passes, parking permits, and main cashiering services. Due to renovation, our Food Service is currently located in the east foyer.

**STUDENT EMPLOYMENT AND COOPERATIVE EDUCATION**

Taylorville Redwood Campus, AD 105 - (801) 957-4014  
South City Campus, W 134 - (801) 957-4004  
Jordan Campus, HTC 164 B - (801) 957-4218  
Miller Campus - (801) 957-4014  
Meadowbrook Campus - (801) 957-4014  
Library Square - (801) 957-4304  
Airport Campus - (801) 957-4014  
www.slcc.edu/seces

SLCC Student Employment and Cooperative Education (CO-OP) office blends three separate, but closely related services:

- CO-OP Education/Internships/Work-based Learning
- Student Employment
- Student Employment Services for Special Populations

Services include full-time career and training-related employment services, part-time and temporary employment, internships and work-based learning.

**COORDERATIVE EDUCATION/INTERNSHIPS/WORK-BASED LEARNING**

Cooperative Education Services help students gain a variety of work experience opportunities to assist in their transition from education to employment.

Cooperative Education (CO-OP) is a program that integrates course work with study-related work experience. Cooperative Education offers opportunities for students to complete portions of their educational goals through new learning associated with employment/internships. Cooperative Education is a partnership involving employers, educational institutions, and students. Using learning objectives, CO-OP students earn college credits, which apply toward diploma, certificate, or degree programs. In some programs, CO-OP may be substituted for lab classes with faculty approval. Because CO-OP course requirements are based primarily on regular periods of study-related work and are individualized for each participating student, it is not possible to audit or challenge a CO-OP course.

In most cases CO-OP and internship students receive pay or remuneration for work performed. To ensure against exploitation, a student may not be involved in an unpaid work experience with the same employer for more than one semester without review by the CO-OP office.

**CO-OP/INTERNSHIP/WORK-BASED LEARNING BENEFITS:**

- A better understanding of relationships between education and the world of work.
- More meaningful academic experiences through working with professionals in the field.
- Opportunities to work with equipment, facilities and processes that cannot be duplicated in college classrooms or laboratories.
- Opportunities to fine-tune basic skills for heightened professional competence.
- Earnings to apply toward living or educational expenses.
- Opportunities to combine theory with practice in completing the educational process.
- Development of a study-related work history (for inclusion in a resume).
- Credit toward college degree, diploma, or certificate.

Before registering for a CO-OP/internship/work-based learning course, students are required to have employment or an internship in a study-related job and must obtain an approval form to register from a CO-OP Specialist. Students who wish to participate in CO-OP, but who do not have employment or an internship in a study-related position, should come to the Student Employment Office at least one semester in advance for assistance in finding an appropriate CO-OP opportunity. More specific information on each CO-OP program may be found in semester class schedules. Students should contact a Student Employment Specialist to determine whether their current job qualifies for CO-OP credit.

If CO-OP is not listed in a specific major, please inquire at a CO-OP office (listed above).

**STUDENT EMPLOYMENT SERVICES**

SLCC Student Employment Services is committed to providing quality service to students seeking employment. Although employment cannot be guaranteed, SLCC provides assistance to students seeking training-related and career employment, and to students seeking part-time, temporary, and non-training related employment. SLCC Student Employment Services recognizes the need to help students prepare to compete successfully for employment by offering job seeking skills workshops. SLCC Student Employment Services include the following:

- Development of employment opportunities for SLCC students
- Updated listings of employer request (job orders) posted in strategic areas throughout all the SLCC campuses, sites, and online at www.slcc.edu/seces
- Interviewers to help match student skills with employer requests
- Workshops to teach job search strategies, resume writing, interview techniques, job retention skills, networking, and job research techniques
- Mock interviews
- Labor market information
- Appropriate referrals to service agencies

Job listings are available online at www.slcc.edu/seces.
EMPLOYMENT SERVICES FOR INTERNATIONAL STUDENTS
International Students may work part-time on campus (up to 20 hours per week). Information on procedures to work on campus must be obtained from International Student Services. International students wishing to work off campus must qualify, and be authorized, through International Student Services.

EMPLOYMENT SERVICES FOR SCHOOL OF APPLIED TECHNOLOGY STUDENTS
The School of Applied Technology is committed to helping students obtain employment upon completion of their training. Students work with an Employment Specialist who provides services for the training program they are attending. Students can also visit one of the School of Applied Technology Employment Services locations to receive assistance. The location and hours for School of Applied Technology Employment Services are: W136 at South City Campus, 8 a.m. to 4:30 p.m., or by appointment, phone: (801) 957-3354 or fax: (801) 957-3283, Monday through Friday. School of Applied Technology Employment Services provides additional resources to School of Applied Technology students, as outlined in the School of Applied Technology section of this catalog.

STUDENT LIFE AND LEADERSHIP

ALUMNI ASSOCIATION
Taylorville Redwood Campus, STC-021 - (801) 957-4838
www.slc.edu/alumni

The Alumni Association assists alumni meet educational and professional goals. It accomplishes this by providing special benefits, sponsoring events and seminars three times per semester, and providing real-life and online networking and mentoring opportunities. The Association is lead by the SLCC Alumni Council. The SLCC Alumni Council is made up of former students and interested community members. To qualify as an alum, you must have taken only one class—either for credit or not-for-credit. To take advantage of alumni benefits you must have an alumni OneCard, which you can purchase at the Information/Student ID desk for $5.00.

ATHLETICS (GO BRUINS!)
Taylorville Redwood Campus, Lifetime Activities Center (LAC)
(801) 957-4515
www.slc.edu/athletics

SLCC Athletics sponsors men's and women's basketball, women's volleyball, men's baseball and women's softball, all known as the Bruins. Volleyball and basketball games are played in the Lifetime Activities Center (LAC) at Taylorville Redwood Campus. Baseball is played at the Cate Field at Jordan Campus. Softball is played at the SLCC softball diamond on Taylorville Redwood Campus.

Students, faculty, staff and community members are invited to join the Bruin Club, the fund-raising arm of the athletic program. Students have FREE admission to all home Bruin athletic events with current student ID card (guests only $2).

SLCC intercollegiate athletics is a member of the National Junior College Athletic Association (NJCAA) Region XVIII, the Scenic West Athletic Conference. The SWAC also includes North Idaho, Snow College, College of Eastern Utah, Colorado Northwestern, Southern Idaho, Western Nevada, and College of Southern Nevada. Student athletes must comply with the eligibility regulations of the NJCAA and the SWAC conference.

CAMPUS RECREATION
Lifetime Activities Center (LAC) Desk - (801) 957-5808
SBC Fitness Center (801) 957-3407
Extramural sports (801) 957-4078
Sport Clubs; Student Association - (801) 957-4015
www.slc.edu/recreation

Campus recreation opportunities include open recreation, extramural sports, and sport clubs.

OPEN RECREATION
Open recreation times are available at both Taylorsville Redwood and South City Campuses.

TAYLORSVILLE REDWOOD LIFETIME ACTIVITY CENTER (LAC):
Strength Room
Fitness Center
Gymnasium
Racquetball Courts

SOUTH CITY
Fitness Center

Competitive team recreation opportunities are available in golf and tennis. These teams play a limited schedule against other Utah community colleges. Contact Lisa Peshell (801) 957-4078

SPORTS CLUBS
SLCC also provides competitive opportunities through Sports Clubs organized by students and their advisors:

- Men's Volleyball
- Men's & Women's Soccer
- Rodeo
- Cheer Squad

For further information contact Student Life and Leadership Office (801) 957-4015

SLCC STUDENT ASSOCIATION/STUDENT LIFE AND LEADERSHIP OFFICES
Jordan Campus, SP 201 - (801) 957-2855
Taylorville Redwood Campus, SC124 - (801) 957-4015
South City Campus, E174 - (801) 957-3434
www.slc.edu/sl

All students who are registered and have paid their student fees are members of the Salt Lake Community College Student Association (SLCCSA). The student Executive Council provides leadership to the SLCCSA. Students are represented by the Executive Council and the Student Senate on various SLCC boards and committees to bring forth student issues and concerns.

SLCCSA is housed in the Student Life and Leadership Offices at Jordan Campus - Student Pavilion, Taylorville Redwood Campus - SC124 and South City Campus - E174. Activities and events are held at each campus. Volunteers are needed in all areas to assist in developing, implementing and promoting different activities.

THE SLCC STUDENT ASSOCIATION EXECUTIVE COUNCIL
The Executive Council is made up of eight positions which include the SLCCSA President, who sits on the Board of Trustees; the Executive Vice President, who presides over the Student Senate; Jordan Region Vice President, who serves the students at the Miller Center, and the Jordan Campus; South City Region Vice President, who serves the students at Airport Campus, Library Square and South City Campus; the Taylorville Redwood...
Activities Vice President, who provides activities for Meadowbrook Center and the Taylorsville Redwood Campus; the Fine Arts Vice President, who provides cultural fine arts events and lectures for the student body; the Clubs and Organizations Vice President, who supports student clubs and organizations; and the Public Relations Vice President, responsible for all marketing and publicity. Elections are during Spring Semester, but positions on boards are open several times a year.

STUDENT SENATE
The Student Senate is made of senators from all campuses. Each senator’s objective is to talk with students and help them with issues and concerns. They may be reached through the Student Life and Leadership Offices or email studentissues@slcc.edu.

STUDENT LIFE AND LEADERSHIP ELIGIBILITY
SLCC students are invited to apply for positions on the many boards and committees. To be eligible a student must have and maintain a 2.5 semester/term GPA and complete nine credit hours per semester. Applications are available in any SL&L office.

SLCCSA CLUBS AND ORGANIZATIONS
The Clubs and Organizations office is housed in the Student Involvement Center at Taylorsville Redwood Campus SC 236 or (801) 957-4094. Students who are interested in joining or starting a club or organization are encouraged to talk with the Clubs and Organizations Vice President. Club organizing information is also available at the Student Life and Leadership Offices at Jordan and South City. A list of active clubs and organizations is available in any Student Life and Leadership Office or at www.slcc.edu.

THAYNE CENTER FOR SERVICE & LEARNING
Taylorsville Redwood Campus, Student Center 020 - (801) 957-4555
Facebook: Thayne Center SLCC
Twitter: @thaynecenter
Blog: slccthaynecenter.blogspot.com
www.slcc.edu/thaynecenter

The Thayne Center for Service & Learning unites Salt Lake Community College with our greater community through civic participation, service-learning, and volunteerism. The Thayne Center is a valuable resource for those seeking to get involved with local non-profits and community agencies.

Student leaders working with the Thayne Center plan and coordinate service projects throughout the year. Projects may include volunteer opportunities, or donation drives for community partners. SLCC students may also participate in programs such as Alternative Spring Break, AmeriCorps, America Reads, Service Council, and the Civically-Engaged Scholar Program.

Students may also enroll in service-learning classes, which combine community service with academic instruction. Service-learning focuses on critical, reflective thinking, as well as personal and civic responsibility. The Thayne Center's service-learning program cultivates community partnerships, facilitates course development, and supports faculty who engage students and the community in this innovative pedagogy.

CIVICALLY-ENGAGED SCHOLAR PROGRAM
Students who wish to challenge themselves intellectually and personally may become Civically-Engaged Scholars. Scholars enroll in a specific track based on their interests and areas of study. The Civically-Engaged Scholar program requires volunteer service as well as service-learning coursework, a one-credit foundation course, and a capstone project that combines academic goals with community interests. Upon completion of the program, students receive special recognition at Commencement and the Civically-Engaged Scholar distinction is noted on their transcripts. This program transfers to the University of Utah's Service-Learning Scholar Program.

TRiO PROGRAMS
SLCC hosts two TRiO programs funded by the U.S. Department of Education: Student Support Services and Educational Talent Search (ETS College Bound). These federally funded educational opportunity programs assist first generation students (parents did not graduate from college) who meet a low income guideline to prepare for and pursue postsecondary education.

STUDENT SUPPORT SERVICES
Taylorsville Redwood Campus, PO 3 - (801) 957-4089
www.slcc.edu/ss

Student Support Services works in partnership with students to accomplish goals and make the most of the college experience. Through a wide range of academic and personal support activities, students are assisted in planning a systematic program that will meet their educational, social and personal development goals. Students identify their strengths and interests which will help them develop skills for life-long learning.

Services include:
- Proactive academic advising and educational planning
- Financial aid counseling and scholarship application assistance
- Small group and individual content tutoring
- Math and study skills workshops
- Transfer preparation and campus visits to four-year institutions
- Career exploration
- Information and referral to campus and community resources.

ETS COLLEGE BOUND
Taylorsville Redwood Campus, PO 2 - (801) 957-4089
www.slcc.edu/etscollegebound

ETS College Bound works with junior, middle, and high school students to encourage them to complete high school and attend college. SLCC partners with Granger High, West High, Valley Jr. High, West Lake Jr. High, Bryant Middle School, and Northwest Middle School.

TUTORING RESOURCES
CENTER FOR LANGUAGES
Dedicated to helping students develop their communicative skills in the target language through audio/video language learning programs and computer-based language programs. Please see Center for Languages.

LEARNING CENTER PROGRAMS
Taylorsville-Redwood Campus:
Learning Center, TB 213 (801) 957-4172
Student Writing Center, AD 218 (801) 957-4893
Open Computer Lab, TB 221 (801) 957-4178
ESL Lab, TB 213 F (801) 957-4026
Reading Center TB 430 (801) 957-4581
Focused Tutoring TB 213 (801) 957-4138

South City Campus:
Learning Center, N308 (801) 957-3261
Reading Center, W268 (801) 957-4581

Jordan Campus, HTC 102 (801) 957-2852
SLCC Learning Center Programs provide free tutorial services to students in order to promote student success. We strive to help our students to build confidence, defeat anxieties, and develop a greater appreciation for education and learning. We focus on active learning, learners’ independence, and motivation. The Learning Center Programs serve students by offering one-to-one tutoring and other educational/support services in The Learning Centers, Student Writing Center, ESL Lab, Reading Centers and Focused Tutoring. The Learning Center Programs support computer literacy and offers free computer access at our labs; we also offer online tutoring support in math and writing, please refer to our website for information. www.slcc.edu/learningcenter

Not all services are available at all locations. Services vary by semester. Please contact the Learning Center for details on times, dates, and services.

THE LEARNING CENTERS’ MATH AND SCIENCE TUTORING AND TUTOR REFERRALS
The Learning Centers at Taylorsville-Redwood, South City, and Jordan provide free tutoring on a drop-in basis to all SLCC students. Subjects include math, chemistry, physics, and biology.

The Learning Center at the Taylorsville-Redwood Campus also connects students with qualified private, fee-for-services tutors for most subjects. Tutor lists are offered as a service to students, but students must contact and pay private tutors individually.

ESL LAB (ENGLISH AS A SECOND LANGUAGE)
The ESL Lab helps ESL students practice English with native English speakers, which help to improve their language skills in the following areas: conversation, listening, oral presentations, pronunciation, reading, writing and telephone conversation. The ESL lab also provides access to the ELLIS Computer Program. Appointments are preferred.

FOCUSED TUTORING
Students needing more personalized tutoring assistance throughout the semester can request to be matched with a tutor for free individual or small group weekly appointments. Tutoring is available predominately in math and sciences. Students may pick up a tutor request form in the Learning Center (TB 213 or N308). More information is available on the website. www.slcc.edu/focusedtutoring/index.asp

READING CENTERS
In the Reading Centers computer programs are available that can assist students in developing vocabulary, comprehension, and reading speed skills. They offer free drop-in reading tutoring to all Salt Lake Community College students, including those enrolled in a reading course. Reading specialists help with reading comprehension, reading course test practice, assignments, and test-specific practice websites to improve your CPT score. For more information, e-mail kathleen.johnston@slcc.edu or call (801) 957-4581.

STUDENT WRITING CENTER
Writing advisors work with all in-class writing and other writing projects such as scholarship applications, memos and reports. Advisors assist in analyzing the writing situation or project, developing a writing plan, undoing writing “blocks” and providing feedback to the writer. Computers and assistance with word processing are available.

Taylor-Redwood Campus AD 218
South City and Jordan, the Student Writing Center is located within the Learning Center facility.

EMPLOYMENT OPPORTUNITIES
If you would like to tutor in any of the Learning Center Programs, please contact the coordinator of the specific program at the number provided.

COMPUTER LABS
The Learning Center Programs offer open access to computers for SLCC students at the Taylorsville-Redwood Campus in TB 221 and the South City Campus in N316.

WORKSHOPS AND GROUP STUDY
Free workshops are offered each semester in response to faculty and student requests. Small study groups are organized and conducted in selected courses. Trained tutors develop course concepts and suggest study skills necessary for success in those courses.

MATH LAB
Taylorsville Redwood, SI 092 (801) 957-4839
The Math Lab provides math tutors that are available to help students on a drop-in basis during open hours in all math courses. www.slcc.edu/math

SCIENCE RESOURCE CENTER
Taylorsville Redwood Campus, SI 130
Peer tutoring is offered in Chemistry and Biology courses. The Center is also used for study groups and meeting with instructors. The American Chemical Society student club also uses it for their meetings.

STUDENT SUPPORT SERVICES (TRIO)
Small group and individual content tutoring for program participants who meet eligibility requirements. Other services include: advising, financial planning, transfer planning and campus visits. Please see TRIO Programs.

For more tutoring resources see the on-line index. slcc.edu/tutoring/index.asp

UNIVERSITY CENTER
Taylorsville Redwood Campus, CT 274 & 272 (801) 957-4824
www.slcc.edu/universitycenter

The University Center, in coordination with other institutions of higher education, offers a limited number of evening baccalaureate level programs at SLCC sites to students who have completed or nearly completed Associate of Science degrees, and in some cases Associate of Applied Sciences degrees.

The University Center promotes student access to baccalaureate degrees and enhances students’ transitions to 4-year programs by providing articulation guidelines, advising, information sessions, individualized support as needed, and transfer information specific to the baccalaureate programs offered. For more information and schedules, contact the University Center, (801) 957-4824. Academic advising is available for students interested in transferring to these programs. For advising information contact (801) 957-4824 or (801) 957-4735.

BACHELOR OF SCIENCE PROGRAMS
Bachelor’s degrees are available at SLCC from the following institutions:

WEBER STATE UNIVERSITY
Computer Science
Construction Management
Criminal Justice
UNIVERSITY OF UTAH
Nursing (online)

UTAH STATE UNIVERSITY
Business
Ornamental Horticulture

UTAH VALLEY UNIVERSITY
Biotechnology
Technology Management

FRANKLIN UNIVERSITY (ONLINE)
Accounting
Applied Management
Business Administration
Business Forensics
Computer Science
Financial Management
Forensic Accounting
Health Care Management
Human Resource Management
Information Technology
Management Information Sciences
Marketing
Public Safety Management

WESTMINSTER COLLEGE (ONLINE)
Bachelor of Business Administration

MASTER'S DEGREE PROGRAM

UTAH STATE UNIVERSITY
Computer Science

VETERANS' CENTER
Taylorsville Redwood Campus, STC 059
(801) 957-4289 or (801) 957-4399 Fax: (801) 957-4987
South City Campus, W 137D (801) 957-3342
www.slcc.edu/veterans

The SLCC Veterans' Center, located on the Taylorsville Redwood Campus, was dedicated October 13, 2008 to all SLCC Veterans. This Center is the first of its kind at any institution of higher education in the State of Utah offering compressive veteran services and includes a lounge and study area for all veterans and dependents to use while attending school.

All VA paperwork is processed at the Taylorsville Redwood Campus where the Certifying Officials are located. Applications, forms and documentation can be obtained and/or submitted at either Taylorsville Redwood or South City Campus. Each new student will receive a complete one on one orientation reviewing all VA policies and procedures when their initial paperwork is submitted to the college VA Office.

A few points to know and remember:

• You are required to attend and make satisfactory progress in all classes. Your pay is based on class attendance.
• You will be required to sign a statement of 'Understanding of GPA Satisfactory Progress' form stating you understand you are required to maintain a 2.0 GPA. **VA Educational benefits will be suspended or terminated if your GPA is below a 2.0.**
• The VA requires all prior training credit be reported by the end of the second semester. Prior credit is defined as “All prior college, military training, and education completed”. Classes transferred to SLCC may not be repeated for pay.
• Students receiving chapter 30, 1606 and 1607 benefits are required to verify their attendance to the Department of Veterans Affairs on the last day of each month or later to receive their pay. Those receiving chapter 31, 33 and 35 are not required to verify enrollment monthly to receive their pay.
• To determine which benefit will be to your advantage, please visit the federal VA Website located at www.gibill.va.gov.
BARBERING AND COSMETOLOGY SERVICES
CREDIT UNION
DISTANCE LEARNING & INSTRUCTIONAL TECHNOLOGY (DLIT)
DENTAL HYGIENE SERVICES
DISTANCE LEARNING AND INSTRUCTIONAL TECHNOLOGY
ELECTRONIC CLASSROOM SUPPORT
FACULTY ASSOCIATION
FACULTY EXCHANGE PROGRAMS
FACULTY TEACHING AND LEARNING CENTER (FTLC)
HEALTH AND WELLNESS SERVICES
HUMAN RESOURCES STAFF DEVELOPMENT
INSTRUCTIONAL TESTING CENTER
SERVICES AND RESOURCES FOR FACULTY AND STAFF

BARBERING AND COSMETOLOGY SERVICES

www.slcc.edu/barberingcosmetology

The SLCC Barbering/Cosmetology Department has three locations to offer services to faculty and staff, as well as the public:

- Taylorsville Redwood Campus (day and night programs) (801) 957-4030
- Jordan Applied Technical Center (day and night programs) (801) 256-5731
- Granite High School (day program only) (801) 646-5347

All of the services are performed by current students in the program. The hair services (cuts, permanent waves, hair color, styling, and facial shaves for men) are offered to all staff and faculty members for half price. No appointments are necessary for the barbering services. Appointments are preferred for cosmetology, especially for chemical services, but are not always necessary. Walk-ins are welcome and will be accommodated whenever possible. For an appointment and times of services please call one of the numbers listed above.

The Esthetics Department (Taylorsville Redwood Campus, day and night) offers pedicures, manicures, facials, facial and leg waxing, and facial treatments. These services are offered at already very reduced rates, and there are consequently no discounts for SLCC employees for these services. Appointments are preferred, but walk-ins will be accommodated whenever possible. For an appointment and times of service, please call (801)957-4368.

Services are not available between semester or on test days. The high school programs are often open and available for services during college breaks. If you need an appointment at this time, please call the Jordan or Granite high school locations.

For a more complete listing of services and hours, please visit our web site at www.slcc.edu/barberingcosmetology.

CREDIT UNION

Taylorsville (801) 545-7002
Jordan (801) 545-7004
South City Campus, W135 (801) 545-7003
All other branches (801) 325-6228
www.macu.com

Membership eligibility at Mountain America Credit Union is a benefit offered to all students, faculty, staff, and alumni of Salt Lake Community College. Opening an account is easy! Simply bring your $25 deposit and valid Driver’s License to any Mountain America Credit Union branch, located near most of the SLCC campuses throughout the valley. Mountain America Credit Union offers upgraded benefits to students, such as free checks, free VISA debit card, student loans, and an opportunity to establish good credit with “Credit Builder” programs. Students can securely access their accounts anytime through the credit union’s web page at www.macu.com. With competitive rates and lower fees than other financial institutions, remember Mountain America Credit Union for auto loans, VISA credit cards, mortgage loans, retirement accounts, and Certificates of Deposit. Mountain America Credit Union is proud to be a partner of Salt Lake Community College.

DENTAL HYGIENE SERVICES

www.slcc.edu/dentalhygiene

At SLCC students, faculty, and staff have access to dental services from one of the best Dental Hygiene programs in the Western United States. The SLCC Dental Hygiene program offers free and low cost dental services from their state-of-the-art, fully equipped dental hygiene clinic at the Jordan Campus. Services are performed by current students in the program, and include exams, radiographs, periodontal treatment, and cleaning.

Hours are variable, Monday through Friday. Call (801) 957-2710 for appointments or further information.

DISTANCE LEARNING & INSTRUCTIONAL TECHNOLOGY (DLIT)

www.slcc.edu/dlit

For information about online courses, see SLCC ONLINE (page 64).

Distance Learning & Instructional Technology (DLIT) is a division of Salt Lake Community College committed to the advancement of teaching and learning through innovative instructional technologies and pedagogy.

DLIT offers services related to the following:

- Instructional Design & Development Support (all delivery methods, primarily online and hybrid)
  - Taylorsville Redwood Campus, TB-216
  - Jordan Campus, HTC-115
  - 801-957-5606

- Interactive Video Conferencing (IVC) and Web Conferencing (Wimba)
  - Taylorsville Redwood Campus, TB-216B
  - 801-957-4714

- Online Learning Environment Support (Bb Vista, etc.)
  - Taylorsville Redwood Campus, TB-216C
  - 801-957-5234 or 801-957-2641

- Instructional Support for Students & Faculty for Online Courses (Support Centers)
  - Taylorsville Redwood Campus, TB-216
  - Jordan Campus, HTC-115
  - 801-957-4406 or 1 (888) 963-7522 (SLCC)
ELECTRONIC CLASSROOM SUPPORT CENTER

Taylorville Redwood Campus
Markosian Library, LIB 028 - (801) 957-5562
libweb.slcc.edu

The Electronic Classroom Support Center (ECSC) supports and maintains over 70 high-tech classrooms throughout the entire SLCC system. These Electronic Classrooms contain ceiling-mounted data projectors, wall-mounted projection screens, and various multimedia input devices such as VCR/DVD players, document cameras, laptop connections, and desktop computers. In addition to its support function, the ECSC is also responsible for coordinating the design and construction of new Electronic Classrooms, and the upgrading of technology in all existing high-tech classrooms.

The ECSC website contains pictures and descriptions of each Electronic Classroom. Faculty members can use this resource to help schedule classrooms that best meet the technology needs of their particular courses. Faculty members should also contact the ECSC directly to report any technical problems they may experience with the installed equipment in their Electronic Classrooms.

FACULTY ASSOCIATION

www.slcc.edu/facultyassociation

The SLCC Faculty Association is a dues paying organization open to any member of the faculty; dues are currently $4.00/month. The purposes of the Faculty Association are to speak with a common voice for all faculty members, to promote professional excellence at the College, and to protect faculty rights. The Association meets once each month, and representatives from the Association meet regularly with representatives from the College Administration to discuss issues of importance to faculty. Some Faculty Association members also choose to be members of the national American Federation of Teachers, represented at SLCC by AFT/Utah local 4963, which is a union organization and separate from the Faculty Association.

The Faculty Organizations office is located in TB 325; the phone number is (801) 957-4695.

The Faculty Association website has more information regarding the role of the Faculty Association and benefits associated with membership.

FACULTY EXCHANGE PROGRAMS

Taylorville Redwood Campus, TB 325C, (801)957-4280

Salt Lake Community College conducts faculty exchange programs with several international partners, and encourages faculty to apply for other faculty exchanges with organizations such as the U.S. Government’s Fulbright program. As opportunities arise, the Office of Faculty Services and Study Abroad issues calls for faculty applicants.

FACULTY TEACHING AND LEARNING CENTER (FTLC)

Taylorville Redwood Campus, TB 324 - (801) 957-4997
South City Campus E 150 - (801) 957-3220
Jordan Campus HTC 103 - (801) 957-2677

MISSION STATEMENT

The Faculty Teaching and Learning Center (FTLC) addresses issues of teaching and learning and of faculty development in pedagogy. It serves all full-time and adjunct faculty from every campus and is faculty led and driven. It is a needs-based center that responds to faculty-identified needs to enhance their understanding and practice of quality teaching and learning.

GUIDING PHILOSOPHY

The FTLC is grounded in the following claims:

• Faculty, practicing teachers, are the teaching and learning experts at SLCC and should know best their teaching and learning needs.
• A faculty teaching and learning center should respond first and foremost to needs of the faculty.
• College-wide teaching and learning activities and faculty evaluation should be developed in collaboration with the FTLC.
• Teaching and learning are dynamic processes that never end. Thus, all who have responsibilities in the instructional program should be involved in learning about teaching/learning.
• Those who will be most affected by a decision should make or help make that decision.

Collaboration with all interested members of the College community is essential to the purpose of the FTLC. Collaboration means to work together toward a common goal and to make decision by consensus.

SUPPORTING FACULTY INNOVATION

The FTLC supports faculty innovation through its Teaching and Learning Grant (TLG) program, a new cycle of which begins each fall semester. Faculty can apply for grants to support their involvement in Learning Communities, Diversity Courses, Internationalizing the Curriculum, Technology in the Classroom, or other kinds of pedagogical innovation.

TEACHING CIRCLES

Teaching circles are small groups of faculty who meet at least six times during the year to work together on a specific issue or concern in their teaching and their students’ learning. The FTLC sets aside some funds for each teaching circle to purchase books or equipment or duplicate articles. Participants in teaching circles are strongly encouraged to share the results of their discussions and projects with the broader college community.

TEACHING SQUARES

The Teaching Squares Program is designed to improve teaching skills and build community through a structured, non-threatening process of classroom observation and shared reflection.

The process involves the best aspect of peer evaluation - observation and discussion - while excluding judgment and evaluation. Participants in a square learn about the best practices of other faculty in order to improve their own teaching.
FTLC DIALOGS
Once each semester the FTLC brings the college community together to address issues of teaching and learning. The Taylorsville Redwood and South campuses host the FTLC Dialogs, which are panel discussions wherein faculty, staff, and administrators look at the topic from multiple perspectives.

DIGITAL MEDIA ASSISTANCE
The FTLC enjoys the services of an accomplished digital media technician. The technician can help you digitize photographs or slides, or work with digital video to document your students’ work or for class projects.

TUTORIALS AND WORKSHOPS
The FTLC offers tutorials and workshops to full-time and adjunct faculty, including:

- Workshops on Assessment and Evaluation.
- Workshops on Diversity Courses and Learning Communities.
- Workshops on Curriculum Development and Active Learning Strategies.
- Student-centered workshop—providing alternatives to lecturing.
- Workshops on Pod casting and I-tunes.

SUPPORTING GENERAL EDUCATION
The FTLC sponsors Teaching & Learning in Community: Showcasing Multidisciplinary Education, a new initiative in General Education. Faculty are encouraged to have their Gen Ed courses join in this effort. Each semester, students demonstrate publicly their understanding of SLCC’s learning outcomes. Students are also asked to learn from the public demonstrations of other classes.

EQUIPMENT AND FACILITIES
- Conference and workshop rooms at Taylorsville Redwood, South & Jordan with media projectors
- Computer labs at Taylorsville Redwood, South and Jordan
- Books on teaching and learning
- Faculty lounge at Taylorsville Redwood, South and Jordan offices
- Macintosh computers at Taylorsville Redwood and South

HEALTH AND WELLNESS SERVICES

Student Health Clinics
Taylorville Redwood Campus, SC 048 - (801) 957-4347
South City Campus, W175 - (801) 957-3323

Health & Wellness Offices
Taylorville Redwood Campus, SC035 - (801) 957-4268
South City Campus, W175 - (801) 957-3323

www.slcc.edu/hw

Health and Wellness Services exists to keep students healthy, in school, performing at their optimal ability, and prepared to pursue lifelong wellness. SLCC has a staff of health educators, social workers, massage therapists, and medical providers who can offer educational experiences, training, support and care to keep students well, and to help students overcome illnesses should they become sick.

Health and Wellness Services also serves faculty and staff for a minimal charge.

Contact Health and Wellness Services for additional information about specific services or visit www.slcc.edu/hw.

HUMAN RESOURCES STAFF DEVELOPMENT

The Salt Lake Community College Human Resources Staff Development Office is located at the Taylorsville Redwood Campus in AD165A and AD163A. This office is responsible for professional development needs of the full and part-time SLCC Staff. The following information will give you an idea of what opportunities are available for all SLCC Staff. If you have questions regarding the following professional development opportunities or other needs, please contact:

Deanne Arvizu
Salt Lake Community College
Staff Development Manager – Human Resources
4600 South Redwood Road, Room AD165A
Salt Lake City, UT 84130-0808
(801)957-4088
FAX (801)957-4721
Deanne.Arvizu@slcc.edu

Tina Harward
Salt Lake Community College
Staff Development Specialist – Human Resources
4600 South Redwood Road, Room AD163A
Salt Lake City, UT 84130-0808
(801)957-4763
FAX (801)957-4721
Tina.Harward@slcc.edu

RELEASE TIME FOR TRAINING POLICY FOR SLCC STAFF

This policy was developed to assist our staff and supervisors when designing their training plans for the year. Salt Lake Community College supervisors are to release SLCC staff employees from normal work duties to attend training programs which promote professional development or improve job skills. Release time is the time when an employee is released from normal work duties and compensated at the regular rate of pay to attend an approved training program, at the initiative of the staff employee and/or management. An eligible full-time staff employee may use up to 48 hours of release time per fiscal year for training purposes. For more information, please see the policy on the Human Resources Staff Development Web Site www.slcc.edu/staffdevelopment.

EMPLOYEE TRAINING TRANSCRIPT

This transcript is sent to all SLCC employees once a year around performance appraisal time. This transcript contains a history of all of the SLCC HR Staff Development training opportunities the staff member has attended that has been recorded in our database. It is recommended that the employee include the information in their transcript when preparing for their performance appraisal (PEP) each year.

SKILLSOFT eLEARNING PROGRAM

Online anytime training offered by the HR Staff Development Office.

SkillSoft eLearning is free to all SLCC Full-time, Part-time and Work-study Staff who enjoy learning online. HR Staff Development has purchased the entire library of 4,000+ courses. Completion of the eLearning courses may be applied toward a Professional Development Certification Track. SkillSoft also provides users with vendor documents, research reports, online books, and more. For more information about SkillSoft, visit www.slcc.edu/staffdevelopment.
For any questions regarding SkillSoft eLearning, please contact Tina Harward, Staff Development Specialist/SkillSoft Administrator by emailing tina.harward@slcc.edu or call (801) 957-4763.

**SKILLSOFT PROFESSIONAL DEVELOPMENT CERTIFICATION TRACKS**

Track Learning Programs are available to assist you with your personal and career development goals.

- Core Requirements Red Track
- Health Orange Track
- Communications Blue Track
- Technology Grey Track
- Accounting/Financial Management Green Track
- Customer Service Bronze Track
- Office Support Purple Track
- Project Management Silver Track
- Writing and Grammar Brown Track
- Supervision/Management Gold Track

**GETTING STARTED:**

1. Visit the HR Staff Development Website at [www.slcc.edu/staffdevelopment](http://www.slcc.edu/staffdevelopment)

2. Select a track or two that interests you then meet with your supervisor to discuss goals and make arrangements for released time to complete training.

3. Set up a user account by filling out the online registration form at [myslcc/depts/StaffDev/Lists/account/skillsoft.aspx](http://myslcc/depts/StaffDev/Lists/account/skillsoft.aspx)

4. Enroll into selected tracks by logging into SkillSoft at [skcc.skillport.com](http://skcc.skillport.com) then select Catalog and the Professional Development Certification Track of your choice and click enroll. SkillSoft will keep track of your progress for you.

5. When finished with all requirements of a track, complete the online completion form at [myslcc/depts/StaffDev/Lists/SkillSoftTrackCompletion/staff.aspx](http://myslcc/depts/StaffDev/Lists/SkillSoftTrackCompletion/staff.aspx) to receive your certificate and $10 gift card of your choice.

**HELPFUL TIPS:**

1. It is recommended that four hours per month be set aside for professional development.

2. Courses require an assessment of 70% or higher to receive credit for completing the course.

3. *The Core Requirements Red Track* is recommended to be completed prior to or in conjunction with another track, since it is the "core requirements" for all staff.

4. Watch for monthly contests to receive extra rewards for taking courses.

**SKILLSOFT TRAINING RESOURCES**

Supplemental training for enhancing your online training experience.

**CONNECT WORKSHOPS**
The SkillSoft Connect Program is based on a series of empowering workshops that combine face-to-face and online training. By attending these workshops you receive in-person and elective course requirement credit towards completion of a Track Learning Program of your choice. Self-empowerment, Communication, Etiquette, and Outlook have all been featured topics at a connect series workshop. Announcements for upcoming series will be provided to you via email.

**ESSENTIALS WORKSHOPS**

New and active users are encouraged to register for a SkillSoft Essentials Workshop. This in-depth training covers all of the free resources available to you. Here are just a few of the topics presented: Track Learning Programs, eLearning Site Navigation, Books 24/7 Introduction, Certified Mentors Assistance, and College Credit Courses (credentialing). For a list of available training dates, visit [www.slcc.edu/staffdevelopment](http://www.slcc.edu/staffdevelopment) and click SkillSoft Help.

**OPEN LABS**

Do you find it difficult to set aside time for training? SkillSoft Open Labs were created with you in mind! The lab gives you the freedom to complete your professional development goals, plus one-on-one assistance is available to help you succeed on your eLearning journey. Say goodbye to the everyday distractions of the telephone and visitors. Labs are by request and may be offered at any campus of your choice. To request a lab, email tina.harward@slcc.edu or call (801) 957-4763.

**DEPARTMENT TRAINING**

Great addition to your next staff meeting. A SkillSoft Department Training will provide employees with a quick overview of the resources available on SkillSoft and how to access them. To request a training, email tina.harward@slcc.edu or call (801) 957-4763.

**SUPERVISORY TRAINING PROGRAM (STP)**

The SLCC Supervisory Training Program (STP) is a training program for all SLCC employees who want to improve their supervisory skills. You do not need to be a supervisor to register. The program was designed by the SLCC Human Resources Director, Craig Gardner, and the HR Staff Development Manager, Deanne Arvizu, in conjunction with The Gold TAC (Supervision/Management Track Advisory Committee). The program runs on Wednesday mornings or afternoons for eight consecutive weeks and consists of eight training modules. A certificate of completion and trophy are awarded upon completion of all eight modules. Some of the topics include: Mentoring The New Employee, Conducting Performance Appraisals, Discipline, Diversity, Leadership, Budgets, Payroll, Purchasing, etc., etc. STP's are offered twice per year, in the spring and fall semesters. See the HR Staff Development Web Site for details of upcoming STP's and how to register.

**RBH EMPLOYEE RELATIONS ONLINE SUPERVISOR TRAINING PROGRAM**

This online supervisor training program is located in the Reliant Behavioral Health Web Site. The RBH Employee Assistance Program (EAP) offers a variety of services to help individuals resolve personal and professional issues. Their free services include: counseling, crisis assistance, legal and financial services, on-site trainings, critical incident stress debriefings, and more.

For supervisors, the EAP offers support and information about how to effectively deal with performance issues.

The RBH Employee Relations Online Supervisor Training Program will provide SLCC supervisors with a powerful and comprehensive resource tool that will help supervisors to be more efficient, build stronger teams, and minimize the chances of dealing with harmful, time-consuming, or litigious matters that affect supervisors. The program is created especially for busy supervisors, because the entire program is offered “online,” and can be accessed 24/7 from any computer with Internet access. The program will help supervisors with the “employee relations” part of their position. When a supervisor completes this program, they will receive a beautiful framed certificate, along with a $10 gift certificate of their choice to: The Bookstore, Cosmetology, Food Services, Grand Theatre or Health & Wellness Services.

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For the full original text, visit the SLCC website or contact the staff development department for more information.
IN-PERSON PROFESSIONAL DEVELOPMENT WORKSHOPS

In-person professional development workshops are sponsored by the SkillSoft Certification Tracks. Information regarding these workshops can be found on MyPage, direct email to all full and part-time staff, and by posters posted throughout each campus. All workshops are free to SLCC staff, and everyone is invited. Attendance at the professional development workshops can be counted toward a certificate in the SkillSoft Tracks. Workshops include some of the following: TIAA-CREF, Utah Retirement Systems, Reliant Behavioral Health, The Regence Group/Blue Cross/Blue Shield, Health & Wellness Services, Mountain America Credit Union, Zions Bank, Valic and Cigna, present financial workshops to help the employees with their personal finances. Some workshops are broadcast live to various campuses, while others are offered in the Human Resources Conference Room at the Taylorsville Redwood Campus.

SLCC FINANCIAL WELLNESS MONTH

Each November, Human Resources sponsors a “financial wellness month” for all SLCC employees. Various vendors, such as TIAA-CREF, Fidelity Investments, Mountain America Credit Union, Zions Bank, Valic and Cigna, present financial workshops to help the employees with their personal finances. Some workshops are broadcast live to various campuses, while others are offered in the Human Resources Conference Room at the Taylorsville Redwood Campus.

NEW EMPLOYEE ONLINE ORIENTATION

The HR Staff Development Office is responsible for the New Employee Online Orientation. This online orientation is available to all SLCC employees and can be accessed through the Human Resources Web site at www.slcc.edu/staffdevelopment.

REQUIRED TRAINING REGISTRATION

The HR Staff Development Office is responsible for the schedule and registration for the ADA in-person required training workshops. If you would like to register for a required training workshop, or if you would like a copy of the current Required Training Schedule, please go to the HR Web Site at www.slcc.edu/hr. For a copy of your Required Training Record, contact Annette.Palmer@slcc.edu in The Office of Risk Management, or call her at (801)957-4533.

ALL-DAY TRAINING RETREATS – SUPPORT STAFF DAY AND SUPERVISOR DAY

The HR Staff Development Office is happy to offer two all-day training retreats for SLCC employees. The annual Support Staff Day is offered each spring for all SLCC support staff. The annual Supervisor Day is offered each fall for all SLCC staff who have attended the Supervisory Training Program and/or are currently in a supervising roll at SLCC. Both events are free, and they are offered at The Taylorsville Redwood Campus. Each day is filled with various break-out training sessions for the staff to choose from. Both of these events include a breakfast and a luncheon with speakers and entertainment.

EMPLOYEE RECOGNITION AWARDS CEREMONY

The HR Staff Development Office is responsible for obtaining the list of the SLCC employees who will be receiving years of service awards for 5, 10, 15, 20, 25, 30, 35, and 40 years of service! We are also responsible for the gifts President Biotou chooses to award to the recipients, and the program for the awards ceremony. This is an annual ceremony that takes place one week prior to graduation. The Outstanding Staff Awards are presented by the Staff Association, and the retirees are announced as well. All SLCC Employees are invited.

UTAH HIGHER EDUCATION STAFF (UHESA) DAY CAPITAL HILL FIELD TRIP

The HR Staff Development Office, along with the SLCC Staff Association, work together to promote “UHESA Day!” We fill up the SLCC Shuttles with SLCC employees who want to take a trip up to the capitol while the Legislature is in session, to visit with state representatives and see how the legislative process works. The shuttles leave from the Taylorsville Redwood Campus first thing in the morning, stop by the South City Campus to pick up additional employees, then it’s up to capitol hill for the day. Staff Development and the Legislative Representative from the Staff Association also offer various workshops prior to UHESA Day to prepare SLCC employees for the legislative process. If you’re interested in participating in “UHESA Day,” look for the information via email, posters, and MyPage.

ZIG ZIGLER “GET MOTIVATED” SEMINARS

During the fall semester, Zig Ziglar comes to Salt Lake City and offers a full day seminar filled with professional motivational speakers, and other notable figures including Zig Ziglar himself, etc. Staff Development sponsors 30 SLCC Staff employees to attend the event. SLCC Staff must have their supervisor’s approval and pre-register via the HR Staff Development Web Site.

UTAH WOMEN’S CONFERENCE

Once a year, during the Fall, Senator Oriin Hatch sponsors “The Utah Women’s Conference. It’s usually held at The Grand America Hotel in Salt Lake City. Staff Development invites a group of 30 SLCC Staff to attend the conference. Staff Development covers the cost of the registration and the transportation on The SLCC Shuttles. Participants enjoy a day filled with uplifting, professional speakers, and luncheon and entertainment.

SECRETARIES’ HOLIDAY LUNCHEON

Every year at Christmas time, President Biotou hosts a holiday luncheon for all of the Full-Time SLCC Administrative Assistants. The President’s Office, Staff Development and the “Purple TAC Committee,” are responsible for the coordination of this fun and festive event! The food is provided by the Culinary Arts Catering Students, and it is prepared in the Culinary Arts kitchen and served in their dining room located at the Miller Center.

WEIGHT WATCHERS ON-CAMPUS PROGRAM

The Weight Watchers On-Campus Program is available to all SLCC employees at the Taylorsville Redwood Campus. A Weight Watchers representative comes to the Redwood Campus on Tuesday afternoons during the lunch hour, and presents 12 consecutive weeks of classes. It’s been a very successful program for our employees. Look for the advertisements on email and MyPage for information about dates, pricing, etc.

PROFESSIONAL DEVELOPMENT CHECK OUT LIBRARY

The HR Staff Development Library is located in AD165A. Many personal and professional development training items are available to check out at no charge to all SLCC Staff to help with their personal and professional development. Items include: Books, Cassettes, DVDs, Games and Videos. Contact Deanne Arvizu to check out the materials.

CRAFTING OUR COMMUNITY

The Crafting Our Community program is an opportunity for SLCC employees to come together and share information about what’s going on in their part of the College, while participating in a creative endeavor for one of the charities in the Salt Lake City area. In the fall, we meet during our lunch period and make
crafts for the gift shop at The Festival of Trees. The money that is made at the Festival of Trees goes to Primary Children's Hospital. Come and get together with co-workers, and create a craft for someone who might not be as fortunate as we are. We supply the munchies, so come join us! Each crafter gets to keep one of the crafts they make, and take a pattern home to make additional crafts for gifts, etc. If you are a crafter, and would like to be a part of Crafting Our Community, please contact Deanne.Arvizu@slcc.edu or call her at (801)957-4088 for more information. Watch for the information on MyPage and All Subscriber emails.

**SUGGESTIONS/QUESTIONS/COMMENTS**
The HR Staff Development Office welcomes any suggestions you may have regarding the SLCC Staff Development Program. Please send them to Deanne.Arvizu@slcc.edu

**INSTRUCTIONAL TESTING CENTER (ITC)**

Taylorsville Redwood Campus, Construction Trades Building (CT), Suite 070 (beginning Fall 2010)
South City Campus, N285 (beginning Fall 2010)
(801) 957-4406 or 1(888) 963-SLCC (7522)

The ITC is available to assist faculty in facilitating in-person testing for online coursework. The ITC has locations on multiple campuses and provides a friendly testing environment to ease the stress of test taking. We are open extended hours (day/evening) to accommodate the online student.

Make-up exams for classroom courses are available, but subject to room availability.

All testing services require a minimum of two weeks notice to successfully facilitate testing activities.

Instructional Designers continue to be available to assist faculty in improving their assessment activities. Designers are available by appointment. See DLIT (page 73) for more information.
COMMUNITY WRITING CENTER
MILLER BUSINESS RESOURCE CENTER
MILLER CAMPUS CONFERENCING AND FACILITY RENTAL
THAYNE CENTER FOR SERVICE & LEARNING
THE GRAND THEATRE
SERVICES AND RESOURCES FOR BUSINESS AND THE COMMUNITY

COMMUNITY WRITING CENTER
Library Square, 210 E. 400 S. Suite 8
Salt Lake City, (801) 957-4992
www.slcc.edu/cwc
cwc@slcc.edu

Located in Library Square, the award-winning SLCC Community Writing Center (CWC) supports, motivates and educates people of all abilities and educational backgrounds who want to use writing for practical needs, civic engagement and personal expression. The CWC believes that “Everyone can write!” and provides four programs to the entire Salt Lake area community.

The CWC's Writing Coaching program is a free service which provides one-on-one assistance on any type of writing: resumes, letters, proposals, fiction, etc. Writers get helpful feedback and guidance from a supportive coach at the CWC, and at locations around the valley. The CWC offers low-cost Writing Workshops that are also available to local organizations, businesses, agencies and offices in the CWC's Writing Partners program. Writing Partners collaborate with the CWC to increase their organization's self-sufficiency in all matters writing-related.

Finally, the CWC's DiverseCity Writing Series is a city-wide writing group and publishing program. Some writing groups are open to the public; others are for members of partner organizations. Writing groups focus on all kinds of writing: poetry, memoir, essays, fiction, etc.

The CWC also has volunteer opportunities for community members and for service-learning students. Contact the CWC for more information.

MILLER BUSINESS RESOURCE CENTER
Miller Campus
9750 South 300 West
Sandy, Utah
(801) 957-5579
www.mbrs.slcc.com
Randy N. Schouten, Division Chair
(801) 957-5579
randy.schouten@slcc.edu

The Miller Business Resource Center (MBRC) at Salt Lake Community College provides opportunities for total and ongoing learning experiences for prospective, new and established businesses. The MBRC is committed to the critical elements of business success, training, mentoring, developing access to capital, and business incubation and acceleration. Whether you are just starting up or you're already an established company, the MBRC offers a wide range of services to meet your needs. Six distinct and integrated programs provide learning opportunities designed to enhance the success of Utah small business owners and entrepreneurs:

- Salt Lake Small Business Development Center
- Miller Business Innovation Center
- Corporate Solutions

- Global Business Center
- Women's Business Institute
- Events and Conferencing

CORPORATE SOLUTIONS (WORKFORCE SKILLS DEVELOPMENT)
Director: Rose Defa
(801) 957-5570
www.slcc.edu/mbrc

Corporate Solutions at Salt Lake Community College can help you build knowledge and abilities to further your employees’ value and your company's bottom-line performance. Our training options focus on your specific needs - whether that is workforce assessment, job retention or skill building. Our flexible approach to learning can help you create training strategies and content that matches your business environment at an affordable cost.

We also administer the Custom Fit and Short Term Intensive Training (STT) programs that may help offset the cost of training for current or potential workforce needs.

Our services include:
- Consultation and customized training development
- Job profiling
- Basic work skills assessment (WorkKeys®) and training
- ACT training and testing for professional certifications
- Computer-aided design applications training (AutoCAD, Solidworks)
- American Sign Language Interpreting Program
- Global Corporate College - services and training for companies with a national or international presence

Our current training programs:
- American Sign Language Interpreting Fast Track
- AutoCAD/Solidworks
- CDL Certification
- Childcare Certification
- Composites Technician
- FAA Certification
- English as a Second Language
- Leadership and Management
- Lean Six Sigma
- Safety Inspection and Emissions Testing
- Welding
- Workplace Skills and Advancement

Corporate Solutions offers free consultation and assessment to help you determine your training needs today! Visit us on the web at mbrs.slcc.com/corporatesolutions.

GLOBAL BUSINESS CENTER
Director: Stan Rees
(801) 957-5556
www.mbrs.slcc.com/global

The Global Business Center objective is to help Utah companies take advantage of the large world marketplace. Services include global trade education, export readiness assessment, best market analysis, market research assistance, assistance with developing of an export strategy, international business briefings and work.
shops, an International Business Incubator program, networking events and hosting visiting trade delegations.

The Global Business Center offers the Executive Certificate of Global Business Management for professionals who want to increase their knowledge of international business strategy. The certificate program consists of 10 classes and 30 hours of classroom instruction.

The Global Business Center also offers an online course in international trade logistics: Shipping Your Products Overseas. This online course takes approximately 6-8 hours to complete and is designed to train marketing and shipping personnel on effective methods to use in shipping products overseas.

**MILLER BUSINESS INNOVATION CENTER**

**Director:**
Rex Falkenrath
(801) 957-5284
www.mbrsclce.com/mbic

The Miller Business Innovation Center provides a physical infrastructure which helps emerging businesses grow to sustainability. The MBIC admits companies who have innovative business models, high growth strategies, and the potential for job creation. Admitted companies receive:

- Below market cost for office rental
- IT and Telecommunication services through Salt Lake Community College
- Mentoring and Coaching Program
- Access to funding streams
- No-cost Administration Services
- No-cost Meeting Rooms

**VIRTUAL INCUBATOR**

A business resource that can help create a virtual presence for businesses in or outside of the Salt Lake Valley.

Virtual Service Offerings:
- Prestigious office address
- Send and receive mail
- Use of office meeting rooms, training and conference rooms, and on-site desks
- On-site cafeteria

Virtual Business Services Include:
- Permanent business phone number
- Multiple phone extensions
- Free unlimited US phone calling
- Voice mail to email
- Follow-me phone technology
- Phone conferencing
- Web conferencing
- EFax

Networking Opportunities
Access to the Miller Business Resource Center Preferred Partners
Offsite data storage
Live phone attendant
Internet-based Microsoft Office package

Service packages are available for a minimal fee. Contact Miller Business Innovation Center for more information.

**SALT LAKE REGION SMALL BUSINESS DEVELOPMENT CENTER (SLSBDC)**

**Director:** Rex Falkenrath
(801) 957-4954
www.mbrsclce.com/slsbdc

Salt Lake Community College houses the Salt Lake Region Small Business Development Center to help companies create a viable and sustainable business by offering comprehensive courses and pro-bono consulting services. Programs at the Center will set your company on the path to independence and profitability:

- Mentoring and Coaching
- Business & Advisory Services
- Market Research Assistance
- Startup & Managerial Training and Workshops
- Network of Business and Community Contacts
- Assistance with SBA Loan Application

**WOMEN’S BUSINESS INSTITUTE**

**Director:** Danielle Lower
(801) 957-5241
www.mbrsclce.com/wbi

The Women’s Business Institute is a one-stop comprehensive assistance center for both start-up and existing women-owned businesses. Their services include entrepreneurial readiness assessment, entrepreneurial courses and education, one-on-one counseling, market research assistance, networking events, long-term mentoring and small business workshops.

**WOMEN’S NETWORK FOR ENTREPRENEURIAL TRAINING (WNET)**

This program is a national mentoring and training initiative of the U.S. Small Business Administration administered in Utah through a strategic collaboration between the Women’s Business Institute at Salt Lake Community College and the Salt Lake Chamber Women’s Business Center. Through WNET, women entrepreneurs that are just starting out are matched with experienced women entrepreneurs based upon their needs.

WNET Monthly Topics:
- Balancing: Creating and maintaining a work/life balance as you start your business.
- Networking: How to network meaningfully.
- Promoting: Skills to confidently promote yourself and your business.
- Negotiating: Learn how to negotiate like a professional.
- Funding: Hear from a panel of potential funding sources including angel inventors and venture capital groups who traditionally have few women applicants.
- Succeeding: Hear from a panel of successful small business owners, have a chance to ask them their secrets for success.

**MILLER CAMPUS CONFERENCING AND FACILITY RENTAL**

**Director:** Kent Hilton
(801) 957-2002
Facility Rental: Rachelle Brough (801) 957-5294
mbrsclce.com/conferencing
The Miller Campus is a convenient and inexpensive alternative meeting facility located just 15 minutes from downtown Salt Lake City. This beautiful south valley location is perfect for business, educational and private events. You will find over 30,000 sq ft of high tech meeting space with free parking. This is an ideal event venue for full-service trade shows, corporate trainings, conventions, meetings and banquets.

Miller Professional Development Center (MPDC)
- Multi-Purpose Rooms
- Computer Labs
- Classroom Rental Space
- Miller Campus Business Offices
- Conferencing Office - Sales & Marketing
- Karen Gail Miller Conference Center (KGMC)
- Flexible Setups Available
- Banquet Rooms
- Conference Space for 498 People
- Outdoor Patio
- Vendor Hall
- Miller Free Enterprise Center (MFEC)
- Spacious Auditorium for 304 People
- Video Recording Capability
- Vendor Hall
- Showroom
- CEO and Corporate Training Rooms

THAYNE CENTER FOR SERVICE & LEARNING
Taylorsville Redwood Campus, Student Center 020 - (801) 957-4555
Facebook: Thayne Center SLCC
Twitter: @thaynecenter
Blog: slc.thaynecenter.blogspot.com
www.slcc.edu/thaynecenter

The Thayne Center for Service & Learning unites Salt Lake Community College with our greater community through civic participation, service-learning, and volunteerism. The Thayne Center is a valuable resource for those seeking to get involved with local non-profits and community agencies.

Student leaders working with the Thayne Center plan and coordinate service projects throughout the year. Projects may include volunteer opportunities or donation drives for community partners. SLCC students may also participate in programs such as Alternative Spring Break, AmeriCorps, America Reads, Service Council, and the Civically-Engaged Scholar Program.

Students may also enroll in service-learning classes, which combine community service with academic instruction. Service-learning focuses on critical, reflective thinking, as well as personal and civic responsibility. The Thayne Center’s service-learning program cultivates community partnerships, facilitates course development, and supports faculty who engage students and the community in this innovative pedagogy.

CIVICALLY-ENGAGED SCHOLAR PROGRAM
Students who wish to challenge themselves intellectually and personally may become Civically-Engaged Scholars. Scholars enroll in a specific track based on their interests and areas of study. The Civically-Engaged Scholar program requires volunteer service as well as service-learning coursework, a one-credit foundation course, and a capstone project that combines academic goals with community interests. Upon completion of the program, students receive special recognition at Commencement and the Civically-Engaged Scholar distinction is noted on their transcripts. This program transfers to the University of Utah’s Service-Learning Scholar Program.

DONATIONS, DRIVES, SERVICE PROJECTS, AND REQUESTS FOR VOLUNTEERS
The Thayne Center acts as a clearinghouse of information on all service projects planned by clubs, organizations and departments at SLCC. Non-profit organizations seeking SLCC student, faculty, and/or staff participation can contact the Thayne Center at (801) 957-4555, or visit www.slcc.edu/thaynecenter.

THE GRAND THEATRE
South City Campus (801) 957-3322
www.the-grand.org

The Grand Theatre is a 1,140-seat theatre featuring a full season of Broadway musicals with live orchestras and critically acclaimed Utah talent. In addition the Grand Theatre Community Institute develops outreach programs and partnerships that explore and celebrate our community’s emerging diversity, through the performing arts and the humanities. We are dedicated to teaching, performing, presenting and viewing the performing arts.

Operating within a unique partnership with the Salt Lake Community College, the Grand Theatre provides a cultural arts and entertainment center, housed at South City Campus. This unique facility has been provided to create artistic enrichment and enjoyment for SLCC students, faculty, staff and residents of Salt Lake City and surrounding region.

Each year, the Grand Theatre stages five productions, providing students and community members with practical training and opportunities to showcase their collective talents. Shows are cast through the audition process. From musical theater to Classic American theatre such as The Glass Menagerie*, all productions bring opportunities to perform, create and promote theater. Complementing the theater program are presentations by local, national and international artists sponsored in most part by the Arts & Cultural Events Committee and Student Life and Leadership.

Consistent with the SLCC philosophy of providing educational opportunities with a career connection, the Grand Theatre offers students practical experience through creative and productive opportunities both on stage and within the production staff. The events and activities sponsored by the Grand Theatre are intended to provide maximum performance opportunities for students, staff and community members, as well as to offer high-caliber stage presentations in a college environment at a reasonable cost to theater patrons.

As it moves into another season of quality theatrical production, the Grand Theatre remains one of the most accessible community theaters in the Western United States.

*Planned for the 2010/2011 season.
**INSTRUCTIONAL PROGRAMS AND AREAS OF STUDY**

Salt Lake Community College is accredited by the Northwest Commission on Colleges and Universities and is authorized by the Utah State Board of Regents to grant Associate of Science, Associate of Arts, Associate of Pre-Engineering, Associate of Applied Science degrees, Certificates of Completion, Diplomas, and Certificates. School of Applied Technology is indicated by (SAT).

<table>
<thead>
<tr>
<th>page</th>
<th>Salt Lake Community College Instructional Programs and Areas of Study (Applicable degrees are indicated; where no degree is indicated, course(s) are offered in the subject.)</th>
<th>Transfer Degrees 1</th>
<th>AAS</th>
<th>AAS With Emphasis</th>
<th>Certificates of Completion 2</th>
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1 Completion of a transfer degree does not guarantee automatic acceptance into any specific major at other colleges or universities; some four-year major programs are restricted and require special application as well as a competitive GPA.

2 Programs of 30 credits or 900 clock hours or more with general education components. School of Applied Technology Certificates of Completion are financial aid eligible programs of 600 clock hours or more.

3 Certifies mastery or competency in specific course(s) taken.
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<tr>
<th>Page</th>
<th>Program Name</th>
<th>AA</th>
<th>AS</th>
<th>APE</th>
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</table>

1Completion of a transfer degree does not guarantee automatic acceptance into any specific major at other colleges or universities; some four-year major programs are restricted and require special application as well as a competitive GPA.

2Programs of 30 credits or 900 clock hours or more with general education components. School of Applied Technology Certificates of Completion are financial aid eligible programs of 600 clock hours or more.

3Certifies mastery or competency in specific course(s) taken.
<table>
<thead>
<tr>
<th>Page</th>
<th>Program</th>
<th>Transfer Degrees</th>
<th>AAS</th>
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<th>Certificates of Completion</th>
<th>Diploma</th>
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</tbody>
</table>

1. Completion of a transfer degree does not guarantee automatic acceptance into any specific major at other colleges or universities; some four-year major programs are restricted and require special application as well as a competitive GPA.

2. Programs of 30 credits or 900 clock hours or more with general education components. School of Applied Technology Certificates of Completion are financial aid eligible programs of 600 clock hours or more.

3. Certifies mastery or competency in specific course(s) taken.
ACCOUNTING

SEE ALSO SCHOOL OF APPLIED TECHNOLOGY AND UNIVERSITY CENTER

Business Building 105 (801) 957-4125
General Information (801) 957-4073
Academic Advisor BB 122A (801) 957-4300
www.slcc.edu/accounting

Professor: Lynette Yerbury
Associate Professors: Gary Barnett, Jaydene Love
Assistant Professors: Dave Alldredge, Robert Burdette, Paige Paulsen, Shauna Hatfield

THE PROGRAM

Accounting is the process that summarizes economic information about a business entity for use by decision makers. Users of this information include investors, creditors, management and government agencies. Often this information is prepared using computer applications. The Accounting program at SLCC provides training in financial and managerial accounting as well as in taxation. Students are taught both manual and basic computerized accounting systems. General Education courses provide training in effective oral and written communication and human relations skills. Students may earn a Certificate of Completion (33 credit hours required) or may continue on to complete the Associate of Applied Science degree (68 credit hours required), leading to employment in areas such as accounts receivable, accounts payable, general ledger, and payroll.

Students who are interested in pursuing courses leading to a Bachelor’s Degree in Accounting should follow the courses listed in the Business Associate of Science or the Business Associate of Arts Degree listed elsewhere in this catalog.

The Accounting program is accredited by the Association of Collegiate Business Schools and Programs (ACBSP). This accreditation represents the achievement of meeting the high national standards established for associate degree-granting business programs.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete a certificate of degree. ACT or CPT placement exams are designed to assist in determining which preparatory classes may be appropriate for each student. Computer competency may be evidenced by successful completion of CIS 1020. Challenge examinations may be available for these courses.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

Students who wish to take the CIS 1020 Computer Essentials challenge exam are advised to review information at www.slcc.edu/CIS. A score of 80% or higher is required on each section of the test. Once the exam is passed, a P grade is posted to the transcript and credit is awarded.

ELECTIVE OPTIONS

Cooperative Education is the College’s program for recognizing and rewarding new learning associated with study-related employment in a business, industrial, or government work environment. Credit earned from ACCT 2000 is applied toward graduation requirements as an accounting elective credit. Contact the Cooperative Education Department at (801) 957-4014.

The department strongly recommends that students enhance their employment opportunities through Cooperative Education as soon as skills permit, to complement the certificate or degree.

CLASS AVAILABILITY

SLCC 2010-2011 GENERAL COLLEGE CATALOG

The semester in which courses are taught are listed below.

Students should check the semester class schedule for day/ evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED CTE SCIENCE DEGREE IN ACCOUNTING

(minimum 68 hours required)

GENERAL EDUCATION REQUIREMENTS

(18 CREDIT HOURS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<td>ENGL 1010</td>
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<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>FIN 120</td>
<td>3</td>
<td>A</td>
<td>MATH 0990 or CPT</td>
</tr>
<tr>
<td>BUS 1220</td>
<td>3</td>
<td>A</td>
<td>ENG 1010 w/C or better</td>
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<tr>
<td>MKTG 1960</td>
<td>3</td>
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</table>

HUMAN RELATIONS

See pp. 23-27 for options in each of these categories.

DISTRIBUTION AREAS (6 CREDIT HOURS)

Choose an additional six credit hours from at least two of the following General Education areas:

- Biological Science (BS) 3-4 A
- Fine Arts (FA) 3 A
- Humanities (HU) 3 A
- Interdisciplinary (ID) 3 A
- Physical Science (PS) 3 A
- Social Science (SS) 3 A

Interdisciplinary: except BUS 1050 and FIN 1050.

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

(37 CREDIT HOURS)

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<tr>
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<td>3</td>
<td>Sp, F</td>
<td>ACCT 2110 or</td>
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<td></td>
<td></td>
<td></td>
<td>CIS 2410 or</td>
</tr>
<tr>
<td>ACCT 2020</td>
<td>3</td>
<td>A</td>
<td>ACCT 1110 or</td>
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<td>4</td>
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<td>ACCT 1110 or</td>
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<td>F, Sp</td>
<td>ACCT 1280</td>
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<td>F, Sp</td>
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<td>Sp</td>
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*See Business advisor.

ACCOUNTING ELECTIVES

(6 CREDIT HOURS)

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<td>F</td>
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<td>ACCT 2530</td>
<td>3</td>
<td>Sp</td>
<td>ACCT 2010</td>
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BUSINESS ELECTIVES

(5 CREDIT HOURS)

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<tr>
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**AMERICAN SIGN LANGUAGE/INTERPRETING**

**Estimated cost of books and supplies per course $70**

Taylorville Redwood Campus, AD 145  
General Information (801) 957-4977  
Academic Advisor SC 240 (801) 957-6066  
ASL/I Department Secretary (801) 957-4929 VP  
American Sign Language Lab: TB 418 Interpreting Lab: AD 153  
www.slcc.edu/asl

Assistant Professors: Connie Spanton-Jex  
Instructors: Duane Kinner, Kristi Winter

### THE PROGRAM

The American Sign Language/Interpreting program is designed to prepare students for an entry-level position in the rapidly expanding and rewarding field of interpreting. After successful completion of the program, students must apply for and pass the Utah State Interpreter Certification test to be able to work as an interpreter. The American Sign Language/Interpreting program will prepare students to take the Novice Level certification test offered by the state and the Educational Interpreter Performance Assessment (EIPA).

### CAREER OPPORTUNITIES

Career opportunities for interpreters exist in the fields of education, business, employment, social services, mass media, finance, medical care, mental health, legal aid, law enforcement, religion, recreation, video relay services, and the arts. Under federal law any employer, governmental agency, public service provider, medical facility or business will be responsible to provide and pay for qualified interpreters if such services are requested.

### PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program.

### PRACTICUM NOTE

Students will complete a minimum of 90 supervised interpreting hours during their final semester. As most of these placements occur during the day (M-F 7 am-4 pm), it is recommended that students have availability during these hours.

### NOTE: A person must be 18 years of age before they can take the State Certification Exam. A person must be 18 years of age AND have an Associates Degree before they can take the National Certification Exam.

## ACCOUNTING, BS

**SEE UNIVERSITY CENTER.**

## ACCOUNTING CLERK

**SEE SCHOOL OF APPLIED TECHNOLOGY.**

## ADULT BASIC EDUCATION

**SEE SCHOOL OF APPLIED TECHNOLOGY.**

## AIR-CONDITIONING, HEATING, AND REFRIGERATION

**SEE SCHOOL OF APPLIED TECHNOLOGY.**

## SAMPLE SCHEDULE

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<thead>
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<td>ENGL 1010 3</td>
<td>ACCT 1280 3</td>
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<td>FIN 1380 3</td>
<td>ACCT 2020 3</td>
</tr>
<tr>
<td>MKTG 1090 3</td>
<td>BUS 2200 3</td>
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<tr>
<td>BUS ELECTIVES 2-3</td>
<td>MGT 2050 3</td>
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<td>DISTRIBUTION 3</td>
<td>CIS 2410 3</td>
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## CERTIFICATE OF COMPLETION/CTE ACCOUNTING

(minimum 33 hours required)

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<td>ACCT 1280 Acct Info Sys I 3</td>
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<td>BUS 2200 Bus Communications 3</td>
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<td>ENGL 1010</td>
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<tr>
<td>ENGL 1010 Intro to Writing 3</td>
<td>CIS 1020 or comp</td>
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<td>MKTG 1060 Prof in Business 3</td>
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*See Business advisor.

## BUSINESS OR ACCOUNTING ELECTIVES (3 CREDIT HOURS)

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<tr>
<td>BUS ELECTIVES 3</td>
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<tr>
<td>TOTAL 15</td>
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</table>
NOTE: Courses which make up the interpreter training program are offered in an established sequence and must be taken in order to proceed to the next series of classes. Applications are accepted throughout the year.

ASL/INTERPRETER TRAINING APPLICATION PROCESS
1. Be admitted through the SLCC enrollment services as a matriculated student declaring a major in American Sign Language/Interpreting.
2. Complete application to enter the interpreting program and attach the following documents:
   • Transcripts showing all grades for ASL classes
   • CPT or ACT Scores for Math and English
3. Turn in the application, transcripts and test scores to the department secretary in AD 145 (grades must be posted for 1010 and 1020 on the transcript.)
4. Students who have satisfied the above criteria will then receive an acceptance letter with instructions on how to register for interpreting program classes.

NOTE: Interpreting training class sizes are limited and are guaranteed to be taught at least once a year. A new cohort begins every Fall. Depending on enrollment a second cohort will also begin in the Spring. Students are encouraged to apply as soon as they become eligible as classes are filled on a first accepted, first served basis.

REMAINING IN THE ASL/INTERPRETING TRAINING PROGRAM
Students in the American Sign Language/Interpreting program must maintain a grade of B or better in each class. If a lower grade than a B is received, the student will be unable to continue in the program until that class can be retaken and a satisfactory grade is earned.

AMERICAN SIGN LANGUAGE AS A FOREIGN LANGUAGE ONLY
For students who wish to take American Sign Language classes only to fulfill their foreign language requirement and who do not intend to enroll in the interpreter training program, the only minimum grade requirement is a passing grade. The following courses may be taken without being enrolled in the interpreter training program: ASLI 1010, 1020, 1300, 1430, 2010, 2020, 2300 and 2900.

CLASS AVAILABILITY
Students should check the semester class schedule for the day/ evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF ARTS TRANSFER DEGREE*
(minimum 86-87 hours required)

GENERAL EDUCATION REQUIREMENTS

AMERICAN SIGN LANGUAGE/INTERPRETING

AMERICAN INSTITUTIONS AI (3 CREDITS)
ECON 1740 Econ Hist of US 3 A
OR
HIST 1700 Amer Civilization 3 A
OR
POLIS 1100 US Gov & Politics 3 A

INSTITUTIONAL REQUIREMENTS
LIFELONG WELLNESS
HLAC ___ 1 A none

STUDENT CHOICE (3 CREDITS)
Communication or depth course. (Recommend COMM 1020 to fulfill public speaking experience.)

COMPUTER LITERACY

DISTRIBUTION AREAS
Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

- Biological Science (BS) 3-4 A
- Fine Arts (FA) 3 A
- Humanities (HU) 3 A
- Interdisciplinary (ID) 3 A
- Physical Science (PS) 3 A
- Social Science (SS) 3 A

See pp. 23-27 for options in each of these categories.

* NOTE: Admission into a major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information.

MAJOR COURSE REQUIREMENTS

**ASLI 1010 Beginning ASL I 5 A
**ASLI 1020 Beginning ASL II 5 A
**ASLI 1200 Intro to Interp 3 F, Sp ASLI 1010
**ASLI 1220 Cog Pre/Int Ana 3 F, Sp ASLI 1020
ASLI 1300 Conversation I 1 F, Sp ASLI 1010
ASLI 1400 Cross-Cult Intrp 3 F, Sp ASLI 1200,

**ASLI 1420 Conscon Interp 3 F, Sp ASLI 1200,
ASLI 1430 Linguistics ASL 3 F, Sp ASLI 1200,
**ASLI 2010 Intermed ASL I 5 F, Sp ASLI 1020
ASLI 2020 Intermed ASL II 5 F, Sp ASLI 1020
**ASLI 2200 Simul Interp 3 F, Sp ASLI 1400,

ASLI 2220 Educational Intrp 3 F, Sp ASLI 1400,

ASLI 2250 Mentorship 2 F, Sp ASLI 1400,
ASLI 2400 Practicum 3 F, Sp ASLI 1400,
ASLI 2410 Practicum Seminar 1 F, Sp ASLI 1400,

**Lab required.
F, SP = Class will only run if there is sufficient enrollment.
Architectural Technology

Optional Elective

Course CR SEM Prerequisites
ASLI 1010 Independent Studies 1-3 TBA instructor’s approval
ASLI 2010 Special Studies 1-3 TBA instructor’s approval

Note: Students who complete ASLI 1010, 1020, 2010, and 2020 will add an additional 20 credits to the minimum of 63 hours.

Sample Schedule

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASLI 1010 5</td>
<td>ASLI 1020 5</td>
</tr>
<tr>
<td>ENGL 1010 3</td>
<td>ENGL 2010 3</td>
</tr>
<tr>
<td>ASLI 1300 1</td>
<td>ASLI 1430 3</td>
</tr>
<tr>
<td>ASLI 2220 3</td>
<td>ASLI 2200 5</td>
</tr>
<tr>
<td>DISTRIBUTION 3</td>
<td>CIS 1020 3</td>
</tr>
<tr>
<td>TOTAL 15</td>
<td>TOTAL 17</td>
</tr>
</tbody>
</table>

1st ITP Semester 2nd ITP Semester

| ASLI 1200 3   | ASLI 1400 3     |
| ASLI 1300 1   | ASLI 1420 3     |
| ASLI 2220 3   | ASLI 2400 3     |
| DISTRIBUTION 3| DISTRIBUTION 3  |
| TOTAL 15      | TOTAL 17        |

3rd ITP Semester 4th ITP Semester

| ASLI 2220 3   | ASLI 2410 3     |
| ASLI 2550 2   | DISTRIBUTION 3  |
| ASLI 2300 1   | DISTRIBUTION 3  |
| DISTRIBUTION 3| DISTRIBUTION 3  |
| TOTAL 12      | TOTAL 13        |

Note: Students already possessing a college degree and fluent ASL skills or previous interpreting experience may be eligible for the non-credit Fast Track certification advancement courses. For more information contact Connie Spanton-Jex at 801-957-4642.

Anthropology

See History & Anthropology.

Applied Management

See University Center.

Apprenticeships

See Apprenticeships Section.

Arabic

See Language and Culture.

Architectural Technology

Estimated cost of books per year

<table>
<thead>
<tr>
<th></th>
<th>First Year</th>
<th>Second Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$300-$500</td>
<td>$300-$500</td>
</tr>
</tbody>
</table>

Technology Building room 416E (801) 957-4174
General Information (801) 957-4827
Academic Advisor SI 209 (801) 957-4858
www.slcc.edu/arch

Professor: Jeff Plant
Associate Professors: Norman Clark, Kevin King

The major aspects of architectural design and practice are presented to students in a balanced approach that allows them to gain a general understanding of the profession and practice as well as to acquire marketable skills in design, architectural practice, construction documentation, CAD and computer graphics.

The program emphasizes the real world application of all concepts, principles and techniques. Instruction is enhanced by exposing the students to real world materials and techniques through instructor experience and knowledge as well as visits from and exposure to architectural design professionals.

Life skills also are stressed to enhance students’ architectural skills. These include communication, time management, graphics, creative problem solving, group dynamics, responsibility and professionalism. Students are qualified for a variety of job and educational opportunities upon completion of the program.

Student Organizations

Skills USA - All students enrolled in the architecture program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills. This training is included in the curriculum of this program.

CSI (Construction Specifications Institute) - Students have an opportunity to join CSI, a national organization that allows students to associate with industry professionals, sponsors design competitions for various organizations, and participate in community service projects and develop leadership skills.

Prerequisites

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

Preparation Note

Students who need to take preparatory classes to meet the requirements of first semester courses should plan extra time to complete a degree. A high school curriculum heavily weighted in mathematics, science, and communication skills is highly recommended. Placement testing will be done upon entry to the College unless the student has prior college-level experience.

Class Availability

The semester in which the courses are taught is listed below. Please note that because of the nature of the program, classes are sequential and not offered every semester. Students should check department web page for updates and cancellations due to varying enrollments.

Transfer Note

The Graduate School of Architecture at University of Utah requires a diversity requirement. It is recommended that the requirement be satisfied before graduation from SLCC. Check with the Architecture Department or an Academic Advisor for a current list of qualifying classes.

Completing the Listed Requirements Below Results in Receiving an Associate of Science Transfer Degree*

Architectural Technology/Architecture

(minimum 60 hours required)

The Program

The AS degree is designed to transfer to four-year institutions in the Utah System of Higher Education. This program has been specifically designed to be an integral part of the bachelor’s degree in architecture and is transferable to the University of...
Students who plan to transfer to the University of Utah should make contact with the architecture department early in their program. Students entering SLCC or the U of U have the opportunity to complete the same program in the same number of years.

This program introduces students to basic concepts in architectural design and delineation. Beginning skills in design are acquired as students learn to generate creative solutions to various design problems. Skills are developed in the area of delineation with courses presenting concepts of freehand sketching, perspectives, digital image manipulation and other methods of design idea representation.

CAREER OPPORTUNITIES
This program also provides excellent entry-level skills, which when built upon, will enable students to advance to lower- or middle-management positions, depending on the individual person. However, at the highest end of the profession, architecture requires advanced education and licensing. One usually cannot advance to upper-level management, partnership, or ownership positions without a Bachelor or Master of Architecture degree (BArch or MArch). To help students with additional professional education, the Architectural Technology program has clearly articulated transfer of this program with the Graduate School of Architecture at the University of Utah.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

ELECTIVE OPTIONS
Those classes noted below with an asterisk are not directly required by the University of Utah for articulation, but they have been formulated in conjunction with the University of Utah program to increase the student’s knowledge base and background. These classes may be substituted by any of the approved departmental classes.

*NOTE: Admission into a major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/ced/02a.html.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 2100 Technical Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2010 Intern Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
<tr>
<td>MATH 1210 Calculus I</td>
<td>4</td>
<td>A</td>
<td>MATH 1060</td>
</tr>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>HIST 1700 Amer Civilization</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>POLS 1100 US Gov &amp; Politics</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
</tbody>
</table>

AMERICAN INSTITUTIONS (3 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 1010 Intro to Des Pro</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1130 Basic Drawing</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1510 Des Wkshp</td>
<td>3</td>
<td>Sp</td>
<td>ARCH 1130 or concurrent</td>
</tr>
<tr>
<td>PHYS 2010 College Physics I</td>
<td>4</td>
<td>A</td>
<td>MATH 1060 (lab not required)</td>
</tr>
<tr>
<td>PHYS 2020 College Physics II</td>
<td>4</td>
<td>A</td>
<td>PHYS 2010</td>
</tr>
</tbody>
</table>

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 1210 Residential Con</td>
<td>5</td>
<td>Sp</td>
<td>ARCH 1010, ARCH 1310</td>
</tr>
<tr>
<td>*ARCH 1310 Intro AutoCAD</td>
<td>3</td>
<td>F</td>
<td>computer literacy</td>
</tr>
<tr>
<td>*ARCH 2150 Arch Graphics</td>
<td>3</td>
<td>Sp</td>
<td>ARCH 1130</td>
</tr>
</tbody>
</table>

SUGGESTED ELECTIVES

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 1210 Residential Con</td>
<td>5</td>
<td>Sp</td>
<td>ARCH 1010, ARCH 1310</td>
</tr>
<tr>
<td>ARCH 1310 Intro AutoCAD</td>
<td>3</td>
<td>F</td>
<td>computer literacy</td>
</tr>
<tr>
<td>ARCH 1310 Comp Graphics</td>
<td>3</td>
<td>F</td>
<td>computer literacy</td>
</tr>
<tr>
<td>ARCH 2150 Arch Graphics</td>
<td>3</td>
<td>Sp</td>
<td>ARCH 1130</td>
</tr>
<tr>
<td>ARCH 2130 Mdlng/Rndng/AnmlII</td>
<td>3</td>
<td>F</td>
<td>ARCH 1310</td>
</tr>
<tr>
<td>ARCH 2150 Adv Arch CAD</td>
<td>3</td>
<td>Sp</td>
<td>ARCH 1310</td>
</tr>
<tr>
<td>ARCH 2510 Arch CAD II</td>
<td>5</td>
<td>F</td>
<td>ARCH 1210, ARCH 1310</td>
</tr>
<tr>
<td>ARCH 2520 Arch CAD III</td>
<td>5</td>
<td>Sp</td>
<td>ARCH 2210, ARCH 2510</td>
</tr>
</tbody>
</table>

NOTE: The following courses are approved departmental electives that can be taken in place of the suggested electives noted above with an asterisk. Students must select a minimum of 11 credits from the following list. It is the student’s responsibility to examine each course description for details of prerequisite courses.

APPROVED ELECTIVES

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tr>
<td>ARCH 1010</td>
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<td>A</td>
<td>ENGL 2010</td>
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<tr>
<td>ARCH 1310 Intro AutoCAD</td>
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<td>F</td>
<td>computer literacy</td>
</tr>
<tr>
<td>ARCH 1310 Comp Graphics</td>
<td>3</td>
<td>F</td>
<td>computer literacy</td>
</tr>
<tr>
<td>ARCH 2150 Arch Graphics</td>
<td>3</td>
<td>Sp</td>
<td>ARCH 1130</td>
</tr>
<tr>
<td>ARCH 2130 Mdlng/Rndng/AnmlII</td>
<td>3</td>
<td>F</td>
<td>ARCH 1310</td>
</tr>
<tr>
<td>ARCH 2150 Adv Arch CAD</td>
<td>3</td>
<td>Sp</td>
<td>ARCH 1310</td>
</tr>
<tr>
<td>ARCH 2510 Arch CAD II</td>
<td>5</td>
<td>F</td>
<td>ARCH 1210, ARCH 1310</td>
</tr>
<tr>
<td>ARCH 2520 Arch CAD III</td>
<td>5</td>
<td>Sp</td>
<td>ARCH 2210, ARCH 2510</td>
</tr>
</tbody>
</table>

SAMPLE SCHEDULE

Please note that required departmental classes are not offered every year. To graduate in two years, a student must follow the suggested program schedule.

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 1010</td>
<td>ARCH ELECTIVES</td>
</tr>
<tr>
<td>ARCH 1130</td>
<td>OR</td>
</tr>
<tr>
<td>ENGL 1010</td>
<td>ENGL 2100</td>
</tr>
<tr>
<td>DISTRIBUTION</td>
<td>DISTRIBUTION</td>
</tr>
<tr>
<td>TOTAL</td>
<td>TOTAL</td>
</tr>
<tr>
<td>15</td>
<td>15</td>
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</table>

<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 2010</td>
<td>ARCH 1510</td>
</tr>
<tr>
<td>STUDENT CHOICE</td>
<td>PHYS 2030</td>
</tr>
<tr>
<td>AMERICAN INST</td>
<td>MATH 1210</td>
</tr>
<tr>
<td>DISTRIBUTION</td>
<td>DISTRIBUTION</td>
</tr>
<tr>
<td>TOTAL</td>
<td>TOTAL</td>
</tr>
<tr>
<td>16</td>
<td>14</td>
</tr>
</tbody>
</table>
ARCHITECTURAL TECHNOLOGY/CONSTRUCTION MANAGEMENT  
(minimum 64 hours required) 

The AS Degree is designed to transfer to four-year institutions in the Utah System of Higher Education. This program is specifically designed to transfer to Weber State University in accordance with the established articulation agreement and fulfills the lower level course requirements for the Bachelor of Science in Construction Management Technology. Students who plan to transfer to Weber should make contact with the Parson’s Construction Management Technology Program early in their course of study, at (801) 626-7761. Students entering SLCC or Weber have the opportunity to complete the same program in the same number of years.

The Construction Management Program is designed to provide professional development training for individuals desiring to work in construction and architectural industries and associated fields. Students in the program will be trained in the techniques and practices of organizing and supervising the construction process. All courses will be taught by members of the industry. The program will provide individuals planning to pursue construction management as a career with course work that can augment the job-related experience gained during or after enrollment at the College. Courses in the program concentrate primarily on those skills utilized in the field including cost estimating, bidding contracts and liability, supervision and safety, scheduling and coordination and mechanical and electrical interface in buildings.

The program currently offers classes from Weber State University through the SLCC University Center program that allows students to take Weber State University Construction Management classes at SLCC and obtain a B.S. in Construction Management.

Changes can be made to the AS program at any time to match the Weber CMT program and maintain the articulation. It is recommended that students contact the Architectural Technology Department Coordinator at (801) 957-4174 or Parson’s Construction Management Technology Department Coordinator at Weber State at (801) 626-7761. They will provide the latest approved course lists and sample schedules.

PREREQUISITES

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

*NOTE: Admission into a major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site, www.utahsbe.edu/hawi02a.html.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CORE SKILLS COMPOSITION</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ENGL 1010</td>
<td>Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
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<tr>
<td>ENGL 2010</td>
<td>Intermed Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2100</td>
<td>Technical Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>Quantitative Literacy</td>
<td>MATH 1060</td>
<td>3</td>
<td>A</td>
<td>MATH 1050</td>
</tr>
</tbody>
</table>

AMERICAN INSTITUTIONS (CHOOSE ONE)

ECON 1740 Econ Hist of US 3 A  
OR
HIST 1700 American Civ 3 A  
OR
POLS 1100 US Gov & Politics 3 A

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC _____ 1 A  none

STUDENT CHOICE (6 CREDITS)

COMM 1010 Intro to Comm 3 A  none

COMM 1020 Principles of Pub Spk 3 A  none

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

| Bioblogical Science (BS) | 3 A | RDG 0900 w/C or better |
| Fine Arts (FA)           | 3 A | none |
| Humanities (HU)          | 3 A | none |
| Interdisciplinary (ID)   | 3 A | none |
| Social Science (SS)      | 3 A | none |

Physical Science distribution area is exempted because PHYS 2010 is required for program and WSU.

Interdisciplinary, ENVT 1010 recommended for transfer to WSU.

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

(REQUIRED 31-33 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ARCH 1010</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1100</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1210</td>
<td>5</td>
<td>Sp</td>
<td>ARCH 1010, ARCH 1110</td>
</tr>
<tr>
<td>ARCH 2060</td>
<td>3</td>
<td>F</td>
<td>ARCH 1010 or approval</td>
</tr>
<tr>
<td>ARCH 2110</td>
<td>5</td>
<td>F</td>
<td>ARCH 1110 or BCMM 1010</td>
</tr>
<tr>
<td>ARCH 2460</td>
<td>2</td>
<td>F, Sp</td>
<td>ARCH 1110 or BCMM 1010</td>
</tr>
<tr>
<td>ARCH 2470</td>
<td>2</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>PHYS 2010</td>
<td>4</td>
<td>A</td>
<td>MATH 1060 (lab not required)</td>
</tr>
<tr>
<td>ARCH Elective (choose one below)</td>
<td>3-5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ELECTIVE OPTIONS

Students may select additional electives designed to meet Weber State University requirements for the bachelor’s in Construction Management Technology. (See advisor or program coordinator and ask for the Transfer Recommendations form). If students have not had “hands on” construction experience, it is recommended that they take Construction Lab (BCMM 1050) as an elective. These courses are currently not applicable to Weber’s program but would provide important background for students with no prior construction experience.

DEPARTMENTAL ELECTIVES (CHOOSE ONE BELOW)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>*ARCH 2310</td>
<td>3</td>
<td>F</td>
<td>Computer Literacy</td>
</tr>
<tr>
<td>ARCH 2450</td>
<td>3</td>
<td>F</td>
<td>ARCH 1210 or ARCH 1310</td>
</tr>
<tr>
<td>*ARCH 2510</td>
<td>5</td>
<td>F</td>
<td>ARCH 1310</td>
</tr>
<tr>
<td>*ARCH 2520</td>
<td>5</td>
<td>Sp</td>
<td>ARCH 1310</td>
</tr>
<tr>
<td>SVT 1030</td>
<td>3</td>
<td>F</td>
<td>SVT 110</td>
</tr>
<tr>
<td>BCMM 2050</td>
<td>3</td>
<td>F, Sp</td>
<td>BCMM 1010 or ARCH 1210</td>
</tr>
</tbody>
</table>

*Course suggested for background experience, but does not transfer.
TRANSFER RECOMMENDATIONS
In addition to the required courses listed above, WSU’s Construction Management program requires the following electives that may be lower division and completed at SLCC:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2010</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ECON 2010</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ECON 2020</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ENVT 1110</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>GEO 1100</td>
<td>3</td>
<td>F</td>
<td>w/GEO 1115</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td>none</td>
</tr>
<tr>
<td>GEO 1060</td>
<td>3</td>
<td>Sp</td>
<td>w/GEO 1085</td>
</tr>
<tr>
<td>MGT 2050</td>
<td>3</td>
<td>A</td>
<td>BUS 1050</td>
</tr>
</tbody>
</table>

SAMPLE SCHEDULE
Please note that required departmental classes are not offered every semester. To graduate in two years, a student must follow the suggested program schedule.

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 1010</td>
<td>ARCH 1100</td>
</tr>
<tr>
<td>COM 1010</td>
<td>ARCH 1210</td>
</tr>
<tr>
<td>OR</td>
<td>ENGL 2010</td>
</tr>
<tr>
<td>HLAG</td>
<td>DISTRIBUTION 6</td>
</tr>
<tr>
<td>DISTRIBUTION 6</td>
<td>TOTAL 16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 2060</td>
<td>ARCH 2460</td>
</tr>
<tr>
<td>ARCH 2210</td>
<td>ARCH 2470</td>
</tr>
<tr>
<td>MATH 1060</td>
<td>ARCH ELECTIVES 3-5</td>
</tr>
<tr>
<td>AMERICAN INST</td>
<td>PHYS 2010</td>
</tr>
<tr>
<td>DISTRIBUTION 3</td>
<td>TOTAL 14-16</td>
</tr>
</tbody>
</table>

ASSOCIATE OF APPLIED CTE SCIENCE DEGREE IN ARCHITECTURAL TECHNOLOGY
(minimum 67 hours required)

THE PROGRAM
The architecture technology program curriculum leads to an AAS in architectural technology and is designed to provide students with the skills required to become architectural drafters/detailers. The AAS curriculum concentrates on the process involved in preparing sets of presentation and construction documents. Drawing skills are developed using computer-aided design (CAD) systems. In this process, students study construction details, mechanical systems, building code, specifications and building construction techniques.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CAREER OPPORTUNITIES
A graduate of this program will have the skills required to be drafters in an architectural, consulting, engineering or contracting office. Students will be qualified for positions in building materials and equipment sales, specification writing and as assistant construction field representatives or any other architecture-related positions.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>MATH 1010</td>
<td>4</td>
<td>A</td>
<td>MATH 0990 w/C or better</td>
</tr>
<tr>
<td>COMM 1010</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1020</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>PHYS 2010</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1060</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 2460</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 2470</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1100</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1210</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1310</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1350</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1510</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 2470</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 2480</td>
<td>3</td>
<td>A</td>
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</tr>
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<td>ARCH 2510</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1010</td>
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<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1100</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1210</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1310</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1350</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1510</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 2470</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 2480</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 2510</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

HUMAN RELATIONS
LE 1220 Human Relation 3 A none

DISTRIBUTION AREAS
Choose an additional three credit hours from one of the following distribution areas:

| Biological Science (BS) | 3-4 | A | RDG 0900 w/C or better |
| Fine Arts (FA)          | 3   | A | none                      |
| Humanities (HU)         | 3   | A | none                      |
| Interdisciplinary (ID)  | 3   | A | none                      |
| Physical Science (PS)   | 3   | A | none                      |
| Social Science (SS)     | 3   | A | none                      |

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ARCH 1010</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1100</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1130</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1210</td>
<td>3</td>
<td>F</td>
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<tr>
<td>ARCH 1310</td>
<td>3</td>
<td>F</td>
<td>computer literacy</td>
</tr>
<tr>
<td>ARCH 1350</td>
<td>3</td>
<td>F</td>
<td>computer literacy</td>
</tr>
<tr>
<td>ARCH 1510</td>
<td>3</td>
<td>F</td>
<td>ARCH 1130 or concurrent</td>
</tr>
<tr>
<td>ARCH 2060</td>
<td>3</td>
<td>F</td>
<td>ARCH 1010 or instructor's approval</td>
</tr>
<tr>
<td>ARCH 2150</td>
<td>3</td>
<td>F</td>
<td>ARCH 1130</td>
</tr>
<tr>
<td>ARCH 2210</td>
<td>5</td>
<td>F</td>
<td>ARCH 1210 or BCCM 1010</td>
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<tr>
<td>ARCH 2240</td>
<td>5</td>
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<td>ARCH 1210 or BCCM 1010</td>
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<tr>
<td>ARCH 2510</td>
<td>5</td>
<td>F</td>
<td>ARCH 1210, ARCH 1310</td>
</tr>
<tr>
<td>ARCH 2520</td>
<td>5</td>
<td>Sp</td>
<td>none</td>
</tr>
</tbody>
</table>

SAMPLE SCHEDULE
Please note that required departmental classes are not offered every semester. To graduate in two years, a student must follow the suggested program schedule.

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
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<td>ARCH 1100</td>
</tr>
<tr>
<td>COM 1010</td>
<td>ARCH 1210</td>
</tr>
<tr>
<td>ENGL 1010</td>
<td>ARCH 2010</td>
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<tr>
<td>HLAG</td>
<td>DISTRIBUTION 6</td>
</tr>
<tr>
<td>DISTRIBUTION 6</td>
<td>TOTAL 16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 2060</td>
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<tr>
<td>AMERICAN INST</td>
<td>PHYS 2010</td>
</tr>
<tr>
<td>DISTRIBUTION 3</td>
<td>TOTAL 14-16</td>
</tr>
</tbody>
</table>

ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN ARCHITECTURAL TECHNOLOGY/CAD AND COMPUTER GRAPHICS EMPHASIS
(minimum 66 hours required)

THE PROGRAM
Computers are being used at an increasing rate in the practice of architecture. A large percentage of design professionals perform a majority of their drawings using CAD systems. Professionals are using computers for many tasks, including graphic delineation, modeling, rendering, animation and to establish internet presence and interaction.

Students in the architectural CAD and computer graphics program will have the opportunity to specialize in their architectural training in the developing area of computer programs. This specialization will provide students with the opportunity to develop computer skills in all areas of CAD, modeling, rendering, animation and graphic presentation. Students will examine the
more technical programming side of CAD by acquiring skills to enable them to customize and manage existing CAD software to function more efficiently.

CAREER OPPORTUNITIES
AAS graduates are qualified with entrance level skills to work in an architectural profession or related fields as an architectural draftsperson, Computer/CAD Consultant, Computer Presentation Designer, or other field in CAD design. This specialization will also provide students with the background knowledge leading to a speciality in CAD programming and CAD office management.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>MATH 1010 Intern Algebra</td>
<td>4</td>
<td>A</td>
<td>MATH 0990 w/C or better</td>
</tr>
<tr>
<td>COMM1010 Elem of Elf Comm</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>COMM1020 Pncepls Public Spk</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>LE 1220 Human Relation</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

DISTRIBUTION AREAS
Choose an additional three credit hours from one of the following distribution areas:

- Biological Science (BS) 3-4 A RDG 0900 w/C or better
- Fine Arts (FA) 3 A none
- Humanities (HU) 3 A none
- Interdisciplinary (ID) 3 A none
- Physical Science (PS) 3 A none
- Social Science (SS) 3 A none

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 1010 Intro Design Pro</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1100 Intro Arch Draw</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1130 Basic Drawing</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>ARCH 1210 Residential Con</td>
<td>5</td>
<td>Sp</td>
<td>ARCH 1010, ARCH 1310</td>
</tr>
<tr>
<td>ARCH 1310 Intro AutoCAD</td>
<td>3</td>
<td>F</td>
<td>computer literacy</td>
</tr>
<tr>
<td>ARCH 1350 Comp Graphics</td>
<td>3</td>
<td>F</td>
<td>computer literacy</td>
</tr>
<tr>
<td>ARCH 1910 Arch Des Wksp</td>
<td>3</td>
<td>Sp</td>
<td>ARCH 1130 or concurrent</td>
</tr>
<tr>
<td>ARCH 2210 Commercial Const</td>
<td>5</td>
<td>F</td>
<td>ARCH 1210 or BCCM 1010</td>
</tr>
<tr>
<td>ARCH 2310 Milling/Rndg/AnnlI</td>
<td>3</td>
<td>F</td>
<td>ARCH 1310</td>
</tr>
<tr>
<td>ARCH 2320 Milling/Rndg/AnnlII</td>
<td>3</td>
<td>Sp</td>
<td>ARCH 2110</td>
</tr>
<tr>
<td>ARCH 2330 CAD Custom</td>
<td>3</td>
<td>Sp</td>
<td>ARCH 1310, ARCH 2110</td>
</tr>
<tr>
<td>ARCH 2350 Adv Arch CAD</td>
<td>3</td>
<td>Sp</td>
<td>ARCH 1310</td>
</tr>
<tr>
<td>ARCH 2910 Arch CAD II</td>
<td>5</td>
<td>F</td>
<td>ARCH 1210, ARCH 1310</td>
</tr>
<tr>
<td>ARCH 2920 Arch CAD III</td>
<td>5</td>
<td>Sp</td>
<td>ARCH 2110, ARCH 3110</td>
</tr>
</tbody>
</table>

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 1010 3</td>
<td>ARCH 1100 3</td>
</tr>
<tr>
<td>ARCH 1130 3</td>
<td>ARCH 1210 5</td>
</tr>
<tr>
<td>ARCH 1310 3</td>
<td>COMM 1010 3</td>
</tr>
<tr>
<td>ARCH 1350 3</td>
<td>ENGL 1010 3</td>
</tr>
<tr>
<td>MATH 1010 4</td>
<td>DISTRIBUTION 3</td>
</tr>
<tr>
<td>TOTAL 16</td>
<td>TOTAL 17</td>
</tr>
</tbody>
</table>

ARMED SERVICES
SEE RESERVE OFFICER TRAINING CORPS. ALSO SEE SCHOOL OF APPLIED TECHNOLOGY.

ART
SEE VISUAL ART AND DESIGN.

ART HISTORY
SEE HUMANITIES.

ASL
SEE AMERICAN SIGN LANGUAGE/INTERPRETING.

AUTO COLLISION REPAIR/PAINT TECHNOLOGY APPRENTICESHIP
SEE APPRENTICESHIPS SECTION.

AUTOMOTIVE AND RELATED TECHNOLOGIES
SEE ALSO MOTORCYCLES AND OUTDOOR POWER EQUIPMENT TECHNOLOGY

Miller Campus
General Information (801) 957-4346
Academic Advisor CT 218 (801) 957-4550
www.slcc.edu/autotechnologies

Professor: Neil Grover
Assistant Professors: Vince Badger, Brett Baird
Instructor: Bill Breedlove, Charles Spainhower, Ed White

ASSOCIATE OF APPLIED SCIENCE CTE
DEGREE IN AUTOMOTIVE TECHNICIAN
(minimum 63 hours required)

- Estimated cost of tools and supplies: $2,000
- Estimated cost of books: $720

THE PROGRAM
The four-semester automotive technician program is designed to train students in both domestic and imported vehicle mechanics and repairs. It prepares students to enter into the job market as technicians skilled in all facets of automotive repair.

Prospective auto technicians should be in good physical condition, have above average mechanical aptitude and hand-eye coordination and have problem-solving and critical thinking skills.

Any course offered in this program can be taken as part of the vocational/technical elective for an associate of science degree in general studies. General Education and elective courses provide training in effective oral and written communication and human relations skills.

CAREER OPPORTUNITIES
Upon completion of this program, graduates may find employment opportunities as automotive transmission specialists, engine performance experts, automobile air conditioning
specialists, front end and brake technicians and emission control specialists. Most technicians furnish their own hand tools. Employers furnish engine analyzers and specialized test equipment and tools for servicing service units such as automatic transmissions. Skills in automotive diagnosis and repair opens the doors to a multitude of jobs throughout the state and nation.

SKILLS USA
Skills USA - All students enrolled in the automotive program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills. This training is included in the curriculum of this program.

PREPARATION NOTE
Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program. A high school curriculum heavily weighted in mathematics, science and communication skills is highly recommended.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

ELECTIVE OPTIONS
It is possible to earn some laboratory credit through cooperative education if students are employed in a job involving automotive mechanics. With prior approval of a teaching faculty member and faculty CO-OP coordinator for the Automotive Department, students would register for the regular laboratory course.

CLASS AVAILABILITY
The semester in which courses are taught is listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>IND 1120 Math for Industry</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
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</table>

HUMAN RELATIONS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO 1110 Auto Elec Lecture</td>
<td>2</td>
<td>E, Sp</td>
<td>w/AUTO 1111</td>
</tr>
<tr>
<td>AUTO 1111 Auto Elec Lab</td>
<td>4</td>
<td>E, Sp</td>
<td>w/AUTO 1112</td>
</tr>
<tr>
<td>AUTO 1112 Auto Eng Lecture</td>
<td>2</td>
<td>E, Sp</td>
<td>w/AUTO 1113</td>
</tr>
<tr>
<td>AUTO 1113 Auto Lab</td>
<td>4</td>
<td>E, Sp</td>
<td>w/AUTO 1114</td>
</tr>
<tr>
<td>AUTO 1120 Auto Brakes Lecture</td>
<td>2</td>
<td>E, Sp</td>
<td>w/AUTO 1121</td>
</tr>
<tr>
<td>AUTO 1121 Auto Brakes Lab</td>
<td>4</td>
<td>E, Sp</td>
<td>w/AUTO 1120</td>
</tr>
<tr>
<td>AUTO 1122 Auto Susp/Steer</td>
<td>4</td>
<td>E, Sp</td>
<td>w/AUTO 1123</td>
</tr>
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</table>

ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN AUTOMOTIVE COLLISION REPAIR AND REFINISHING (MINIMUM 65 HOURS REQUIRED)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>IND 1120 Math for Industry</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
</tbody>
</table>

THE PROGRAM
This is a two-year composite program of automotive refinishing and collision repair. Students enrolled in the program register for the same theory and laboratory classes, but the related education classes will be different from those offered in the auto refinishing and auto collision repair certificate programs. General Education and elective courses provide training in effective oral and written communication and human relations skills.

PREPARATION NOTE
Students who need to take preparatory classes to meet the requirements of the first-semester courses should plan on extra time to complete the program.

ELECTIVE OPTIONS
If a student is employed in a job involving automotive collision repair, it is possible to earn some laboratory credit through cooperative education. With prior approval of the instructor and the faculty CO-OP coordinator for the Auto Collision Repair Department, the students would register for the regular laboratory course. Students must attend CO-OP orientation.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
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<tr>
<td>IND 1120 Math for Industry</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
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</tbody>
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need to take preparatory classes to meet the requirements of the first semester courses should plan on extra time to complete the program.

PREREQUISITES
It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

ELECTIVE OPTIONS
If a student is employed in a job involving automotive collision repair, it is possible to earn some laboratory credit through cooperative education. With prior approval of the instructor and the CO-OP coordinator, the student would register for the regular laboratory course. Students must attend CO-OP orientation.

CLASS AVAILABILITY
The semester in which courses are taught is listed below. Students should check the semester class schedule for the day/evening availability and modifications caused by varying enrollment.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
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<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACR 1100 Metal &amp; Nonstrc</td>
<td>5</td>
<td>F</td>
<td>w/ACR 111</td>
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<tr>
<td>ACR 111 Nonstr Skill Apl</td>
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<td>F</td>
<td>w/ACR 1100</td>
</tr>
<tr>
<td>ACR 1200 Struc Dam &amp; An</td>
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<td>Sp</td>
<td>ACR 1100, w/ACR 1211</td>
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<tr>
<td>ACR 1211 Struc Skill Ap Dv</td>
<td>7</td>
<td>Sp</td>
<td>ACR 111, w/ACR 1200</td>
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<tr>
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<td>F</td>
<td>AR 111, w/AR 111</td>
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<td>w/AR 1100</td>
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<tr>
<td>AR 1200 Adv Auto R&amp;F</td>
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<td>Sp</td>
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<td>Sp</td>
<td>AR 1100, AR 111, w/AR 1200</td>
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<td>AR 1330 Auto Color &amp; Ds</td>
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SAMPLE SCHEDULE

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<td>ACR 1211</td>
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CERTIFICATE OF COMPLETION/AUTOMOTIVE COLLISION REPAIRCTE
(minimum 33 hours required)

THE PROGRAM
Auto collision repair technicians are skilled individuals who repair damaged motor vehicles by straightening bent structures, removing dents from fenders and body panels, welding torn metal and replacing badly damaged parts. Collision repair technicians are qualified to repair all types of vehicles, although most work is on automobiles and small trucks. The collision repair technician's work is characterized by variety because each damaged vehicle presents a different problem.

Any course offered in this program can be taken as part of the vocational/technical electives for an Associate of Science degree in general studies. The requirements for this degree are outlined in the catalog. General Education and elective courses provide training in effective oral and written communication and human relations skills.

PREPARATION NOTE
The collision repair technician's work requires fast job analysis and the ability to visualize what is needed to restore the damaged vehicle. Welding light gauge metal is one of the skills to be acquired along with parts repair and replacement. Those interested in entering auto collision repair should be in good physical condition and have good hand-eye coordination. Students who
MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>AR 1100 Auto Refinishing</td>
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<td>F</td>
<td>w/AR 1111</td>
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<tr>
<td>AR 1111 Refin Skill Dev</td>
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<td>F</td>
<td>w/AR 1100</td>
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<tr>
<td>AR 1200 Adv Auto Refin</td>
<td>5</td>
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<td>AR 1000, AR 1111, w/AR 1121</td>
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<tr>
<td>AR 1211 Adv Ref Skill Dv</td>
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<td>AR 1110, AR 1111, w/AR 1200</td>
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<tr>
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<td>none</td>
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<tr>
<td>ENGL 1010 Intro to Writing</td>
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<tr>
<td>IND 1120 Math for Industry</td>
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Any HR course

SAMPLE SCHEDULE

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MOTORCYCLE AND OUTDOOR POWER EQUIPMENT TECHNOLOGY
CERTIFICATE
(minimum 24 hours required)

THE PROGRAM
This is a comprehensive program designed to train students with very little mechanical or electrical knowledge and prepare them for the fast-growing motorcycle and outdoor power equipment service and repair industry. The program will also prepare students for the EETC/OPE certification.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
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<td>F</td>
<td>Concurrent w/ MOTO 1112</td>
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<tr>
<td>MOTO 1112 Engine Fund &amp; Repair Lab</td>
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<td>F</td>
<td>Concurrent w/ MOTO 1111</td>
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<tr>
<td>MOTO 1113 Motorcycle/OPE Electric 1</td>
<td>1</td>
<td>F</td>
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<tr>
<td>MOTO 1112 MTCycle/OPE Electric Lab 2</td>
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<td>F</td>
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<tr>
<td>MOTO 1131 M/C &amp; OPE Engine Perf</td>
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<tr>
<td>MOTO 1141 M/C &amp; OPE Drv/Tn/Chassis 2</td>
<td>2</td>
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SAMPLE SCHEDULE

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<td>MOTO 1142</td>
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<td>12</td>
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</table>

AUTOMOTIVE INDUSTRY AND RELATED VEHICLE TRAINING
SEE CONTINUING EDUCATION.

AVIATION TECHNOLOGY/AVIATION MAINTENANCE TECHNICIAN

International Airport Center, (801) 957-4445
General Information (801) 957-4073
Academic Advisor (801) 957-4550
www.slcc.edu/aviationmaintenance

Associate Professor: Brian Williamson
Instructors: William Cushenberry, Steve Mendiola

THE PROGRAM
The aviation technology program is designed to prepare students for a career in maintenance and repair of various aircraft. This program is designed to give students knowledge and skills for the level required to pass the Federal Aviation Administration written, oral and practical examinations for an airframe and powerplant (A&P) mechanics license. Aircraft technicians are required to perform preventive maintenance and troubleshoot, repair, install or replace parts relative to airframes and engines. Students will learn both fixed and rotor-wing aircraft as well as reciprocating and turbine engines.

CREDIT FOR PRIOR EXPERIENCE
Any FAA Certification or Military training leading to certification must be reviewed by department. Private Certification or Private ground school experience may be substituted from the Major Course Requirements area after review or by any course work from any elective track within the Aviation Technology Degree.

SKILLS USA
Skills USA - All students enrolled in the aviation program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social and employability skills. This training is included in the curriculum of this program.

PREPARATION NOTE
Students who need to take preparatory classes prior to entering the program should plan extra time to compete the program. High school curriculum in math, science and communication is recommended.

PREREQUISITES
It is the student’s responsibility to examine each course description for details about prerequisite classes.

CLASS AVAILABILITY
Students should check the semester schedule or department for day/evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN AVIATION TECHNOLOGY/AVIATION MAINTENANCE
(minimum 88 hours required)

GENERAL EDUCATION REQUIREMENTS

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<tr>
<th>COURSE</th>
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<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>MATH 1010 Interm Algebra (QS)</td>
<td>4</td>
<td>A</td>
<td>MATH 0990 w/C or better &amp; RDG 0900 w/C or better</td>
</tr>
<tr>
<td>COMM 1010 Elem of Elec Comm</td>
<td>3</td>
<td>A</td>
<td>none</td>
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<tr>
<td>LH 1120 Human Relation</td>
<td>3</td>
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Estimated cost of tools $1500
Estimated cost of tool box $1000
Estimated cost of books $350
Estimated cost of FAA test $750
AVIATION TECHNOLOGY/AVIATION MAINTENANCE TECHNICIAN

DISTRIBUTION AREAS
Choose an additional three credit hours from one of the following distribution areas:

- Biological Science (BS)  3-4 A  RDG 0900 w/C or better
- Fine Arts (FA)  3 A  none
- Humanities (HU)  3 A  none
- Interdisciplinary (ID)  3 A  none
- Physical Science (PS)  3 A  none
- Social Science (SS)  3 A  none

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
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<tr>
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<td>8</td>
<td>A</td>
<td>w/AMTT 1140 when available.</td>
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<td>AMTT 1140 Aircraft Elec Hrd</td>
<td>8</td>
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</tr>
<tr>
<td>AMTT 1120 Airframe Sys I</td>
<td>8</td>
<td>A</td>
<td>AMTT 1120, AMTT 1140</td>
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<td>8</td>
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</tr>
<tr>
<td>AMTT 2320 Airframe Inspect</td>
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<td>AMTT 1120, AMTT 1140, AMTT 1220, AMTT 1240, AMTT 1260</td>
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<tr>
<td>AMTT 2420 Recip Eng</td>
<td>8</td>
<td>A</td>
<td>AMTT 1120, AMTT 1140, AMTT 1220, AMTT 1240, AMTT 1260</td>
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<tr>
<td>AMTT 2440 Powerplant Insp</td>
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ELECTIVE COURSE

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<tr>
<td>AMTT 1160 Aviation Tech Math</td>
<td>3</td>
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<td>AMTT 2990 Special Studies</td>
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SAMPLE SCHEDULE

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<td>COMM 1010 3</td>
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DIPLoma IN AVIATIONCTE TECHNOLOGY/AVIATION MAINTENANCE TECHNICIAN
(minimum 84 hours required)

GENERAL EDUCATION REQUIREMENTS

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<td>ENGL 1010 Intro to Writing</td>
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<td>A</td>
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<td>LE 1220 Human Relation</td>
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MAJOR REQUIREMENTS

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<th>COURSE</th>
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<th>SEM</th>
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<tr>
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<td>w/AMTT 1140 when available.</td>
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<td>AMTT 1140 Aircraft Elec Hrd</td>
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<tr>
<td>AMTT 1160 Aviats Tech Math</td>
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<tr>
<td>AMTT 1220 Airframe Sys I</td>
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<td>A</td>
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<td>A</td>
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</tbody>
</table>

AVIATION TECHNOLOGY/PROFESSIONAL PILOT

Meadowbrook Campus
250 West 3900 South
Salt Lake City, UT 84107
General Information (801) 957-4448
Academic Advisor CT 218 (801) 957-4550
www.slcc.edu/aviationtechnology

Associate Professor: Fiona Silcox
Instructors: Mike Wellman

THE PROGRAM

The Professional Pilot Program combines flight training with the technical and professional courses necessary to prepare students for an extremely rewarding career in the field of aviation. Upon completion of the AS degree, students can transfer to Utah Valley State College, Utah State University, Westminster College or Embry-Riddle Aeronautical University to complete a bachelor’s degree.

General Education and elective courses provide training in oral and written communication and human relations skills. COMM 1010 is taught using group and team activities in the learning process to develop the student’s interactive skills and to build values and ethics.

PREPARATION NOTE

Minimum age is 17; English literacy in reading and speaking is required. Physical condition must be certified by an FAA medical examiner. A minimum of a Class II physical exam is required at an approximate cost of $70. The physical exam must be completed prior to the first flight lesson. Financial aid is available for eligible students and must be applied for at least 3 months prior to anticipated need.

PREREQUISITES

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied or waived before the designated class may be taken.
CLASS AVAILABILITY
The semesters in which courses are taught are listed here and in the course descriptions. Students should check the class schedule for day/evening availability and modifications by varying enrollment.
Academic classes will be available each semester alternating days and nights.

BOOKS AND SUPPLIES
The average cost per semester for books and supplies is $350. Most textbooks can be obtained from the College's bookstore. Books and supplies for pilot ground classes will only be available at the pilot shop from the flight school on contract.

SPECIAL FEE
In addition to tuition and fees, students will pay a special fee for flight labs. This fee is based on the national average flight training required for the particular certificate. Flight lab fees may vary due to individual abilities and aircraft equipment selected. Contact program faculty for more information on flight lab fees. Federal Aviation Administration knowledge exams and practical test flights for pilot certifications are separate costs.

CREDIT FOR PRIOR EXPERIENCE
Any FAA Certification or Military training leading to certification must be reviewed by department. Private Certification or Private ground school experience may be substituted from the Major Course Requirements area after review or by any course work from any elective track within the Aviation Technology Degree.

NEW STUDENT SEMINAR
A student orientation (PILT 1040) will provide vital program and career information. It will be conducted Fall and Spring semester for new, concurrent enrollment and transfer students.

TRANSFER/ARTICULATION
SLCC students who complete the program are prepared to transfer to Utah Valley University, Utah State University, Westminster College, or Embry-Riddle Aeronautical University to complete a bachelor's degree. Contact an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information. See also www.slcc.edu/professionalpilot

PROGRAM OBJECTIVES/ASSESSMENTS
The FAA-approved Part 141 flight program prepares students to earn the following licenses: Private Pilot License, Instrument Rating, Commercial License, Certified Flight Instructor, Certified Flight Instructor Instrument, Multi-Engine Instructor, Rotor Wing or Fixed Wing, Dispatch and Airline Transport Pilot. The student must demonstrate through knowledge tests, flight tests, and show through appropriate records that he/she meets the knowledge, skill, and experience requirement necessary. The various stages are complete when the student has completed written exams with a minimum passing score of 80%.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 67 hours required)

<table>
<thead>
<tr>
<th>GENERAL EDUCATION REQUIREMENTS COURSE</th>
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<th>SEM</th>
<th>PREREQUISITES</th>
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<td><strong>CORE SKILLS COMPOSITION</strong></td>
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</table>
| ENGL 1010 Intro to Writing           | 3  | A   | pre-test
| ENGL 2010 Intern Writing             | 3  | A   | ENGL 1010 w/C or better |
| **QUANTITATIVE LITERACY**            |    |     |               |
| MATH 1030 Quant Reas                 | 3  | A   | MATH 1010 w/C or better |
| OR                                   |    |     |               |
| MATH 1050 College Algebra            | 4  | A   | MATH 1010 w/C or better |

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<tr>
<th>AMERICAN INSTITUTIONS (3 CREDITS)</th>
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<tr>
<td>HIST 1700 Amer Civilization</td>
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<td>OR</td>
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<tr>
<td>POLS 1100 US Gov &amp; Politics</td>
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<tbody>
<tr>
<td>PILT 1010 Air Transportation</td>
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<td>PILT 1100 Priv Pilt Gnd Sc1</td>
<td>5</td>
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<tr>
<td>PILT 1250 Inst Grad Schl</td>
<td>3</td>
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<td>PILT 1150, or PILT 1155 w/PILT 1260 or w/PILT 1265</td>
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<td>PILT 1420 Aircraft Systems</td>
<td>3</td>
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<tr>
<td>PILT 2350 Physics of Flight</td>
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<td>PILT 2310 Hu Fact &amp; Safety</td>
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<td>Track Requirements minimum 10 credits</td>
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<td>Track or PILT Electives minimum 3-7 credits</td>
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<td>PILT 1050 Aviation History</td>
<td>2</td>
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<td>PILT 1010</td>
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<tr>
<td>PILT 1800 Ground Tutoring Lab</td>
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<tr>
<td>PILT 1840 Simulator Tutoring Lab</td>
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<td>PILT 1990 Special Studies</td>
<td>1-2</td>
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<td>PILT 2400 Co-Op</td>
<td>1-2</td>
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<tr>
<td>PILT 2010 PreGrad Seminar</td>
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<tr>
<td>PILT 2470 Corp Business</td>
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<td>DISP 1010 Regs, A/C Syst / Proc</td>
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<tr>
<td>PILT 1110 Pvt Sim Fixed-Wing Lab</td>
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<tr>
<td>PILT 1400 Intro Air Trfic Control</td>
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AVIATION TECHNOLOGY/PROFESSIONAL PILOT

DISP 1300 Dispatch Applications 5 FSP PILT 1100, 1400, 2050 or DISP 1010 or concurrent w/PILT 1100, 1400, 2050 or DISP 1010

FIXED-WING (AIRPLANE) TRACK REQUIREMENTS

PILT 1250 Inst Ground School 3 A PILT 1150 or w/PILT 1250 PILT 2120 or w/PILT 1250

PILT 1140 Solo Pilt F/W Cert Lab 1 A concurrent w/PILT 1100

PILT 1150 Priv Pilt F/W Cert Lab 2 A PILT 1140

PILT 1260 Inst Simulator F/W Lab 1 A PILT 1150 w/PILT 1250

PILT 1300 Instr Cert F/W Lab 3 A w/PILT 1250

FIXED-WING (AIRPLANE) TRACK ELECTIVES

PILT 2100 Commercial Ground 3 A PILT 1150, PILT 2120, w/PILT 1200 PILT 2200 Com Pilt Cert F/W Lab I 2 A concurrent w/PILT 2220 or w/PILT 2200 PILT 2210 Multi-Eng Grnd Sch 2 F, Sp PILT 1150, w/PILT 2210 PILT 2220 Eng F/W Add-Fcn Lab 1 A PILT 1150, w/PILT 2210 PILT 2240 Com Pilt Cert F/W Lab II 2 A PILT 2220 or concurrent w/PILT 2100 or 2200 PILT 2340 CFI Grnd School 3 F, Sp PILT 2120 PILT 2300 CFI/Airplane Lab 2 A PILT 2340 PILT 2350 CFI/Inst Fixed-Wing Lab 1 A PILT 2310 PILT 2400 CFI/Multi-Eng F/W Lab 1 A PILT 2220 and PILT 2300 PILT 2440 Mnt Flying F/W Lab 1 Su, F PILT 2050

ROTOR-WING (HELICOPTER) TRACK REQUIREMENTS:

PILT 1195 Inst Ground School 3 A PILT 1150 or PILT 1155 w/PILT 1260 or w/PILT 1250 PILT 1115 Priv Pilt R/W Cert Lab 2 A PILT 1145 PILT 1265 Inst Sim R/W Lab 1 A PILT 1315 PILT 1115 Trans R/W Inst Lab 1 A PILT 1515 PILT 1115 Inst Cert R/W Lab II 2 A w/PILT 1250

ROTOR-WING (HELICOPTER) TRACK ELECTIVES:

PILT 2100 Commercial Ground 3 A PILT 1150, PILT 1250, w/PILT 1250 PILT 2205 Com Pilt Cert R/W Lab I 2 A w/PILT 2200 or PILT 1315 and PILT 1305 PILT 2245 Com Pilt Cert R/W Lab II 2 A PILT 2205 or concurrent w/PILT 2200 or PILT 2230 PILT 2340 CFI Grnd School 3 F, Sp PILT 2120 PILT 2305 CFI / Rotor-Wing 2 A PILT 2340 PILT 2355 CFI / Inst Rotor-Wing Lab 1 A PILT 2310 PILT 2405 Turbine Transitt R/W Lab 1 A PILT 1145 PILT 2445 Mnt Ops Rotor-Wing Lab 1 Su, F PILT 2225 PILT 2455 Utility Oper Rotor-Wing Lab 1 Su, F PILT 2225

Any FAA Certification or Military training leading to certification must be reviewed by department. Private Certification or Private ground school experience may be substituted from the Major Course Requirements area after review or by any course work from any elective track within the Aviation Technology Degree.

SAMPLE SCHEDULE

<table>
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<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
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<tr>
<td>ENGL 1010</td>
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<tr>
<td>PILT 1040</td>
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2ND FALL SEMESTER

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<td>MATH 1050</td>
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TOTAL 16-17

CERTIFICATE OF COMPLETION NON-COMMERCIAL FIXED WING

(Minimum 34 credits required)

Program Description: The two-semester certificate of completion will provide students with the basic knowledge and skills needed to operate aircraft for pleasure (non-commercial) in the western United States. The program combines flight training with technical and professional courses essential for success to include flight training leading to FAA rating; Private Pilot Certificate; FAA Instrument Certificate; aircraft systems operations; effects of weather on flight; and flying in mountainous regions. Certificate requirements may be applied toward entry-level requirements for the Professional Pilot program or toward commercial rating.

GENERAL EDUCATION REQUIREMENTS (10 CREDITS)

COMMUNICATION – 3 CREDITS

See printed Catalog pp. 23-27 for options. (Students who may want to pursue an AS degree in the future should take courses that meet general education requirements for an AS)

HUMAN RELATIONS – 2-3 CREDITS

See printed Catalog pp. 23-27 for options. (Students who may want to pursue an AS degree in the future should take courses that meet general education requirements for an AS).

QUANTITATIVE STUDIES – 3-4 CREDITS

See printed Catalog pp. 23-27 for options. (Students who may want to pursue an AS degree in the future should take MATH 1030 Quantitative Reasoning (QL) 3 OR MATH 1040 Introduction to Statistics (QL) 3 OR MATH 1050 College Algebra (QL) 4 OR MATH 1090 College Algebra - Business (QL) as it will also meet the Quantitative Literacy (QL) general education requirement for an AS).

MAJOR COURSE REQUIREMENTS (26 CREDITS)

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<tr>
<td>PILT 1250</td>
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<td>PILT 2440</td>
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</table>

112 SLCC 2010-2011 GENERAL COLLEGE CATALOG
CERTIFICATE OF COMPLETION
NON-COMMERCIAL ROTOR WING

(Minimum 34 credits required)

Program Description: The two-semester certificate of completion will provide students with the basic knowledge and skills needed to operate aircraft for pleasurable (non-commercial) flight in the western United States. The program combines flight training with technical and professional courses essential for success to include flight training leading to FAA rating; Private Pilot Certificate; FAA Instrument Certificate; aircraft systems operations; effects of weather on flight; and flying in mountainous regions. Certificate requirements may be applied toward entry-level requirements for the Professional Pilot program or toward commercial rating.

GENERAL EDUCATION REQUIREMENTS (8-11 CREDITS)

COMMUNICATION – 3 CREDITS
See printed Catalog pp. 23-27 for options. (Students who may want to pursue an AS degree in the future should take courses that meet general education requirement for an AS).

HUMAN RELATIONS – 2-3 CREDITS
See printed Catalog pp. 23-27 for options. (Students who may want to pursue an AS degree in the future should take courses that meet general education requirement for an AS).

QUANTITATIVE STUDIES – 3-5 CREDITS
See pp. 23-27 for options. (Students who may want to pursue an AS degree in the future should take MATH 1030 Quantitative Reasoning (QL) or MATH 1040 Introduction to Statistics (QL) or MATH 1050 College Algebra (QL) or MATH 1090 College Algebra-Business (QL) It will also meet the Quantitative Literacy (QL) general education requirement for an AS).

MAJOR COURSE REQUIREMENTS (24 CREDITS)

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<td>F</td>
<td>None</td>
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<tr>
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<td>3</td>
<td>F</td>
<td>conc w/ PILT 1100</td>
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<tr>
<td>PILT 1153</td>
<td>3</td>
<td>F</td>
<td>conc w/ PILT 1145</td>
</tr>
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<td>PILT 1250</td>
<td>3</td>
<td>F</td>
<td>conc w/ PILT 1245, 1305 &amp; 1145</td>
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<tr>
<td>PILT 1265</td>
<td>3</td>
<td>F</td>
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<td>PILT 1270</td>
<td>3</td>
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<td>PILT 1315</td>
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<td>conc w/ PILT 1250; Note: PILT 1305 &amp; 1155 can be taken in the same semester (one after the other) - both are required for instrument rating)</td>
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PILOT 1400 Intro to ATC 3 F, Sp
PILOT 1420 Aircraft Systems 3 F, Sp
PILOT 2050 Aviation Meteorology 3 F, Sp
PILOT 2445 Mtn Flying Rtr-Wing Lab 3 Su, F PILT 1155, PILT 2050

CERTIFICATE OF COMPLETION
COMMERCIAL FIXED WING

(Minimum 37 credits required)

Program Description: The two-semester certificate of completion will provide students with the basic knowledge and skills needed to operate aircraft for commercial operations in the United States. The program combines flight training with technical and professional courses essential for success to include flight training leading to FAA rating and endorsements; Commercial Pilots – CFI, CFI/Instrument, aviation industry operations; and human factors in the flight environment. Certificate requirements may be used as credit toward entry-level requirements for Professional Pilot AS Degree or toward commercial rating.

GENERAL EDUCATION REQUIREMENTS (8-11 CREDITS)

COMMUNICATION – 3 CREDITS
See printed Catalog pp. 23-27 for options. (Students who may want to pursue an AS degree in the future should take courses that meet general education requirement for an AS).

HUMAN RELATIONS – 2-3 CREDITS
See printed Catalog pp. 23-27 for options. (Students who may want to pursue an AS degree in the future should take courses that meet general education requirement for an AS).

QUANTITATIVE STUDIES – 3-5 CREDITS
See printed Catalog pp. 23-27 for options. (Students who may want to pursue an AS degree in the future should take MATH 1030 Quantitative Reasoning (QL) or MATH 1040 Introduction to Statistics (QL) or MATH 1050 College Algebra (QL) or MATH 1090 College Algebra-Business (QL) It will also meet the Quantitative Literacy (QL) general education requirement for an AS).

MAJOR COURSE REQUIREMENTS (29 CREDITS)

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<td>PILT 1300</td>
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<td>PILT 2350</td>
<td>2</td>
<td>F</td>
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CERTIFICATE OF COMPLETION
COMMERCIAL ROTOR WING
(Minimum 39 hours required)

Program Description: The two-semester certificate of completion will provide students with the basic knowledge and skills needed to operate aircraft for commercial operations in the United States. The program combines flight training with technical and professional courses essential for success to include flight training leading to FAA rating and endorsements; Commercial Pilot, CFI, CFI/Instrument; aviation industry operations; and human factors in the flight environment. Certificate requirements may be used as credit toward entry-level requirements for Professional Pilot AS Degree or toward commercial rating.

GENERAL EDUCATION REQUIREMENTS (10 CREDITS)
COU0RE CR SEM PREREQUISITES

COMMUNICATION – 3 CREDITS
See printed Catalog pp. 23-27 for options. (Students who may want to pursue an AS degree in the future should take courses that meet general education requirement for an AS).

HUMAN RELATIONS – 2-3 CREDITS
See printed Catalog pp. 23-27 for options. (Students who may want to pursue an AS degree in the future should take courses that meet general education requirement for an AS.)

QUANTITATIVE STUDIES
See printed Catalog pp. 23-27 for options. (Students who may want to pursue an AS degree in the future should take MATH 1030 Quantitative Reasoning (QL) or MATH 1040 Introduction to Statistics (QL) or MATH 1050 College Algebra (QL) or MATH 1090 College Algebra Business (QL). It will also meet the Quantitative Literacy (QL) general education requirement for an AS.)

MAJOR COURSE REQUIREMENTS (31 CREDIT HOURS)
COURSE CR SEM PREREQUISITES
PILT 1010 3 F, Sp None
PILT 1250 3 A PILT 1250; conc w/ PILT 1265 & 1315
PILT 1265 1 A conc w/ PILT 1250
PILT 1305 1 A conc w/ PILT 1250
PILT 1315 2 A PILT 1250; conc w/ PILT 1250 (Note: PILT 1250 & 1315 can be taken in the same semester (one after the other) - both are required for instrument rating)
PILT 2050 3 F, Sp none
PILT 2100 3 A PILT 1250; conc w/ PILT 2205 & PILT 2245
PILT 2205 Com PilT Cert Rtr-Wng Lab I 2 A conc w/ PILT 2100 & 2245
PILT 2245 Com PilT Cert Rtr-Wng Lab II 2 A conc w/ PILT 2100 & 2205
PILT 2305 CFI/Rotor-Wing 2 A PILT 2245; conc w/ PILT 2340 & 2355
PILT 2310 Human Factors & Safety 3 A None
PILT 2340 CFI Ground School 3 F, Sp PILT 2105, concurrent w/ PILT 2305 & 2355
PILT 2355 CFI/Instru Rtr-Wng Lab 1 A conc w/ PILT 2305 & 2340
PILT 2405 Turbine Eng Rtr-Wng Lab 1 A PILT 1155, PILT 2050
PILT 2455 Utility Oper Rtr-Wng Lab 1 Su, F PILT 1155, PILT 2050

BACHELOR'S DEGREES
THE UNIVERSITY CENTER MAKES BACHELOR'S DEGREES AVAILABLE TO STUDENTS. PLEASE SEE THE LISTING UNDER "UNIVERSITY CENTER" PAGES 68-69.

BARBERING/ COSMETOLOGY
Estimated cost of tools and supplies, first semester $800
Estimated cost of books and supplies $150
Esthetics Kit $250
Esthetics Books $200

(801) 957-4330
General Information (801) 957-4074
Academic Advisor CT 218 (801) 957-4550
www.slcc.edu/barberingcosmetology

Assistant Professors: Debra Bertoch, Grace Birch, Susan Curtis, Rod Derrick
Instructors: Kristen Akeripa, Cathy Bagley, Lyle Ferguson, Ann Welker

THE PROGRAM
Unlimited opportunities are available for skilled hair stylists. A high degree of diversified skill is necessary for success in this field. Cosmetology emphasizes learning to design hair and enhance beauty. Study of chemicals provides knowledge related to maintaining the proper condition, color and curl of hair. Instruction also is given in basic make-up, manicuring and basic esthetics. Current and past fashion trends are supplied to provide familiarization with cycles of hair styles and designs. This creative field
can be highly individualistic. Specialization in cutting, coloring, permanent waving or trichology is possible. As a specialist, a graduate should expect post-graduate study/training in any of the above named specialties. Learning is approached on a personal basis with appropriate discussion and lectures. Theory and lab classes must be taken concurrently.

**GRADUATION AND LICENSING**

This program is designed to meet all the requirements of the state licensing board. In addition to the required courses, the program also requires 2,000 clock hours of instruction to qualify for a certificate, diploma, or degree. Successful completion of a certificate, diploma, or Associate of Applied Science degree in Barbering/Cosmetology enables graduates to take the state licensing examination. Earned clock-hours may vary each term depending upon factors such as the actual number of teaching days, holidays, snow days, student absences and tardies.

Students are encouraged to officially declare Barbering/Cosmetology as their major prior to taking college courses. College courses taken before enrolling in the barbering/cosmetology program will only count as credit hours toward graduation. College courses can earn clock-hours toward licensing only when they are taken during the time the student is officially enrolled in the barbering/cosmetology classes.

**PROGRAM AVAILABILITY**

To accommodate the needs of the community, the program is offered Monday through Thursday mornings from 7:00 a.m. to 12:00 p.m. and evenings from 5:00 p.m. to 10:00 p.m. at the Taylorsville Redwood Campus.

Additional classes required for the Certificate, Diploma or Associate of Applied Science Degree may be taken Fridays between 8:00 a.m. and 10:00 p.m.

**TAYLORSVILLE REDWOOD CAMPUS**

Students are required to register for Theory and corresponding I and II labs. (See recommended schedule). Students must register for all required courses each semester.

**REGISTRATION INFORMATION**

Interested students must register for first semester courses on a first come-first served basis. Registration in subsequent semesters is based upon successful completion of the previous term’s work.

**SKILLS USA**

Skills USA - All students enrolled in the Barbering/Cosmetology program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills. This training is included in the curriculum of this program.

**PREREQUISITES**

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

**PREPARATION NOTE**

Students who need to take preparatory classes prior to entering the program should plan on extra time to complete the program. A high school curriculum in mathematics, science and communication is highly recommended.

**CLASS AVAILABILITY**

Students should check with semester schedule or department for day/evening availability and modifications caused by varying enrollment. Acceptance by the College does not guarantee acceptance into any class or program. Please call the academic advisor for assistance at (801) 957-4550 or (801) 957-4913.

### ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN BARBERING/COSMETOLOGY

*(minimum 63 hours required)*

The Associate of Applied Science Degree can be earned by completing the course work for the Diploma and taking in addition, ENGL 1010 and a distribution elective. Please note that ENGL 1010 and the distribution elective do not earn clock hours toward licensing.

**GENERAL EDUCATION REQUIREMENTS**

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<td>ENGL 1010 Intro to Writing</td>
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<td>pre-test</td>
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**DISTRIBUTION AREAS**

Choose an additional three credit hours from one of the following distribution areas:

- Biological Science (BS) 3 4  **A**  RDG 0900 w/C or better
- Fine Arts (FA) 3  A  none
- Humanities (HU) 3  A  none
- Interdisciplinary (ID) 3  A  none
- Physical Science (PS) 3  A  none
- Social Science (SS) 3  A  none

See pp. 23-27 for options in each of these categories.

<table>
<thead>
<tr>
<th>SAMPLE SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FIRST SEMESTER</strong></td>
</tr>
<tr>
<td>BRC 1101 3</td>
</tr>
<tr>
<td>BRC 1102 3</td>
</tr>
<tr>
<td>BRC 1110 4</td>
</tr>
<tr>
<td>CTEL 1010 3</td>
</tr>
<tr>
<td>ENGL 1010 3</td>
</tr>
<tr>
<td><strong>TOTAL</strong> 16</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th><strong>THIRD SEMESTER</strong></th>
<th><strong>FOURTH SEMESTER</strong></th>
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<tbody>
<tr>
<td>BRC 2301 3</td>
<td>BRC 2401 3</td>
</tr>
<tr>
<td>BRC 2302 3</td>
<td>BRC 2302 3</td>
</tr>
<tr>
<td>BRC 2310 4</td>
<td>BRC 2410 4</td>
</tr>
<tr>
<td>BRC 2710 2</td>
<td>BRC 2860 2</td>
</tr>
<tr>
<td>BRC 1470 3</td>
<td>BRC 2870 2</td>
</tr>
<tr>
<td><strong>TOTAL</strong> 15</td>
<td><strong>TOTAL</strong> 17</td>
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</table>

### DIPLOMA/BARBERING/CTE COSMETOLOGY

*(minimum 57 hours required)*

**MAJOR COURSE REQUIREMENTS FOR ALL BARBERING/COSMETOLOGY DIPLOMA STUDENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRC 1101 Barb/Cos Orientation Lb I</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BRC 1102 Barb/Cos Orientation Lb II</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BRC 1110 Barb/Cos Orient Theory</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BRC 1201 Intro to Barb/Cos Lab I</td>
<td>3</td>
<td>A</td>
<td>BRC 1010</td>
</tr>
<tr>
<td>BRC 1202 Intro to Barb/Cos Lab II</td>
<td>3</td>
<td>A</td>
<td>BRC 1010</td>
</tr>
<tr>
<td>BRC 2301 Intern to Barb/Cos Lab I</td>
<td>3</td>
<td>A</td>
<td>BRC 1201</td>
</tr>
<tr>
<td>BRC 2302 Intern to Barb/Cos Lab II</td>
<td>3</td>
<td>A</td>
<td>BRC 1210</td>
</tr>
<tr>
<td>BRC 2310 Intern Cos/Barb Theo</td>
<td>4</td>
<td>A</td>
<td>BRC 1210</td>
</tr>
<tr>
<td>BRC 2401 Adv Cos/Barb Lab I</td>
<td>3</td>
<td>A</td>
<td>BRC 2301</td>
</tr>
<tr>
<td>BRC 2402 Adv Cos/Barb Lab II</td>
<td>3</td>
<td>A</td>
<td>BRC 2301</td>
</tr>
<tr>
<td>BRC 2410 Barb/Cos State Bd Prep</td>
<td>4</td>
<td>A</td>
<td>BRC 2310</td>
</tr>
<tr>
<td>BRC 2710 Color Principles</td>
<td>2</td>
<td>A</td>
<td>BRC 1300</td>
</tr>
<tr>
<td>BRC 2810 Salon Success</td>
<td>2</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BRC 2860 Ethnic Hair</td>
<td>2</td>
<td>F, Sp</td>
<td>BRC 2710, BRC 2810, COMM 1010, BRC 1470</td>
</tr>
<tr>
<td>BRC 2870 Adv Hair Design</td>
<td>2</td>
<td>F, Sp</td>
<td>BRC 2710, BRC 2810, COMM 1010, BRC 1470</td>
</tr>
</tbody>
</table>

SLCC 2010-2011 GENERAL COLLEGE CATALOG 115
**BIOLOGY**

COMM 1010 Intro to Comm  3 A none
CTEL 1010 Leadership & Team Bldg  3 A none
BRC 1470 Math for Barb & Cosmet  3 A none

**ELECTIVE COURSE FOR ALL BARBERING/COSMETOLOGY CERTIFICATE STUDENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRC 2990 Independent Studies</td>
<td>0-16</td>
<td>A</td>
<td>BRC 1110</td>
</tr>
<tr>
<td>EST 1101 Basic Esth Lab I</td>
<td>6</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>EST 1110 Basic Esth Theory</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>EST 1201 Basic Esth Lab II</td>
<td>6</td>
<td>A</td>
<td>EST 1101</td>
</tr>
<tr>
<td>EST 1210 Basic Esth Theory II</td>
<td>4</td>
<td>A</td>
<td>EST 1101</td>
</tr>
</tbody>
</table>

**ADDITIONAL CLOCK HOURS**

Upon Completion of required course work, students needing additional clock hours should register for EST 1101, EST 1110, EST 1201, EST 1210 or BRC 2990 Independent Studies (variable credit 1-16). The amount of credit that students should register for BRC 2990 is based upon 1 credit equal to 40 clock hours. For example, a student who has completed all the course work, but still is 120 hours short of 2,000 clock hours should register for BRC 2990 for 3 credit hours.

**RECOMMENDED FULL-TIME SCHEDULE**

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>CLK HRS</th>
<th>SECOND SEMESTER</th>
<th>CLK HRS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRC 1101</td>
<td>3 120</td>
<td>BRC 1201</td>
<td>3 120</td>
</tr>
<tr>
<td>BRC 1102</td>
<td>3 120</td>
<td>BRC 1202</td>
<td>3 120</td>
</tr>
<tr>
<td>BRC 1110</td>
<td>4 60</td>
<td>BRC 1210</td>
<td>4 60</td>
</tr>
<tr>
<td>CTEL 1010</td>
<td>3 45</td>
<td>BRC 2810</td>
<td>2 30</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td>13 345</td>
<td><strong>TOTALS</strong></td>
<td>15 375</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>THIRD SEMESTER</th>
<th>CLK HRS</th>
<th>FOURTH SEMESTER</th>
<th>CLK HRS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRC 2301</td>
<td>3 120</td>
<td>BRC 2401</td>
<td>3 120</td>
</tr>
<tr>
<td>BRC 2302</td>
<td>3 120</td>
<td>BRC 2402</td>
<td>3 120</td>
</tr>
<tr>
<td>BRC 2310</td>
<td>4 60</td>
<td>BRC 2410</td>
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<td>BRC 2710</td>
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<td>BRC 1470</td>
<td>3 45</td>
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</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td>15 345</td>
<td><strong>TOTALS</strong></td>
<td>14 345</td>
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**CERTIFICATE OF COMPLETION BARBERING/COSMETOLOGY**

(minimum 53 hours required)

**MAJOR COURSE REQUIREMENTS FOR ALL BARBERING/COSMETOLOGY CERTIFICATE STUDENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRC 1101 Barb/Cos Orientation Lab I</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BRC 1102 Barb/Cos Orientation Lab II</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BRC 1110 Barb/Cos Orient Theory</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BRC 1201 Intro to Barb/Cos Lab I</td>
<td>3</td>
<td>A</td>
<td>BRC 1101</td>
</tr>
<tr>
<td>BRC 1202 Intro to Barb/Cos Lab II</td>
<td>3</td>
<td>A</td>
<td>BRC 1102</td>
</tr>
<tr>
<td>BRC 1210 Intro to Barb/Cos Theory</td>
<td>4</td>
<td>A</td>
<td>BRC 1110</td>
</tr>
<tr>
<td>BRC 2301 Intern to Barb/Cos Lab I</td>
<td>3</td>
<td>A</td>
<td>BRC 1201</td>
</tr>
<tr>
<td>BRC 2302 Intern to Barb/Cos Lab II</td>
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<td>A</td>
<td>BRC 1202</td>
</tr>
<tr>
<td>BRC 2310 Intern Cos/Barb Theo</td>
<td>4</td>
<td>A</td>
<td>BRC 1210</td>
</tr>
<tr>
<td>BRC 2401 Adv Cos/Barb Lab I</td>
<td>3</td>
<td>A</td>
<td>BRC 2301</td>
</tr>
<tr>
<td>BRC 2402 Adv Cos/Barb Lab II</td>
<td>3</td>
<td>A</td>
<td>BRC 2302</td>
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<tr>
<td>BRC 2410 Barb/Cos State Bd Prep</td>
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<td>A</td>
<td>BRC 2310</td>
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<tr>
<td>BRC 2730 Color Principles</td>
<td>2</td>
<td>A</td>
<td>BRC 1200</td>
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<tr>
<td>BRC 2810 Salon Success</td>
<td>2</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1010 Intro to Comm</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>CTEL 1010 Ldership &amp; Teambldg (HR)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BRC 1470 Barbering/Cosm. Math (QS)</td>
<td>3</td>
<td>A</td>
<td>none</td>
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</tbody>
</table>

**ELECTIVE COURSE FOR ALL BARBERING/COSMETOLOGY CERTIFICATE STUDENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRC 2990 Independent Studies</td>
<td>0-16</td>
<td>A</td>
<td>BRC 1110</td>
</tr>
<tr>
<td>EST 1101 Basic Esth Lab I</td>
<td>6</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>EST 1110 Basic Esth Theory</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>EST 1201 Basic Esth Lab II</td>
<td>6</td>
<td>A</td>
<td>EST 1101</td>
</tr>
<tr>
<td>EST 1210 Basic Esth Theory II</td>
<td>4</td>
<td>A</td>
<td>EST 1101</td>
</tr>
</tbody>
</table>

**ADDITIONAL CLOCK HOURS**

Upon Completion of required course work, students needing additional clock hours should register for EST 1101, EST 1110, EST 1201, EST 1210 or BRC 2990 Independent Studies (variable credit 1-16). The amount of credit that students should register for BRC 2990 is based upon 1 credit equal to 40 clock hours. For example, a student who has completed all the course work, but still is 120 hours short of 2,000 clock hours should register for BRC 2990 for 3 credit hours.

**RECOMMENDED FULL-TIME SCHEDULE**

<table>
<thead>
<tr>
<th>SEMESTER</th>
<th>CLK HRS</th>
<th>SEMESTER</th>
<th>CLK HRS</th>
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<tbody>
<tr>
<td>FIRST</td>
<td>13 465</td>
<td>SECOND</td>
<td>15 495</td>
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<tr>
<td>THIRD</td>
<td>13 465</td>
<td>FOURTH</td>
<td>12 465</td>
</tr>
</tbody>
</table>

**BAIL ENFORCEMENT TRAINING**

SEE CONTINUING EDUCATION.

**BIOLOGY**

Science and Industry Building 341 (801) 957-4944
General Information (801) 957-4973
Academic Advising 510 (801) 957-4858
www.slc.edu/biology

Professors: James Hampton, Arleene Sawitzke, William Tanner
Associate Professor: Jane Rudolph, Tim Beagley
Assistant Professors: Melaney Farr, Jim Blevins, Eric Green, Mary Jane Keleher, Melissa Tillack
Instructor: Randy Moon, Kristen Taylor, Kathy Bell

**THE PROGRAM**

The Biology department offers a program leading to an associate of science degree. The required courses in this program will give a student an excellent and broad foundation on which to further his or her studies. Most of the courses in the program have required laboratory components to allow first-hand experience in the study of biology. A laboratory fee is charged for laboratory courses. Upon finishing the requirements for an A.S. degree in biology, and after acceptance into a major program, a student should be able to obtain a bachelor’s degree at a four-year institution with two additional years of study.

A full year of inorganic chemistry, organic chemistry, calculus and physics is highly recommended for any student transferring to a four-year institution.

**PREPARATION NOTE**

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program. For a student majoring in biology, Calculus I is considered the entry-level math class.

**CLASS AVAILABILITY**

The semesters during which courses are taught are listed below. Students should check the semester class schedule for day/evening availability, locations and modifications caused by varying enrollment.

**COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE**

(minimum 64 hours required)
<table>
<thead>
<tr>
<th>GENERAL EDUCATION REQUIREMENTS</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>COURSE</td>
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</tr>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>ENGL 1020 Interm Writing</td>
<td>3</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>QUANTITATIVE LITERACY</td>
<td>4</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>MATH 1210 Calculus I</td>
<td>4</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>AMERICAN INSTITUTIONS (3 CREDITS)</td>
<td>3</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 1700 Amer Civilization</td>
<td>3</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLS 1100 US Gov &amp; Politics</td>
<td>3</td>
<td>A</td>
<td></td>
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<tr>
<td>INSTITUTIONAL REQUIREMENTS</td>
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<tr>
<td>LIFECYCLE WELLNESS</td>
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</tr>
<tr>
<td>HLAC ___</td>
<td>1</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>STUDENT CHOICE (3 CREDITS)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communications, depth, or intensive course</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMPUTER LITERACY</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DISTRIBUTION AREAS</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Complete the following distribution (BS) courses:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 1610 College Biology I</td>
<td>4</td>
<td>A</td>
<td>(Placement Required)</td>
</tr>
<tr>
<td>With a grade of C or better in Math 0990</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>or equivalent CPT/ACT score AND</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a grade of C or better in RDG 0990</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>or equivalent CPT/ACT score.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W/BIOL 1615 (lab)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Also, choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fine Arts</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Interdisciplinary</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Social Science</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Physical Science area is exempted; CHEM 1210 is required for program.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>See pp. 23-27 for options in each of these categories.</td>
<td></td>
<td></td>
<td></td>
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<td>MAJOR COURSE REQUIREMENTS</td>
<td></td>
<td></td>
<td>PREREQUISITES</td>
</tr>
<tr>
<td>COURSE</td>
<td>CR</td>
<td>SEM</td>
<td></td>
</tr>
<tr>
<td>BIOL 1620 College Biology II</td>
<td>4</td>
<td>A</td>
<td>BIOL 1610/1615</td>
</tr>
<tr>
<td>(C grade or better), w/ BIOL 1625 (lab)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1210 Gen Chem I</td>
<td>4</td>
<td>F, Sp</td>
<td>CHEM 1210 (C grade or better), BIOL 1610/1615 (C grade or better), w/BIOL 1625 (lab)</td>
</tr>
<tr>
<td>CHEM 1215 Gen Chem Lab I</td>
<td>1</td>
<td>F, Sp</td>
<td>MATH 1050, w/CHM 1215</td>
</tr>
<tr>
<td>CHEM 1220 General Chem II</td>
<td>4</td>
<td>Sp, Su</td>
<td>CHEM 1210, w/CHM 1215</td>
</tr>
<tr>
<td>CHEM 1225 Gen Chem Lab II</td>
<td>1</td>
<td>Sp, Su</td>
<td>CHEM 1220, w/CHM 1225</td>
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<tr>
<td>CHEM 2310 Organic Chem I</td>
<td>4</td>
<td>F, Sp</td>
<td>CHEM 2310</td>
</tr>
<tr>
<td>CHEM 2315 Organic Chem Lab I</td>
<td>1</td>
<td>F, Sp</td>
<td>CHEM 2310</td>
</tr>
<tr>
<td>ELECTIVES (8 CREDITS)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 2020 Cell Biology</td>
<td>4</td>
<td>F, Sp</td>
<td>BIOL 1610/1615</td>
</tr>
<tr>
<td>BIOL 2060 Microbiology</td>
<td>4</td>
<td>A</td>
<td>(C grade or better), w/BIOL 2065 (lab)</td>
</tr>
<tr>
<td>BIOL 2070 Plant Biology</td>
<td>4</td>
<td>F, Sp</td>
<td>BIOL 1610/1615</td>
</tr>
<tr>
<td>BIOL 2220 Ecology</td>
<td>4</td>
<td>F, Sp</td>
<td>BIOL 1610/1615</td>
</tr>
<tr>
<td>BIOL 2310 Human Anatomy</td>
<td>4</td>
<td>A</td>
<td>(C grade or better), w/BIOL 2225 (lab)</td>
</tr>
<tr>
<td>BIOL 2350 Field Studies Bio</td>
<td>1</td>
<td>C</td>
<td>(C grade or better), w/BIOL 2125 (lab)</td>
</tr>
<tr>
<td>BIOL 2410 Human Physiology</td>
<td>4</td>
<td>A</td>
<td>BIOL 1610/1615, (C grade or better)</td>
</tr>
<tr>
<td>BIOL 2310 Organ Chem II</td>
<td>4</td>
<td>Sp, Su</td>
<td>CHEM 2310, w/CHM 2325</td>
</tr>
<tr>
<td>BIOL 2325 Organic Chem Lab II</td>
<td>1</td>
<td>Sp, Su</td>
<td>BIOL 1610/1615</td>
</tr>
<tr>
<td>BIOL 2210 Physics f/Sci &amp; Eng I</td>
<td>4</td>
<td>A</td>
<td>MATH 1210, w/PHYS 2215</td>
</tr>
<tr>
<td>BIOL 2220 Physics f/Sci &amp; Eng II</td>
<td>4</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>BIOL 2225 Physics f/Sci &amp; Eng III</td>
<td>1</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>BIOL 2080 Animal Biology</td>
<td>4</td>
<td>F, Sp</td>
<td>BIOL 1610/1615</td>
</tr>
<tr>
<td>BIOL 2080 Animal Biology</td>
<td>4</td>
<td>F, Sp</td>
<td>(C grade or better), w/BIOL 2085 (lab)</td>
</tr>
<tr>
<td>BIOL 2310 Human Anatomy</td>
<td>4</td>
<td>A</td>
<td>(C grade or better), w/BIOL 2225 (lab)</td>
</tr>
<tr>
<td>BIOL 2120 Human Anatomy</td>
<td>4</td>
<td>A</td>
<td>BIOL 1610/1615</td>
</tr>
<tr>
<td>BIOL 2350 Field Studies Bio</td>
<td>1</td>
<td>C</td>
<td>(C grade or better), w/BIOL 2125 (lab)</td>
</tr>
<tr>
<td>BIOL 2410 Human Physiology</td>
<td>4</td>
<td>A</td>
<td>BIOL 1610/1615, (C grade or better)</td>
</tr>
</tbody>
</table>

**NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information.

Students completing the AS degree at SLCC through their study of Biology are well prepared to transfer to any of the four year institutions in the Utah System of Higher Education (USHE). This program also prepares students to transfer to public institutions in other states as well as most private colleges and universities.

**DEPARTMENTAL OFFERINGS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1010 Intro to Biology</td>
<td>4</td>
<td>A</td>
<td>(Placement Required)</td>
</tr>
<tr>
<td>BIOL 1030 Intro Plant Biology</td>
<td>4</td>
<td>F, Sp</td>
<td>(Placement Required) a grade of C or better in RDG 0900 or equivalent CPT/ACT score.</td>
</tr>
<tr>
<td>BIOL 1035 Intro Animal Biology</td>
<td>4</td>
<td>F, Sp</td>
<td>(Placement Required) a grade of C or better in RDG 0900 or equivalent CPT/ACT score.</td>
</tr>
<tr>
<td>BIOL 1070 Intro to Marine Bio</td>
<td>4</td>
<td>F, Sp</td>
<td>(Placement Required) a grade of C or better in RDG 0900 or equivalent CPT/ACT score.</td>
</tr>
</tbody>
</table>

**SLCC 2010-2011 GENERAL COLLEGE CATALOG**

117
BIOL 1120 Intro Conservation Biol 3 F,Sp none (Placement Required) A grade of C or better in RDG 0990 or equivalent CPT/ACT score.

BIOL 1610 College Biology I 4 A (Placement Required) With a grade of C or better in Math 0990 or equivalent CPT/ACT score AND a grade of C or better in RDG 0990 or equivalent CPT/ACT score. W/Biol 1615 (lab)

BIOL 1617 College Bio I Workshop 1 A w/Biol 1610/1615
BIOL 1620 College Biology II 4 A w/Biol 1610/1615, w/Biol 1615 (lab)

BIOL 2000 CO-OP 2-4 A Instructor's approval
BIOL 2020 Cell Biology 4 F,Sp Biol 1610/1615 (C grade or better) w/Biol 2025 (lab)

BIOL 2030 Genetics 4 F,Sp Chem 1210 (C grade or better), Biol 1610/1615 (C grade or better), w/Biol 2035 (lab)

BIOL 2040 Microbiology 4 A Biol 1610/1615 (C grade or better), w/Biol 2045 (lab)
BIOL 2220 Ecology 4 Sp Biol 1610/1615 (C grade or better), w/Biol 2225 (lab)

BIOL 2320 Human Anatomy 4 A Biol 1610/1615 (C grade or better), w/Biol 2325 (lab)

BIOL 2327 Instr Exp In Human Anat 3 F,Sp Biol 2320 (B grade or better)

BIOL 2350 Field Studies Bio 1-3 TBA Biol 1610/1615 (C grade or better)

BIOL 2420 Human Physiology 4 A Biol 1610/1615, Biol 2425 (lab)

BIOL 2350 Field Studies Bio 1-3 TBA Biol 1610/1615 (C grade or better)

BIOL 2900 Spec Topics in Bio 1-5 TBA Defined by Instructor

BIOL 2990 Independent Studies 1-2 A Biol 1610/1615 (C grade or better)

**BIOMANUFACTURING**

**SEE BIOTECHNOLOGY**

**BIOMEDICAL EQUIPMENT TECHNOLOGY**

SEE ELECTRONICS TECHNOLOGY AAS.

**BIOTECHNOLOGY**

**THE PROGRAMS**

Biotechnology is the development, use, or manufacture of materials of biological origin to provide goods and services in a broad spectrum of applications. The industry is a growing contributor to regional and national economic output and is an important emerging industry that is expected to contribute dramatically to the 21st century economy. It is thus an excellent career choice for students. The department offers a variety of program options leading to different degree or certificate outcomes that depend on individual career goals and interests. The field is diverse and accounts for a wide range of products including traditional pharmaceuticals, biologics and biopharmaceuticals, medical devices, enzymes, genetically engineered plants and modified food, natural products extracted from botanicals, and biofuels. The growth in size and number of biotech companies in the state over the past 5-7 years has been considerable and this trend is expected to continue.

**PREREQUISITES/PREPARATORY NOTES**

It is the student’s responsibility to examine each course description for details of prerequisite classes or preparation. Those prerequisites must be satisfied before the designated class may be taken and may require extra time to complete the program. Consultation with departmental personnel is highly recommended before students enter a program of study.

**CLASS AVAILABILITY**

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

**BIOMANUFACTURING**

Jordan Health Sciences Building 254C
(801) 957-2851
www.slcc.edu/biomanufacturing
Granite Technical Institute (satellite campus) GTI 259

Academic Advisor:
S1 209 (801) 957-4858
J1 HS 047E (801) 957-4407

Instructor: Vivian Ngan-Winarud

Estimated cost of books/supplies per semester $300- depending on course of study
Lab coats $25
Lab fees per semester $30

The courses of study available in the Biomanufacturing Program provide students with training for entry- to mid-level positions at companies manufacturing biotechnological products. The program’s curriculum is driven and supported by the local biomanufacturing industry, and focuses on using innovative practical activities to deliver the hands-on experience students require for the effective mastery of concepts and skills. Classes are taught by faculty with extensive experience in the biotechnology manufacturing industry. The main biomanufacturing sectors represented in the state are companies specializing in medical devices, natural products, pharmaceuticals, and a number of contract testing and research organizations. Local companies are anticipating that their skilled workforce needs will be fulfilled by the well-trained talent produced by the Biomanufacturing Program.

**CERTIFICATE OF COMPLETION**

**CTE BIOMANUFACTURING**

(minimum 30 hours required)

The Biomanufacturing Certificate of Completion is intended to be a short but intensive training program that can be completed in two semesters. Students will be introduced to the history of biotechnology and the local biomanufacturing industry, including the typical manufacturing process and career paths; master specific skills, including effective communication and documentation, workplace safety, quality control activities, and critical thinking; demonstrate their understanding of the various aspects of quality systems and regulations governing the biomanufacturing industry; reinforce concepts and skills learned by participating as a member of team that manufactures a specified quantity of a real biotechnological product. Students desiring additional biomanufacturing training can continue with the Biomanufacturing Diploma and/or the Biomanufacturing AAS tracks.

**GENERAL EDUCATION REQUIREMENTS (16-17 CREDITS)**

**COMPOSITION (3 CREDITS)**

<table>
<thead>
<tr>
<th>COURSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1000 Intro to Writing</td>
</tr>
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</table>

**PREREQUISITES**

WRTG 0990 or placement score
COMMUNICATION (CHOOSE ONE OF THE FOLLOWING FOR 3 CREDITS)

Any Approved Communications course. See pp 23-27 for options.

HUMAN RELATIONS (CHOOSE FROM THE FOLLOWING LIST FOR 3 CREDITS)

Any Approved 3-credit Human Relations course. See pp 23-27 for options.

DISTRIBUTION AREAS (CHOOSE AN ADDITIONAL 3-4 CREDIT HOURS FROM ONE OF THE FOLLOWING DISTRIBUTION AREAS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Science</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Fine Arts (FA)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Humanities (HU)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Interdisciplinary</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Physical Science</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Social Science</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (14 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 1050</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>MkTg 1050</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BMAN 1110</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BMAN 1120</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BMAN 1150</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BMAN 1180</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

ADVISORING NOTES

Students successfully completing BMAN 1150 will receive a Certificate of Competency in Quality Systems and Regulations. This certificate recognizes their mastery of the concepts and skills in this critical and foundational core Biomanufacturing course. Certificates of Competency will be awarded for specific skill sets mastered, and can be utilized by employers to assess the skill level of an individual in both the hiring and promotional processes.

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>CM COURSE 3</td>
</tr>
<tr>
<td>MATH 1010</td>
<td>HR COURSE 3</td>
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<tr>
<td>BUS 1050</td>
<td>DIST 3-4</td>
</tr>
<tr>
<td>MKTG 1050</td>
<td>BMAN 1150 3</td>
</tr>
<tr>
<td>BMAN 1110</td>
<td>BMAN 1180 4</td>
</tr>
<tr>
<td>BMAN 1120</td>
<td>TOTAL 14</td>
</tr>
</tbody>
</table>

| DIPLOMA CTE BIOMANUFACTURING |

The Biomanufacturing Diploma is intended to be an intermediate length training program that could be completed in three semesters. In addition to the courses required for the Biomanufacturing Certificate of Completion, students will be required to acquire basic science knowledge in the areas of general biology, microbiology, chemistry, and basic molecular biology techniques that is directly relevant to all functions in a biomanufacturing environment. This additional training will give students a ‘bigger picture’ appreciation of how the core skills covered by the Biomanufacturing Certificate of Completion fit in with the production requirements and application of manufactured products. Students desiring even more biomanufacturing training can continue with the Biomanufacturing AAS track.

GENERAL EDUCATION REQUIREMENTS (16-17 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>3</td>
<td>A</td>
<td>WRTG 0990 or placement score</td>
</tr>
<tr>
<td>MATH 1010</td>
<td>4</td>
<td>A</td>
<td>MATH 0990 and RDG 0990 w/C or better or placement score</td>
</tr>
</tbody>
</table>

COMUNICATION (CHOOSE ONE OF THE FOLLOWING FOR 3 CREDITS)

Any Approved Communications course. See pp 23-27 for options.

HUMAN RELATIONS (CHOOSE FROM THE FOLLOWING LIST FOR 3 CREDITS)

Any Approved 3-credit Human Relations course. See pp 23-27 for options.

DISTRIBUTION AREAS (CHOOSE AN ADDITIONAL 3-4 CREDIT HOURS FROM ONE OF THE FOLLOWING DISTRIBUTION AREAS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Science</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Fine Arts (FA)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Humanities (HU)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Interdisciplinary</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Physical Science</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Social Science</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (21 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 1050</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>MkTg 1050</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BMAN 1110</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BMAN 1120</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BMAN 1150</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BIOL 1610</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BIOL 1615</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BIOL 2060</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BIOL 2065</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>CHEM 1110</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>CHEM 1155</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BTEC 1010</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

ADVISERING NOTES

Students successfully completing BMAN 1150 will receive a Certificate of Competency in Quality Systems and Regulations. This certificate recognizes their mastery of the concepts and skills in this critical and foundational core Biomanufacturing course. Certificates of Competency will be awarded for specific
Currently, three emphases for the Biomanufacturing AAS are available:

- Science & Technology
- Manufacturing Technology
- Lean Production & Six Sigma

The Science & Technology emphasis focuses on the current innovations driving biotechnology product research and development. This would be a good emphasis for students interested in the science and technology aspects of manufactured biotechnology products.

The Manufacturing Technology emphasis focuses on the manufacturing process. This would be a good emphasis for students interested in the mechanics and engineering aspects of biomanufacturing.

The Lean Production & Six Sigma emphasis focuses on the production philosophy that companies must adopt to minimize waste and product defects in order to maximize profit and customer satisfaction. This would be a good emphasis for students interested in the quality assurance and business management aspects of the biomanufacturing industry.

In addition to the General Education and major course requirements, the student will select the set of electives required for his/her chosen AAS emphasis.

**GENERAL EDUCATION REQUIREMENTS (16-17 CREDITS)**

### COMPOSITION (3 CREDITS)

- **ENGL 1010 Intro to Writing** 3 A WRTG 0990 or placement score

### QUANTITATIVE LITERACY (4 CREDITS)

- **MATH 1010 Interim Algebra** 4 A
  - **Prerequisites**: MATH 0990 and RDG 0990 w/Cor better or placement score

### COMMUNICATION (CHOOSE ONE OF THE FOLLOWING FOR 3 CREDITS)

- Any Approved Communications course. See pp 23-27 for options.

### HUMAN RELATIONS (CHOOSE FROM THE FOLLOWING LIST FOR 3 CREDITS)

- Any Approved 3-credit Human Relations course. See pp 23-27 for options.

### DISTRIBUTION AREAS (CHOOSE AN ADDITIONAL 3-4 CREDIT HOURS FROM ONE OF THE FOLLOWING DISTRIBUTION AREAS)

- Biological Science (BS) 3-4 A none
- Fine Arts (FA) 3-4 A none
- Humanities (HU) 3 A none
- Interdisciplinary (ID) 3-4 A none
- Physical Science (PS) 3 A none
- Social Science (SS) 3 A none

See pp. 23-27 for options in each of these categories.

### MAJOR COURSE REQUIREMENTS (38 CREDITS)

- **BUS 1050** Founder of Business 3 A none
- Or MKTG 1050 Consumerism 3 A none
- **BMAN 1110 Intro to Business** 3 F,Sp
- **BMAN 1120 Basic Bioman Skills** 1 F,Sp
- **BMAN 1150 Bioman Qual Sys & Reg** 3 F,Sp
- **BMAN 1180 Bioman Experience** 4 F,Sp
- **BIOL 1610 College Biology I (BS)** 4 A
  - **Prerequisites**: MATH and RDG 0990 w/C or better (or equivalent placement)

- **BIOL 1615 College Biology I Lab** 0 A
  - **Prerequisites**: Must be taken with BIOL 1610

- **BIOL 2060 Microbiology** 4 A
  - **Prerequisites**: BIOL 1610/1615 w/C or better

- **BIOL 2065 Microbiology Lab** 0 A
  - **Prerequisites**: Must be taken with BIOL 2060

- **CHEM 1110 Elem Chemistry** 4 A
  - **Prerequisites**: Concurrent with CHEM 1115

- **CHEM 1115 Elem Chemistry Lab I** 1 A

- **BTEC 2010 Applied Molecular Biology** 4 F,Sp
  - **Prerequisites**: BIET 1010 and BTEC 2015
  - **Conditions**: or BMAN 1120 and BIOL 1610 (C or better in all)

- **BMAM 2110 Good Manuf Practices** 3 F,Sp
  - **Prerequisites**: BMAM 1510 and BMAM 1830 or instructor’s permission

- **BMAM 2120 Verification and Validation** 2 F,Sp
  - **Prerequisites**: BMAM 1510 and BMAM 1830 or instructor’s permission

- **BMAM 2130 Measurement Fundamentals** 2 F,Sp
  - **Prerequisites**: BMAM 1510 and BMAM 1830, or instructor’s permission

### ELECTIVES FOR SCIENCE AND TECHNOLOGY EMPHASIS (11-14 CREDITS)

- **BTEC 1900 Special Topics** 2-5 F,Sp
- **ENGR 1050 Intro to Nanotechnology** 3 F,Sp

See pp. 23-27 for options in each of these categories.
BTEC 2060 Biotech Instrumentation 3 ESp BMAN 1110 and BMAN 1120, or instructor’s permission

ONE OF:
TECH 1010 Technology & the Future 3 F none
ENVT 1300 Basic Toxicology 3 F BIOL 1110, or instructor’s permission
BMAN 1130 Biogen in Society (ID) 3 TBD none

ELECTIVES FOR MANUFACTURING EMPHASIS (12 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>TECH 1040 How Things Work</td>
<td>3</td>
<td>TBD</td>
<td>none</td>
</tr>
<tr>
<td>EDDT 1040 Intro to AutoCAD</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>EDDT 2340 Manufacturing Processes</td>
<td>2</td>
<td>F</td>
<td>EDDT 1040, Must be taken with EDDT 2350 or competency</td>
</tr>
<tr>
<td>EDDT 2350 Manufactures Processes Lab</td>
<td>1</td>
<td>F</td>
<td>Must be taken with EDDT 2340</td>
</tr>
<tr>
<td>BTEC 2060 Biotech Instrumentation</td>
<td>3</td>
<td>ESp</td>
<td>BMAN 1110, BMAN 1120, or instructor’s permission</td>
</tr>
</tbody>
</table>

ELECTIVES FOR LEAN PRODUCTION AND SIX SIGMA

EMPHASIS (13 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT 2040 Business Statistics I</td>
<td>4</td>
<td>A</td>
<td>BUS 1050, MATH 1020 or FIN 1300, CIS 1020 or competency</td>
</tr>
<tr>
<td>MGT 2700 Prod &amp; Ops Management</td>
<td>3</td>
<td>F</td>
<td>MATH 1090 or MATH 1090, MGT 2040, MGT 2350, or instructor’s permission</td>
</tr>
<tr>
<td>MGT 2710 Qual Ctrl &amp; Six Sigma</td>
<td>3</td>
<td>F</td>
<td>MGT 2040, MGT 2350, or instructor’s permission</td>
</tr>
</tbody>
</table>

ONE OF:
MGT 2720 Sup Chain Des & Mgmt 3 Sp MGT 2700
MGT 2730 Lean Production 3 Sp MGT 2700, MGT 2710

ADVISORY NOTES

Students successfully completing the following courses or sets of courses will receive the specified Biomanufacturing Certificate of Competency.

- BMAN 1150: Quality Systems & Regulations
- BMAN 2110: Good Manufacturing Practices
- BMAN 2120: Verification & Validation
- BMAN 2130: Measurement Fundamentals
- BTEC 2900: Science & Technology
- BTEC 2060: Equipment Trouble Shooting
- EDDT 2340 & EDDT 2350: Manufacturing Processes
- MGT 2710: Quality Control & Six Sigma
- MGT 2720: Supply Chain Design & Management
- MGT 2730: Lean Production

These certificates recognize mastery of the concepts and skills in these critical and foundational biomanufacturing-relevant courses. Certificates of Competency can be utilized by employers to assess the skill level of an individual in both the hiring and promotional processes.

FOR SCIENCE & TECHNOLOGY EMPHASIS

<table>
<thead>
<tr>
<th>SAMPLE SCHEDULE</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALL SEMESTER</td>
<td></td>
</tr>
<tr>
<td>ENGL 1010</td>
<td>3</td>
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<tr>
<td>MATH 1010</td>
<td>4</td>
</tr>
<tr>
<td>BUS 1050</td>
<td>3</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>MKTG 1050</td>
<td>3</td>
</tr>
<tr>
<td>BMAN 1110</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 1050</td>
<td>3</td>
</tr>
<tr>
<td>TOTAL</td>
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<table>
<thead>
<tr>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIST 3-4</td>
</tr>
<tr>
<td>HR COURSE 3</td>
</tr>
<tr>
<td>CHEM 1110</td>
</tr>
<tr>
<td>MKTG 1115</td>
</tr>
<tr>
<td>BMAN 1180</td>
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<tr>
<td>TOTAL 18-19</td>
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FOR MANUFACTURING TECHNOLOGY EMPHASIS

<table>
<thead>
<tr>
<th>SAMPLE SCHEDULE</th>
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</tr>
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<tbody>
<tr>
<td>FALL SEMESTER</td>
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</tr>
<tr>
<td>ENGL 1010</td>
<td>3</td>
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<tr>
<td>MATH 1010</td>
<td>4</td>
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<tr>
<td>BUS 1050</td>
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<tr>
<td>OR</td>
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<tr>
<td>MKTG 1050</td>
<td>3</td>
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<tr>
<td>BMAN 1110</td>
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<tr>
<td>BMAN 1120</td>
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<tr>
<td>DIST 3-4</td>
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<td>TOTAL 17</td>
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<tbody>
<tr>
<td>CM COURSE 3</td>
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<td>CHEM 1115</td>
</tr>
<tr>
<td>RM COURSE 3</td>
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<td>TOTAL 17</td>
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FOR LEAN PRODUCTION & SIX SIGMA EMPHASIS

<table>
<thead>
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<tbody>
<tr>
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<td></td>
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<tr>
<td>ENGL 1010</td>
<td>3</td>
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<td>MATH 1010</td>
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<td>BUS 1050</td>
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</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>MKTG 1050</td>
<td>3</td>
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<tr>
<td>DIST 3-4</td>
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<tr>
<td>TOTAL 17</td>
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<table>
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<tr>
<th>SPRING SEMESTER</th>
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<tbody>
<tr>
<td>CM COURSE 3</td>
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<td>CHEM 1115</td>
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<tr>
<td>RM COURSE 3</td>
</tr>
<tr>
<td>TOTAL 15</td>
</tr>
</tbody>
</table>

BIOTECHNOLOGY

Jordan Health Sciences Building 554C
(801) 957-2851
www.slcc.edu/biotech

Academic Advisor:
SL 209 (801) 957-4858
JHS 047E (801) 957-4407

Assistant Professors: Charles Retterberg, Jean Bower

The Biotechnology course of study provides students with training that prepares them for entry- to mid- level positions in research oriented environments. The program's curriculum is driven and supported by the local Biotechnology industry, and focuses on using innovative practical activities to deliver the hands-on experience students require for the effective mastery of concepts and skills. Classes are taught by faculty with extensive experience in research settings. Students may choose one of two degree paths depending on individual goals and expectations.
BIOTECHNOLOGY

ASSOCIATE OF SCIENCE (A.S.) DEGREE
The degree includes a full complement of general education and skills-based biotechnology courses. The program provides students with a broad foundation upon which to continue their studies in the sciences. The A.S. degree is primarily designed to transfer to Utah Valley University’s (UVU) baccalaureate program in Biotechnology. Students may choose to take upper division classes at UVU’s home campus in Orem, Utah, or they may choose to take upper division coursework as evening classes at the SLCC Jordan Campus. Students should note that other lower division coursework beyond what is listed in the A.S. degree will be required to complete the baccalaureate program in Biotechnology at UVU. See the SLCC Biotechnology homepage or the SLCC University Center homepage for the most current transfer information:
www.slcc.edu/biotech

ASSOCIATE OF APPLIED SCIENCE (A.A.S.) DEGREE
This degree requires students to acquire comprehensive skills and knowledge relative to a wide range of biotechnology activities. Students completing the A.A.S. degree will be well positioned for entry to mid-level employment in a life science laboratory. Many of the courses obtained through the AAS degree can be transferred to Utah Valley University’s baccalaureate degree in Biotechnology should students wish to continue their studies at a higher level. See the advising notes below for more information.

ASSOCIATE OF SCIENCE (A.S.) TRANSFER DEGREE IN BIOTECHNOLOGY
(minimum 60 credit hours required)

GENERAL EDUCATION REQUIREMENTS (33 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ENGL 1010 Introduction to Writing</td>
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<td>none</td>
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<tr>
<td>ENGL 2010 Intermediate Writing</td>
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COMPOSITION (6 CREDITS)

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<tbody>
<tr>
<td>ENGL 1010 College Algebra</td>
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<td>A</td>
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AMERICAN INSTITUTIONS (CHOOSE ANY ONE OF THE FOLLOWING FOR 3 CREDITS)

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<thead>
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<th>PREREQUISITES</th>
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<tbody>
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<td>ECON 1740</td>
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<td>A</td>
<td>RDG 0960 w/C or better</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
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<tr>
<td>HIST 1700</td>
<td>3</td>
<td>A</td>
<td>RDG 0960 w/C or better</td>
</tr>
<tr>
<td>OR</td>
<td></td>
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<tr>
<td>POLS 1100</td>
<td>3</td>
<td>A</td>
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LIFELONG WELLNESS (CHOOSE AN HLAC COURSE FOR 1 CREDIT)

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ELECTIVES (CHOOSE ONE OF THE FOLLOWING ELECTIVES FOR 2-4 CREDITS)

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<td>BIOL 2065 Microbiology Lab</td>
<td>0</td>
<td>A</td>
<td>CHEM 1210 w/C or better</td>
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<tr>
<td>CHEM 2310 Organic Chemistry I</td>
<td>4</td>
<td>F/Sp</td>
<td>CHEM 1210 w/C or better</td>
</tr>
<tr>
<td>CHEM 2320 Organic Chemistry II</td>
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<td>Sp/Su</td>
<td>CHEM 1210 w/C or better</td>
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<tr>
<td>CHEM 2325 Organic Chemistry II Lab</td>
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<td>Sp/Su</td>
<td>CHEM 1210 w/C or better</td>
</tr>
<tr>
<td>CHEM 2335 Organic Chemistry III</td>
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<td>Sp/Su</td>
<td>CHEM 1210 w/C or better</td>
</tr>
<tr>
<td>PHYS 2030 College Physics I</td>
<td>4</td>
<td>A</td>
<td>CHEM 1210 w/C or better</td>
</tr>
<tr>
<td>PHYS 2035 College Physics Lab I</td>
<td>1</td>
<td>A</td>
<td>CHEM 1210 w/C or better</td>
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TRANSFER RECOMMENDATIONS
Upper division courses may be taken at the SLCC Jordan Campus with Utah Valley University at any time that the prerequisites for those courses have been satisfied. However, students should note that other lower division classes, beyond those listed in the Biotechnology A.S. degree, are required for the Bachelor of Science degree at Utah Valley University and can be taken at SLCC.

The following list indicates the additional courses required at the lower division level to earn a Bachelor’s of Science degree from UVU:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>BIOL 2060 Microbiology</td>
<td>4</td>
<td>A</td>
<td>CHEM 1210 w/C or better</td>
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<tr>
<td>CHEM 2310 Organic Chemistry I</td>
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<td>F/Sp</td>
<td>CHEM 1210 w/C or better</td>
</tr>
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<td>CHEM 2320 Organic Chemistry II</td>
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<td>Sp/Su</td>
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<tr>
<td>CHEM 2325 Organic Chemistry II Lab</td>
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<td>Sp/Su</td>
<td>CHEM 1210 w/C or better</td>
</tr>
<tr>
<td>CHEM 2335 Organic Chemistry III</td>
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<td>Sp/Su</td>
<td>CHEM 1210 w/C or better</td>
</tr>
<tr>
<td>PHYS 2030 College Physics I</td>
<td>4</td>
<td>A</td>
<td>CHEM 1210 w/C or better</td>
</tr>
<tr>
<td>PHYS 2035 College Physics Lab I</td>
<td>1</td>
<td>A</td>
<td>CHEM 1210 w/C or better</td>
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</table>
PHYS 2020 College Physics II  4 A  PHYS 2010, with PHYS 2025
PHYS 2025 College Physics Lab II  1 A  With PHYS 2020

Contact the University Center for updated information.

www.slcc.edu/universitycenter/programs

*T& 4-5-12

ASSOCIATE OF APPLIED SCIENCE (AAS) DEGREE IN BIOTECHNOLOGY
(minimum 64 credit hours required)

GENERAL EDUCATION REQUIREMENTS (15-16 CREDITS)

<table>
<thead>
<tr>
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<th>PREREQUISITES</th>
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<tr>
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<tr>
<td>ENGL 1010 Introduction to Writing</td>
<td>3</td>
<td>A</td>
<td>WRTG 0990 or placement score</td>
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<tr>
<td>QUANTITATIVE LITERACY (4 CREDITS)</td>
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<td>Math 0990 and RDG 0990 w/C or better or placement score</td>
</tr>
<tr>
<td>MATH 1010 Intermediate Algebra</td>
<td>4</td>
<td>A</td>
<td></td>
</tr>
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</table>

COMMUNICATION (CHOOSE ONE OF THE FOLLOWING FOR 3 CREDITS)
Any Approved Communications course. See pp 23-27 for options.

HUMAN RELATIONS (CHOOSE ONE OF THE FOLLOWING FOR 2.3 CREDITS)
Any Approved 3-credit Human Relations course. See pp 23-27 for options.

DISTRIBUTION AREAS (CHOOSE AN ADDITIONAL COURSE FROM ONE OF THE FOLLOWING DISTRIBUTION AREAS FOR 3 CREDITS)

<table>
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<tr>
<td>Fine Arts (FA)</td>
<td>3</td>
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<tr>
<td>Humanities (HU)</td>
<td>3</td>
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<td>none</td>
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<tr>
<td>Interdisciplinary (ID)</td>
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<tr>
<td>Physical Science (PS)</td>
<td>3</td>
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<tr>
<td>Social Science (SS)</td>
<td>3</td>
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See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (49 CREDITS)

<table>
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<tbody>
<tr>
<td>BTEC 1010 Intro to Biotechnology</td>
<td>3</td>
<td>F/Sp</td>
<td>MATH and RDG 0990 w/C or better or equivalent placement</td>
</tr>
<tr>
<td>BTEC 1015 Intro to Biotechnology Lab</td>
<td>1</td>
<td>F/Sp</td>
<td>MATH and RDG 0990 w/C or better or equivalent placement</td>
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BIOTECHNOLOGY

<table>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>BTEC 1030 Biotechnology Seminar</td>
<td>2</td>
<td>Sp</td>
<td>BTEC 1010 and BTEC 1015 w/C or better or both</td>
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<tr>
<td>BTEC 1060 Nuc Acid Prot Bchm</td>
<td>2</td>
<td>Sp</td>
<td>BTEC 1010 and BIOL 1610 or BTEC 1010 and BTEC 1015 w/C or better or both</td>
</tr>
<tr>
<td>BTEC 1080 Biotechnology Experience</td>
<td>3</td>
<td>A</td>
<td>BTEC 1010 and BTEC 1015 w/C or better or both</td>
</tr>
<tr>
<td>BTEC 2010 Applied Molecular Biology</td>
<td>3</td>
<td>F/Sp</td>
<td>BTEC 2010 w/C or better</td>
</tr>
<tr>
<td>BTEC 2020 Biomolec Sep and Analysis</td>
<td>3</td>
<td>F</td>
<td>BTEC 2010 w/C or better</td>
</tr>
<tr>
<td>BTEC 2030 Cell Culture</td>
<td>2</td>
<td>F/Sp</td>
<td>BTEC 2010 w/C or better</td>
</tr>
<tr>
<td>BTEC 2040 Adv Molecular Methods</td>
<td>3</td>
<td>Sp</td>
<td>BTEC 2010 w/C or better</td>
</tr>
<tr>
<td>BTEC 2050 Bioinformatics</td>
<td>2</td>
<td>F</td>
<td>BTEC 2010</td>
</tr>
<tr>
<td>BTEC 2100 Biotechnology Research</td>
<td>4</td>
<td>A</td>
<td>BTEC 1010 and MATH and RDG 0990 w/C or better or equivalent placement</td>
</tr>
<tr>
<td>BIOL 1610 Col Bio I (BS) + Lab (1612)</td>
<td>4</td>
<td>A</td>
<td>BIOL 1610/1615 w/C or better</td>
</tr>
<tr>
<td>BIOL 2020 Cell Biology + Lab (2025)</td>
<td>4</td>
<td>F/Sp</td>
<td>BIOL 1610/1615 and Chem 1210 w/C or better</td>
</tr>
<tr>
<td>BIOL 2030 Genetics + Lab (2035)</td>
<td>4</td>
<td>F/Sp</td>
<td>BIOL 1610/1615 and Chem 1210 w/C or better</td>
</tr>
<tr>
<td>BIOL 2060 Microbiology + Lab (2065)</td>
<td>4</td>
<td>A</td>
<td>BIOL 1610/1615 w/C or better</td>
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<tr>
<td>CHEM 1110 Elem Chem</td>
<td>4</td>
<td>A</td>
<td>MATH 1010 or equivalent</td>
</tr>
<tr>
<td>CHEM 1115 Elem Chem Lab</td>
<td>1</td>
<td>A</td>
<td>Concurrent with CHEM 1110</td>
</tr>
</tbody>
</table>

ADVISING NOTES

Students considering the possibility of transferring to a Bachelor's degree program at a future date should strongly consider the following course options:

- Chem 1210/1315 since this course will transfer.
- COMM 1010 or COMM 1020 for the Communications elective since either class will satisfy the Student Choice elective as an Intensive course.
- LE 1120 for the Human Relations elective since this class will also satisfy the Social Science Distribution requirement of General Education electives.
- BMAN 1110 is a recommended course that is highly pertinent to Biotechnology work skills and satisfies the Interdisciplinary (ID) category of General Education.

SAMPLE SCHEDULE

<table>
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<th>COURSE</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>BTEC 1010 Bioinformatics</td>
<td>4</td>
<td>A</td>
<td>BTEC 1010 and MATH and RDG 0990 w/C or better or equivalent placement</td>
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<tr>
<td>BTEC 1015 Intro to Biotechnology</td>
<td>3</td>
<td>F/Sp</td>
<td>BTEC 1010 and BTEC 1015 w/C or better or both</td>
</tr>
<tr>
<td>BTEC 2010 Applied Molecular Biology</td>
<td>3</td>
<td>F/Sp</td>
<td>BTEC 2010 w/C or better</td>
</tr>
<tr>
<td>BTEC 2020 Biomolec Sep and Analysis</td>
<td>3</td>
<td>F</td>
<td>BTEC 2010 w/C or better</td>
</tr>
<tr>
<td>BTEC 2030 Cell Culture</td>
<td>2</td>
<td>F/Sp</td>
<td>BTEC 2010 w/C or better</td>
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<tr>
<td>BTEC 2040 Adv Molecular Methods</td>
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<td>Sp</td>
<td>BTEC 2010 w/C or better</td>
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<tr>
<td>BTEC 2050 Bioinformatics</td>
<td>2</td>
<td>F</td>
<td>BTEC 2010</td>
</tr>
<tr>
<td>BTEC 2100 Biotechnology Research</td>
<td>4</td>
<td>A</td>
<td>BTEC 1010 and MATH and RDG 0990 w/C or better or equivalent placement</td>
</tr>
<tr>
<td>BIOL 1610 Col Bio I (BS) + Lab (1612)</td>
<td>4</td>
<td>A</td>
<td>BIOL 1610/1615 w/C or better</td>
</tr>
<tr>
<td>BIOL 2020 Cell Biology + Lab (2025)</td>
<td>4</td>
<td>F/Sp</td>
<td>BIOL 1610/1615 and Chem 1210 w/C or better</td>
</tr>
<tr>
<td>BIOL 2030 Genetics + Lab (2035)</td>
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<td>BIOL 1610/1615 and Chem 1210 w/C or better</td>
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<tr>
<td>BIOL 2060 Microbiology + Lab (2065)</td>
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<td>A</td>
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<tr>
<td>CHEM 1110 Elem Chem</td>
<td>4</td>
<td>A</td>
<td>MATH 1010 or equivalent</td>
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<tr>
<td>CHEM 1115 Elem Chem Lab</td>
<td>1</td>
<td>A</td>
<td>Concurrent with CHEM 1110</td>
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BIOTECHNOLOGY

<table>
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<th>COURSE</th>
<th>CR</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>BTEC 1010 Intro to Biotechnology</td>
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<td>F/Sp</td>
<td>MATH and RDG 0990 w/C or better or equivalent placement</td>
</tr>
<tr>
<td>BTEC 1015 Intro to Biotechnology Lab</td>
<td>1</td>
<td>F/Sp</td>
<td>MATH and RDG 0990 w/C or better or equivalent placement</td>
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</tbody>
</table>

BRICK MASON TECHNOLOGY

APPRENTICESHIP

SEE APPRENTICESHIPS SECTION.
The program
Building Construction/Construction Management offers a variety of degree options. The AAS degree provides theoretical and hands-on training in concrete, framing carpentry, finish carpentry, cabinetwork, and construction management. This program has been tailored to give students a range of options as well as to meet the needs of industry.

Many students considering these degrees have had previous construction experience. Prior work experience can be evaluated and students may receive credit for some courses. Interested students should contact Building Construction/Construction Management faculty for additional information.

Associate of Science Degree
An Associate Degree can be earned by fulfilling the requirements which have been articulated with the Weber State University baccalaureate degree in Construction Management.

Associate of Applied Science
This degree requires students to acquire comprehensive knowledge and skills relative to a wide range of construction activities. Students will receive actual hands-on experience in erecting footings and foundations, framing carpentry, finish carpentry, cabinetwork, and construction management. Workplace skills such as human relations, oral communications, critical thinking, teamwork, and written communications are also addressed. Site work is also included.

Skills USA
Skills USA - All students enrolled in the building construction/construction management program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills. This training is included in the curriculum of this program.

Prerequisites
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. All courses must be completed with a C or better grade in prerequisite classes to continue in the program.

Elective Option
Cooperative education is the College’s program for recognizing and rewarding new learning associated with study-related employment in a business, industrial or government work environment. Credit earned is applied toward graduation requirements as an elective credit. Contact the cooperative education department at (801) 957-4014.

Class Availability
The semesters in which courses are taught are listed below. Students should check the semester class schedule for the day/evening availability and modifications caused by varying enrollment.

Completing the listed requirements below results in receiving an Associate of Science Transfer Degree (minimum 64 hours required)

These requirements are designed to transfer to Weber State University’s BS degree in Construction Management offered through the University at SLCC. In addition to required courses within the AS degree, students may take additional SLCC courses that apply to technical, business and math/science elective requirements for a bachelor’s at Weber (see Transfer Recommendations).

General Education Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>CR</th>
<th>SEM</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
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<td>ENGL 1010 w/C or better</td>
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<td>OR</td>
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<tr>
<td>ENGL 2100 Technical Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
<tr>
<td>Quantitative Literacy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 1080 Trigonometry</td>
<td>3</td>
<td>A</td>
<td>MATH 1050 w/C or better</td>
</tr>
<tr>
<td>American Institutions (Choose One)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 1740 Econ History of the US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 1700 American Civ</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLS 1100 US Gov and Politics</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
</tbody>
</table>

Institutional Requirements

<table>
<thead>
<tr>
<th>LifeLong Wellness</th>
<th>1</th>
<th>A</th>
<th>none</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Choice (3 Credits)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMM 1010 Intro to Comm</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMM 1020 Public Speaking</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

Computer Literacy

DISTRIBUTION AREAS
Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

| Biological Science (BS) | 3  | 4  | A   | RDG 0990 w/C or better |
| Fine Arts (FA)          | 3  | A   | none |
| Humanities (HU)         | 3  | A   | none |
| Interdisciplinary (ID)  | 3  | A   | none |
| Social Science (SS)     | 3  | A   | none |

Physical Science distribution area is exempted; PHYS 2010 is required for the program and Weber State University.

See pp. 23-27 for options in each of these categories.

Major Course Requirements (33 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>CR</th>
<th>SEM</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 2060 Const Docm Fund</td>
<td>3</td>
<td>F</td>
<td>ARCH 1010 or instructor’s approval</td>
</tr>
<tr>
<td>PHYS 2010 College Physics I</td>
<td>4</td>
<td>A</td>
<td>MATH 1060, w/PHYS 2015</td>
</tr>
<tr>
<td>PHYS 2015 Physics Lab I</td>
<td>1</td>
<td>A</td>
<td>w/PHYS 2010</td>
</tr>
<tr>
<td>BCCM 1010 Bldg Const Theory</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>BCCM 1150 Blueprint Reading</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>BCCM 2050 Concrete Theory</td>
<td>3</td>
<td>F, Sp</td>
<td>BCCM 1010 or ARCH 1210</td>
</tr>
<tr>
<td>BCCM 2200 Const Office Mgmt</td>
<td>3</td>
<td>A</td>
<td>All BCCM 1000 courses, except 1010, or equivalent experience.</td>
</tr>
</tbody>
</table>
ELECTIVES

Students may select electives (listed below) designed to meet Weber State University requirements for the bachelor’s degree in Construction Management Technology from the Transfer Recommendations (below).

TRANSFER RECOMMENDATIONS

These lower division classes, beyond the AS degree, are required for the BS degree at Weber State University and can be taken at SLCC. Contact the University Center for Updates at (801) 957-4734.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2010 Survey Fin</td>
<td>3</td>
<td></td>
<td>none</td>
</tr>
<tr>
<td>ARCH 2210 Commercial</td>
<td>5</td>
<td></td>
<td>ARCH 1210 or BCCM 1010</td>
</tr>
<tr>
<td>ECON 2010 Microeconomics</td>
<td>3</td>
<td></td>
<td>none</td>
</tr>
<tr>
<td>ECON 2020 Macroeconomics</td>
<td>3</td>
<td></td>
<td>none</td>
</tr>
<tr>
<td>GEO 1110 Physical Geology</td>
<td>3</td>
<td>F</td>
<td>w/GEO 1115</td>
</tr>
<tr>
<td>GEO 1060 Environmental Geology</td>
<td>3</td>
<td>Sp</td>
<td>w/GEO 1065</td>
</tr>
<tr>
<td>MGT 2050 Legal Env Bus</td>
<td>3</td>
<td>A</td>
<td>BUS 1050</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1ST FALL SEMESTER</th>
<th>1ST SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCCM 1010</td>
<td>BCCM 2050</td>
</tr>
<tr>
<td>BCCM 1150</td>
<td>ENGL 2010</td>
</tr>
<tr>
<td>ENGL 1010</td>
<td>MATH 1060</td>
</tr>
<tr>
<td>HLAC 1110</td>
<td>DISTRIBUTION</td>
</tr>
<tr>
<td>AMERICAN INST 1100</td>
<td>SVT 1030</td>
</tr>
<tr>
<td>TOTAL 16</td>
<td>TOTAL 15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 2060</td>
<td>BCCM 2210</td>
</tr>
<tr>
<td>BCCM 2200</td>
<td>ENGL 2100</td>
</tr>
<tr>
<td>BCCM 2470</td>
<td>DISTRIBUTION</td>
</tr>
<tr>
<td>PHYS 2010</td>
<td>TOTAL 17</td>
</tr>
<tr>
<td>PHYS 2015</td>
<td></td>
</tr>
<tr>
<td>STUDENT CHOICE</td>
<td></td>
</tr>
<tr>
<td>TOTAL 16</td>
<td></td>
</tr>
</tbody>
</table>

*NOTE: Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.ushebr.edu/hel02a.html.

ASSOCIATE OF APPLIED SCIENCE CTE IN BUILDING CONSTRUCTION/CONSTRUCTION MANAGEMENT

(minimum 63 credits required)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>CPT placement</td>
</tr>
<tr>
<td>Any Communication (CM)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Any Human Relations (HR)</td>
<td>2-3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Distribution Elective</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

See pp. 23-27 for options in each of these categories.

<table>
<thead>
<tr>
<th>DISTRIBUTION AREAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choose an additional three credits from one of the following distribution areas:</td>
</tr>
<tr>
<td>Biological Science (BS)</td>
</tr>
<tr>
<td>Fine Arts (FA)</td>
</tr>
<tr>
<td>Humanities (HU)</td>
</tr>
<tr>
<td>Interdisciplinary (IID)</td>
</tr>
</tbody>
</table>

Physical Science (PS)                           | 3  | A   | none                        |
Social Science (SS)                              | 3  | A   | none                        |

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCCM 1030 Const. Safety</td>
<td>2</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>BCCM 1045 Bbg Struct Const</td>
<td>4</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>BCCM 1110 Construction Math</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BCCM 1145 Bbg Interior Finishes</td>
<td>4</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>BCCM 1150 Blueprint Reading</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BCCM 1245 Bbg Cabinetmaking</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BCCM 2045 Adv Structural Const</td>
<td>4</td>
<td>F, Sp</td>
<td>BCCM 1045</td>
</tr>
<tr>
<td>BCCM 2145 Adv Interior Finishes</td>
<td>4</td>
<td>F, Sp</td>
<td>BCCM 1145</td>
</tr>
<tr>
<td>BCCM 2200 Const Office Manage</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ELECTIVES (CHOOSE A MINIMUM OF 3 CREDITS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCCM 1030 Bldg. Const Theory</td>
</tr>
<tr>
<td>BCCM 1200 Personal Projects</td>
</tr>
<tr>
<td>SVT 1010 Intro to Surveying</td>
</tr>
</tbody>
</table>

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>1ST FALL SEMESTER</th>
<th>1ST SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCCM 1030</td>
<td>BCCM 1110</td>
</tr>
<tr>
<td>BCCM 1045</td>
<td>BCCM 1150</td>
</tr>
<tr>
<td>BCCM 1145</td>
<td>BCCM 2045</td>
</tr>
<tr>
<td>Arch 2010</td>
<td>Arch 2050</td>
</tr>
<tr>
<td>Bccm 2210</td>
<td>Bccm 2200</td>
</tr>
<tr>
<td>Bccm 2470</td>
<td>Bccm 2470</td>
</tr>
<tr>
<td>Phys 2010</td>
<td>Phys 2010</td>
</tr>
<tr>
<td>Phys 2015</td>
<td>Phys 2015</td>
</tr>
<tr>
<td>Student Choice</td>
<td>Student Choice</td>
</tr>
<tr>
<td>TOTAL 13</td>
<td>TOTAL 13</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bccm 1030</td>
<td>Bccm 1145</td>
</tr>
<tr>
<td>Bccm 1045</td>
<td>Bccm 1150</td>
</tr>
<tr>
<td>Bccm 1200</td>
<td>Bccm 2045</td>
</tr>
<tr>
<td>Arch 2010</td>
<td>Arch 2050</td>
</tr>
<tr>
<td>Bccm 2210</td>
<td>Bccm 2200</td>
</tr>
<tr>
<td>Bccm 2235</td>
<td>Bccm 2235</td>
</tr>
<tr>
<td>Eng 1010</td>
<td>Eng 2010</td>
</tr>
<tr>
<td>Dist Elect</td>
<td>Dist Elect</td>
</tr>
<tr>
<td>Sv 1030</td>
<td>Sv 1030</td>
</tr>
<tr>
<td>TOTAL 17</td>
<td>TOTAL 16</td>
</tr>
</tbody>
</table>

BUILDING CONSTRUCTION/CONSTRUCTION MANAGEMENT CTE CABINETMAKING CERTIFICATE

(minimum 25 credits required)

Estimated Cost for Students: $700-$1000 depending on personal choice of projects to complete.

Division Office - (801) 957-4346
Academic Advisor - (801) 957-4550, CT 318
BCCM Department - (801) 957-4587

PROGRAM DESCRIPTION

Introductory training into the cabinetmaking and furniture making professions. It is intended that a student will be able to complete this certificate within one year. An understanding of basic cabinetmaking and furniture making techniques and experience in using equipment, hand tools, and constructing and finishing a complete kitchen and other personal choices of projects. A competent knowledge of joinery, materials, techniques, and wood characteristics should be gained.

Career Opportunities upon Completion of Program. Entry Level Cabinetmaking or Furniture Making jobs with rapid advancement and Advanced Level Cabinetmaking and Furniture Making jobs.

SLCC 2010-2011 GENERAL COLLEGE CATALOG 125
MAJOR COURSE REQUIREMENTS AND ELECTIVES

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 1310 Intro to AutoCAD</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDDT 1040 Intro to AutoCAD</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BCCM 1100 Construction Math</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BCCM 1225 Intro to Woodwork</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BCCM 1245 Beginning Cabinetmaking</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BCCM 1310 Technology</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>BCCM 2235 Advanced Cabinetmaking</td>
<td>4</td>
<td>A</td>
<td>BCCM 1245</td>
</tr>
<tr>
<td>BCCM 2435 Intro to Woodwork/Design</td>
<td>4</td>
<td>A</td>
<td>BCCM 1225</td>
</tr>
</tbody>
</table>

RECOMMENDED SEQUENCING OF COURSES

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCCM 1225</td>
<td>BCCM 1100</td>
</tr>
<tr>
<td>BCCM 1245</td>
<td>BCCM 2435</td>
</tr>
<tr>
<td>BCCM 2325</td>
<td>Arch 1310</td>
</tr>
<tr>
<td>TOTAL 12</td>
<td>OR EDDT 1040</td>
</tr>
<tr>
<td></td>
<td>TOTAL 13</td>
</tr>
</tbody>
</table>

BUSINESS

Business Building 105 (801) 957-4325
General Information (801) 957-4073
Academic Advisor BB 132A (801) 957-4300
www.slcc.edu/businessmanagement

Faculty

Faculty members represent the following areas: accounting, business communications, business management, computer information systems, economics, finance, and marketing.

THE PROGRAM

Business Associate of Arts and Business Associate of Science degrees are designed as transfer degrees to business schools at four-year institutions within the Utah System of Higher Education. The Associate of Arts degree requires the study of a foreign language. Initial transfer information can be obtained through the Academic Advisor, Taylorsville Redwood Campus, Business Building, room 132A.

Requirements at four-year colleges and universities are subject to change; ongoing planning is essential. Students interested in degrees designed for business employment should review the Certificate and Associate of Applied Science degrees.

General Education and majors courses provide training in oral and written communication and human relations skills. BUS 1050 - Foundations of Business, is taught through group and team activities to develop the students’ interactive skills and to build human values and ethics.

All associate degree business programs at SLCC are accredited by the Association of Collegiate Business Schools and Programs (ACBSP). Accreditation represents the achievement of meeting high national standards established for associate degree granting business programs and facilitates transfer of credits to four-year universities and colleges.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program. Any class in the preparatory skills may be waived if students can demonstrate equivalent skills.

PREREQUISITES

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

COMPUTER PROFICIENCY

CIS 1020 and CIS 2010 are the required computer proficiency courses for business schools at Utah four-year colleges and universities. They require a grade of B or better. Students have the option to pass the Challenge Exam for CIS 1020. It is required to pass each section of the test with the correct answer score of 80% or higher. Once the exam is passed, a P is posted to the transcript and the credit is awarded. This P is acceptable at all Utah four-year colleges and universities. CIS 1020 is a prerequisite for CIS 2010. Students who wish to challenge the exam for CIS 2010 are advised to review the information at www.slcc.edu/CIS

ELECTIVE OPTIONS

These are based on requirements of intended institution of transfer. Contact the business academic advisor.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

TRANSFER INFORMATION

(SUBJECT TO CHANGE BY FOUR-YEAR COLLEGES AND UNIVERSITIES.)

Course articulation agreements exist with Brigham Young University, Southern Utah University, University of Utah, Utah State University, Utah Valley University, Weber State University and Westminster College. Agreements are available in Business Building, room 132, or Student Center room 240 in the Transfer Center files or with academic advisors at other campuses. Transfer planning is essential, please see academic advisor. Advisors are available in Business Building, room BB 132-A, or Student Center room 240, or advising at other campuses. Students who will major in accounting should consider completing the accounting courses just prior to transfer so they are ready for the junior level accounting requirements.

BRIGHAM YOUNG UNIVERSITY

PRE-ACCOUNTING MAJORS

Accounting at BYU is a limited enrollment, competitive admission major, accepting students for fall only. Acct 2010 and ACCT 2020 must have a minimum grade of ‘B’ or better. These two courses are graded discounted 3 (A to A-). BYU’s MCOM 320 and I SYS 201 must be completed prior to the accounting school application deadline. Transfer students can increase their acceptance possibilities by taking BYU’s ACC 210. These courses may be completed at the BYU-SL Center. Repeating courses for purposes of admissions is strongly discouraged and will be discounted one full grade (A- to B-). The minimum GPA to apply is 3.0, but the typical GPA for admissions to accounting is a 3.8-3.9. Rolling admissions begins Nov. 1 of the preceding year. (Rolling admissions means that the accounting committee sets a very high acceptance standard and any students who meets that acceptance standard is accepted prior to the final application deadline. All other applying students are placed in the standard ranking list and acceptance is determined under usual acceptance).

PRE-INFORMATION SYSTEMS MAJORS

Information Systems at BYU is a limited enrollment, competitive admission major, accepting students for fall only. CIS 1020 must be completed with a grade of ‘B’ or better. ACCT 2010 is grade discounted 3 (A to A-). Repeated courses are discounted one full grade (A- to B-). BYU’s I SYS 201, 202 and MCOM 320 must be completed prior to the information systems application deadline. These courses can be taken at the BYU-SL Center. The minimum GPA is 3.0. There is not an established GPA standard yet for this major. Rolling admissions begins Nov 1 of the preceding year. (See the Pre-Accounting Major section for a definition of rolling admissions).

PRE-MANAGEMENT MAJORS

Management at BYU is a limited enrollment, competitive admission major, accepting students fall semester, winter semester, and spring semester. (Spring semester at SLCC is called winter
semester at BYU. CIS 1020 must be completed with a grade of
‘B’ or better. ACCT 2010, ACCT 2020, BUS 2100, MGT 2040,
ECON 2010 and ECON 2020 are grade discounted .3 (A to A-).
Overall GPA and last 30 hrs GPA are not discounted. These
courses must be completed prior to the business school applica-
tion deadlines. The minimum GPA to apply is 3.0 but the typical
GPA of recently admitted students is a 3.8 in the Pre-Manage-
tment core.

SOUTHERN UTAH UNIVERSITY
CIS 1020 with a B grade or better clears the computer proficiency
requirement to enter upper-division course work. CIS 2010 will
be required beginning fall 2007. Business course requirements
that can be taken as part of General Education: PSY1010 (SS) or
SOC 1010 (SS). SUU also requires SLCC’s BUS 2200 Business
Communication which can be completed in addition to the
Business AS or AA degree. The minimum GPA requirements are
2.5+ in the pre-business and upper-division courses, including all
transfer work.

UNIVERSITY OF UTAH
GRADE REQUIREMENTS
CIS 1020 and CIS 2010 with a ‘B’ grade or better clear the
computer proficiency requirement to enter upper-division course
work. Students must earn a grade of ‘B’ or better in ENGL 2010
and MATH 1050 or MATH 1090 or BUS 1100. Students must
earn a grade of ‘B’ or better in COMM 1020 or COMM 1010.
COMM 1010 is acceptable as long as it was not taken before
Summer 2003. Students must maintain a ‘C’ or higher in all
other business requirements. Typical average GPA of students
recently admitted to upper-division is 3.3.

UNIVERSITY OF UTAH BUSINESS COURSES THAT CAN BE TAKEN AS PART OF
GENERAL EDUCATION
1 course in Philosophy (Humanities or Interdisciplinary), 2 of
3 courses: Anthropology (Humanities or Interdisciplinary),
Psychology (Social Science), Sociology (Interdisciplinary or Social
Science).

UTAH STATE UNIVERSITY
CIS 1020 and CIS 2010 with a B grade or better clear the
computer proficiency requirement to enter upper-division course
work.

UTAH STATE UNIVERSITY BUSINESS COURSE REQUIREMENTS THAT CAN BE
TAKEN AS PART OF GENERAL EDUCATION
PSY 1010 or SOC 1010.

SLCC Business AS/AA transfer students with a GPA of 3.5 or
higher will be automatically accepted into USU’s College of
Business. Students with a GPA below 3.5 must apply through
the College of Business with a minimum ‘C’ or better in ECON
2020, BUS 1100 and MGT 2040 and complete an application
with essay. Students who plan to major in Accounting must have
a grade of ‘B’ or better in Accounting 2010. USU also requires
SLCC’s BUS 2200 Business Communication and ECON 2400
which can be completed in addition to the Business AS or AA
degree. A GPA of 3.0 is usually the lower end of applicants who
are accepted.

Students may also pursue a degree in Business with an option in
Accounting or General Business through the University Center
at SLCC. The minimum required GPA is 2.56. For further infor-
mation, call (801) 646-5570.

UTAH VALLEY UNIVERSITY
The overall minimum GPA is a 2.5. No business courses below
a grade of ‘C’ are accepted. CIS 1020 and CIS 2010 with a ‘B’
grade or better clear the computer proficiency requirement.
UVU also requires SLCC’s BUS 2200 Business Communication
which can be completed in addition to the Business AS or AA
degree.

WEBER STATE UNIVERSITY
CIS 2010 with a ‘B’ grade (80%) or better to clear the computer
proficiency requirement to enter upper-division course work.
COMM 1020 recommended. Before applying for admission to
the Goddard School of Business students must attend at least
one semester at WSU. They must have an overall GPA of 2.5 or
higher. An overall GPA of 2.5 and a grade of C- or higher is
required for ACCT 2010, ECON 2010, ECON 2020, and MGT
2340. Students must also have a Transfer Summary validation
completed. Request this from the GSBE Academic Advising
Center at WSU.

WESTMINSTER COLLEGE
COMM 1020 is required for graduation. Westminster now offers
business B.S. degrees which do not require foreign language.
The business B.A. degrees require 2-3 semesters of one foreign
language (see advisor). ENGL 2100 is not accepted at West-
minster toward the English general education requirement.
Minimum GPA of 2.3 is required. The general education diver-
sity (DV) class has to be taken at Westminster. Check with an
advisor to see about any SLCC class that might articulate for a
DV at Westminster. However none of the DV classes at SLCC
will count for this requirement. MGT 2350 will articulate to
MGMT 230 at Westminster.

ASSOCIATE OF ARTS DEGREE
IN BUSINESS
(minimum 64 hours required)

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 1020 Intermed Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
</tbody>
</table>

QUANTITATIVE LITERACY

<table>
<thead>
<tr>
<th>COURSE</th>
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<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>MATH 1050 College Algebra</td>
<td>4</td>
<td>A</td>
<td>MATH 1010 w/C or CPT placement</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 1090 College Alg Bus</td>
<td>3</td>
<td>A</td>
<td>MATH 1010 w/C or CPT placement</td>
</tr>
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</table>

AMERICAN INSTITUTIONS (3 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 1700 Amer Civilization</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLS 1100 US Gov &amp; Politics</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
</tbody>
</table>

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC ____ | 1 | A | none |

STUDENT CHOICE (3 CREDITS)

COMM1020 Principles Public Speaking | 3 | A | none |

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Science (BS)</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better</td>
</tr>
<tr>
<td>Fine Arts (FA)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Humanities (HU)</td>
<td>3</td>
<td>A</td>
<td>none</td>
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<tr>
<td>Interdisciplinary (ID)</td>
<td>3</td>
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<td>none</td>
</tr>
<tr>
<td>Physical Science (PS)</td>
<td>3</td>
<td>A</td>
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</tr>
<tr>
<td>Social Science (SS)</td>
<td>3</td>
<td>A</td>
<td>none</td>
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</table>

SLCC 2010-2011 GENERAL COLLEGE CATALOG 127
**LANGUAGES**

- **LANG 1010**
- **LANG 1020**
- **LANG 2010**
- **LANG 2020**
- **LANG 3010**
- **LANG 3020**
- **LANG 4010**
- **LANG 4020**
- **LANG 5010**
- **LANG 5020**
- **LANG 6010**
- **LANG 6020**
- **LANG 7010**
- **LANG 7020**
- **LANG 8010**
- **LANG 8020**
- **LANG 9010**
- **LANG 9020**
- **LANG 1010**
- **LANG 1020**
- **LANG 1030**
- **LANG 1040**
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- **LANG 1060**
- **LANG 1070**
- **LANG 1080**
- **LANG 1090**
- **LANG 1100**
- **LANG 1110**
- **LANG 1120**
- **LANG 1130**
- **LANG 1140**
- **LANG 1150**
- **LANG 1160**
- **LANG 1170**
- **LANG 1180**
- **LANG 1190**
- **LANG 1200**
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- **LANG 2010**
- **LANG 2020**
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- **LANG 2960**
- **LANG 2970**
- **LANG 2980**
- **LANG 2990**
MAJOR COURSE REQUIREMENTS

**COMPLETE EITHER OPTION 1 OR 2:**

**OPTION 1**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
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<tbody>
<tr>
<td>ACCT 2010</td>
<td>3</td>
<td>A</td>
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</tr>
<tr>
<td>ACCT 2010</td>
<td>3</td>
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**OPTION 2**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>ACCT 2010</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

**FINANCIAL ACCOUNTING NOTE**

Students considering a major in Accounting should consider ACCT 1110 and ACCT 1120 for better preparation for upper-division Accounting courses. ACCT 1110 alone will not clear the Financial Accounting requirement at 4-year schools. All Utah 4-year colleges accept ACCT 1110 and ACCT 1120 or ACCT 2010 for Financial Accounting. The additional 3 credit hours required when taking the ACCT 1110 and ACCT 1120 combination are generally applied to Business elective courses at 4-year schools.

**COMPLETE EACH OF THE FOLLOWING:**

<table>
<thead>
<tr>
<th>COURSE</th>
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<tr>
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<td>BUS 1050</td>
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<tr>
<td>BUS 1100</td>
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<td>CIS 1020 or comp</td>
</tr>
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</tr>
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</tr>
<tr>
<td>MGT 2040</td>
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<td>FIN 1380 or MATH 1090, BUS 1050, CIS 1020 or competency</td>
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**ADDITIONAL TRANSFER REQUIREMENTS**

Additional transfer requirements beyond the AS degree to be taken at SLCC before transfer to Utah State University, Southern Utah University, Utah Valley University, and Brigham Young University-Idaho:

<table>
<thead>
<tr>
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<tr>
<td>BUS 2200</td>
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**SAMPLE SCHEDULE**

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<td></td>
</tr>
<tr>
<td></td>
<td>ACCT 2010</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>BUS 1050</td>
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<td></td>
<td>COMM 1020</td>
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<tr>
<td></td>
<td>ENGL 1010</td>
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<td>MATH 1090</td>
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<td></td>
<td>OR</td>
<td>17</td>
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<td>2ND FALL SEMESTER</td>
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<td></td>
<td>MGT 2040</td>
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<th>SPRING SEMESTER</th>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
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<td>OR</td>
<td></td>
<td>3</td>
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<tr>
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<td>ACCT 2010</td>
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<td>3</td>
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<td>BUS 1100</td>
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<td>MATH 1050</td>
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<td>3</td>
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<td>OR</td>
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</tr>
<tr>
<td></td>
<td>TOTAL</td>
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**BUSINESS ADMINISTRATION, BS**

SEE UNIVERSITY CENTER.

---

**BUSINESS MANAGEMENT**

Business Building 105 (801) 957-4325

General Information (801) 957-4073

Academic Advisor BB 123A (801) 957-4300

www.slcc.edu/businessmanagement

Professor: Don Gren, Roger Lee, Amar Sahay

Associate Professor: Karen Killinger, Melodee Lambert

Assistant Professors: Edward Engh

Instructors: Basil Chelemes, Don Skousen

**THE PROGRAM**

The Business Management Department offers a Certificate of Completion and Associate of Applied Science degrees in Business Management, Production Operations and Supply Chain Management, and Small Business Management. These areas are designed to lead to employment as managers, managers-trainees, production planners and schedulers, engineering assistants, inventory control technicians, entrepreneurs, and a variety of other positions.

Students who are interested in pursuing courses leading to a Bachelor’s Degree in Business Management areas should follow the courses listed in Business Associate of Science or Business Associate of Arts degrees listed elsewhere in this catalog.

Associate degree business programs are accredited by the Association of Collegiate Business Schools and Programs (ACBSP). This accreditation represents the achievement of meeting the high national standards established for associate degree business programs.

General Education and elective courses provide training in effective oral and written communication and human relation skills. BUS 1050, BUS 2200, COMM 1010, MGT 2070 and MGT 2500 are taught using group and team activities in the learning process to develop the student’s interactive skills and to build human values and ethics.

**PREPARATION NOTE**

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program. The classes designed to assist students in reaching the skill level necessary to enter the certificate and degree programs are computer applications, MATH 0990. Any class in the preparatory skills may be waived for students who can demonstrate equivalent skills.

**PREREQUISITES**

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before class may be taken. Students who want to challenge the exam are advised to review the information at www.slcc.edu/CAT. An 80% or higher is required on each section of the test. Once the exam is passed, a P is posted to the transcript and credit is awarded.

**ELECTIVE OPTIONS**

Cooperative Education is SLCC’s strategy for recognizing and rewarding new learning associated with student-related employment in a business, industrial or government work environment. Credit earned from MGT 2000 is applied toward graduation requirements as business elective credits. The department strongly recommends that students enhance their employment opportunities through Cooperative Education as soon as skills permit, to complement the certificate or degree. Contact CO-OP Education at (801) 957-4014.
CLASS AVAILABILITY
The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/ evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN BUSINESS MANAGEMENT
(minimum 65 hours required)

Business Management includes the study of business theory and principles applied in the many activities of business today, both nationally and worldwide. Emphasis is given to problem solving and decision making to prepare the graduate with decision-making skills for a variety of career areas.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
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</tbody>
</table>

ELECTIVES (6 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
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<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ACCT 2520 Federal Inc Tax</td>
<td>3</td>
<td>F</td>
<td>ACCT 1120 or ACCT 2010</td>
</tr>
<tr>
<td>BUS 1040 Ethics at Work</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>ECON 2100 Labor Econ</td>
<td>3</td>
<td>F, Sp</td>
<td>ECON 2010, ECON 2030</td>
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<tr>
<td>ECON 2400 Inter Econ/Fin</td>
<td>3</td>
<td>F</td>
<td>ECON 2010, ECON 2030</td>
</tr>
<tr>
<td>FIN 2210 Principles of Bus Credit</td>
<td>2</td>
<td>A</td>
<td>ACCT 1120 or ACCT 2010</td>
</tr>
<tr>
<td>FIN 2950 Exec Lectures</td>
<td>1</td>
<td>Sp</td>
<td>none</td>
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<table>
<thead>
<tr>
<th>COURSE</th>
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<th>SEM</th>
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<tbody>
<tr>
<td>MATH 1050 College Algebra</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>MATH 1090 Coll Algebra Bus</td>
<td>3</td>
<td>A</td>
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<tr>
<td>MGT 1600 Mgmt Essentials</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>MGT 2000 CO-OP</td>
<td>1-3</td>
<td>TBA</td>
</tr>
<tr>
<td>MGT 2350 Bus Stat II</td>
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<td>A</td>
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</table>

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
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<tbody>
<tr>
<td>MGT 2990 Current Topics</td>
<td>1-3</td>
<td>TBA</td>
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</tbody>
</table>

ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN BUSINESS MANAGEMENT / PRODUCTION OPERATIONS AND SUPPLY CHAIN MANAGEMENT

(minimum 64 hours required)

The Production Operations and Supply Chain Management program focuses on the production/operations, supply chain design and management, logistics, quality, and lean principles required to produce goods and services. Efficient management of production and service systems requires an understanding of these activities. Recent business globalization, fast response time requirement, short product life cycle, high quality and low cost product and service requirements, investment in supply chain and logistics, removal of non-value added activities (waste reduction), high customer expectations, and technological advancements are changing the ways of conducting businesses. These have also created new challenges. This program provides the students with the necessary background, understanding, and concepts that will help them meet the challenges of today's dynamic business environment and become productive employees or business owners.

PROGRAM PREREQUISITES

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CIS 1020 - Computer Essentials is a prerequisite for this program. Students may complete this prerequisite by successfully passing the CIS 1020 challenge exam. Challenge information may be obtained at www.slcc.edu/CIS. An 80% or higher is required on each section of the test. Once the exam is passed, a P is posted to the transcript and credit is awarded.
Computer lab fee may be required for core program courses. These courses use specialized software. The fee will be used to support the software and lab costs.

**GENERAL EDUCATION RECOMMENDATIONS**

(18-18 CREDIT HOURS)

**CORE**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
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<tbody>
<tr>
<td>ENGL 1010  Intro to Writing</td>
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<td>A</td>
<td>Pre-test</td>
</tr>
<tr>
<td>MATH 1050  College Algebra</td>
<td>4</td>
<td>A</td>
<td>MATH 1010 or CPT scores</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
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<tr>
<td>MATH 1090  College Alg Bus</td>
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<td>A</td>
<td>MATH 1010 or CPT scores</td>
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<tr>
<td>BUS 2200   Business Comm</td>
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<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
<tr>
<td>MKTG 1960  Prof. in Business</td>
<td>3</td>
<td>A</td>
<td>None</td>
</tr>
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</table>

**DISTRIBUTION AREAS**

Choose an additional six credit hours from at least two of the following distribution areas:

- Biological Science (BS)
- Fine Arts (FA)
- Humanities (HU)
- Interdisciplinary (ID)
- Physical Science (PS)
- Social Science (SS)

Interdisciplinary: except BUS 1050

See pp. 23-27 for options in each of these categories.

**PROGRAM COURSE REQUIREMENTS AND ELECTIVES**

(46 CREDIT HOURS)

**MAJOR COURSE REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2010  Survey Fin Acct</td>
<td>3</td>
<td>A</td>
<td>None</td>
</tr>
<tr>
<td>ACCT 2020  Managerial Acct</td>
<td>3</td>
<td>A</td>
<td>None</td>
</tr>
<tr>
<td>BUS 1050   Foundations of Bus(ID)</td>
<td>3</td>
<td>A</td>
<td>None</td>
</tr>
<tr>
<td>BUS 1100   Applied Bus Calc</td>
<td>3</td>
<td>A</td>
<td>MATH 1050 or MATH 1090</td>
</tr>
<tr>
<td>CIS 2410   ADV Sprdst App</td>
<td>3</td>
<td>Sp</td>
<td>CIS 1020</td>
</tr>
<tr>
<td>MGT 2040   Business Statistics I</td>
<td>4</td>
<td>A</td>
<td>FIN 1380 or MATH 1010, BUS 1050, CPT</td>
</tr>
<tr>
<td>MGT 2050   Legal Env of Bus</td>
<td>3</td>
<td>A</td>
<td>BUS 1050</td>
</tr>
<tr>
<td>MGT 2350   Business Statistics II</td>
<td>3</td>
<td>A</td>
<td>MGT 2040, MATH 1050 or MATH 1090</td>
</tr>
<tr>
<td>MGT 2700   Prod/Op Mgt</td>
<td>3</td>
<td>F</td>
<td>MATH 1050 or MATH 1090</td>
</tr>
<tr>
<td>MGT 2710   Stat Qual Con/Six Sig</td>
<td>3</td>
<td>F</td>
<td>MGT 2040, MGT 2350</td>
</tr>
<tr>
<td>MGT 2720   SupplyChnDesign/Mgt</td>
<td>3</td>
<td>Sp</td>
<td>MGT 2700</td>
</tr>
<tr>
<td>MGT 2730   Lean Production</td>
<td>3</td>
<td>Sp</td>
<td>MGT 2700</td>
</tr>
<tr>
<td>MGT 2740   Logistics &amp; E-Bus</td>
<td>3</td>
<td>Sp</td>
<td>MGT 2700, MGT 2720</td>
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</tbody>
</table>

**ELECTIVES**

Choose 6 credits from the following:

- MGT 1040 Business Ethics
- MGT 2000 Co-Op
- MGT 2990 Special Topics
- MGT 2999 Current Topics


**SAMPLE SCHEDULE**

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<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
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<tbody>
<tr>
<td>BUS 2200 3</td>
<td>BUS 1050 3</td>
</tr>
<tr>
<td>ENGL 1010 3</td>
<td>MATH 1050 4</td>
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<td>MKTG 1960 3</td>
<td>MGT 2040 4</td>
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<td>DISTRIBUTION 6</td>
<td>BUS 2050 3</td>
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<tr>
<td>TOTAL 15</td>
<td>CPT 2410 3</td>
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**ASSOCIATE OF APPLIED SCIENCE (CTE)**

**DEGREE IN BUSINESS MANAGEMENT/SMALL BUSINESS OWNERSHIP EMPHASIS**

(minimum 66 hours required)

The Small Business Management program trains students to become successful entrepreneurs. The course of study emphasizes special skills necessary to introduce a business idea into the marketplace and manage the growth of the business to ensure profitability.

**GENERAL EDUCATION REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010  Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>FIN 1380   Financial Math</td>
<td>3</td>
<td>A</td>
<td>MATH 0990 or CPT</td>
</tr>
<tr>
<td>ACCT 2010  Bus Communications</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
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<tr>
<td>MKTG 1960  Prof. in Business</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
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</table>

**DISTRIBUTION AREAS**

Choose an additional six credit hours from two of the following distribution areas:

- Biological Science (BS)
- Fine Arts (FA)
- Humanities (HU)
- Interdisciplinary (ID)
- Physical Science (PS)
- Social Science (SS)

Interdisciplinary: except BUS 1050, FIN 1050

See pp. 23-27 for options in each of these categories.

**MAJOR COURSE REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tr>
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<td>None</td>
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<tr>
<td>ACCT 2020  Managerial Acct</td>
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<td>A</td>
<td>None</td>
</tr>
<tr>
<td>BUS 1050   Foundations of Bus(ID)</td>
<td>3</td>
<td>A</td>
<td>None</td>
</tr>
<tr>
<td>BUS 1100   Applied Bus Calc</td>
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<td>MATH 1050 or MATH 1090</td>
</tr>
<tr>
<td>MGT 2050   Legal Env of Bus</td>
<td>3</td>
<td>A</td>
<td>BUS 1050</td>
</tr>
<tr>
<td>MGT 2350   Business Statistics II</td>
<td>3</td>
<td>A</td>
<td>MGT 2040, MATH 1050 or MATH 1090</td>
</tr>
<tr>
<td>MGT 2700   Prod/Op Mgt</td>
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<td>F</td>
<td>MATH 1050 or MATH 1090</td>
</tr>
<tr>
<td>MGT 2710   Stat Qual Con/Six Sig</td>
<td>3</td>
<td>F</td>
<td>MGT 2040, MGT 2350</td>
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<tr>
<td>MGT 2720   SupplyChnDesign/Mgt</td>
<td>3</td>
<td>Sp</td>
<td>MGT 2700</td>
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<tr>
<td>MGT 2730   Lean Production</td>
<td>3</td>
<td>Sp</td>
<td>MGT 2700</td>
</tr>
<tr>
<td>MGT 2740   Logistics &amp; E-Bus</td>
<td>3</td>
<td>Sp</td>
<td>MGT 2700, MGT 2720</td>
</tr>
<tr>
<td>MGT 2040   Bus Statistics I</td>
<td>4</td>
<td>A</td>
<td>BUS 1050</td>
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SLCC 2010-2011 GENERAL COLLEGE CATALOG

131
This program is a one-year course of study surveying essentials of business management to include the study of business theory and principles which are important in both a national and global perspective.

**MAJOR COURSE REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tr>
<td>ACCT 2010 Survey FinAcct</td>
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<td>none</td>
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<td>ACCT 2020 Managerial Actg</td>
<td>3</td>
<td>A</td>
<td>ACCT 1110 or ACCT 2010, CIS 1020 or comp</td>
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<tr>
<td>BUS 1050 Foundations of Bus</td>
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<td>none</td>
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<tr>
<td>BUS 2200 Business Comm</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
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<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
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<tr>
<td>FIN 1380 Financial Math</td>
<td>3</td>
<td>A</td>
<td>MATH 0990 or CPT</td>
</tr>
<tr>
<td>MGT 1010 Intro to Dist Sys</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>MGT 1030 Intro to Mktg</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>MGT 1960 Prof in Business</td>
<td>3</td>
<td>A</td>
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<tr>
<td>MGT 2070 Hum Res Mgmt</td>
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**BUSINESS ELECTIVES (3 CREDITS)**

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<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ACCT 2420 Federal Inc Tax</td>
<td>3</td>
<td>F</td>
<td>ACCT 1110 or ACCT 2010</td>
</tr>
<tr>
<td>ECON 2100 Labor Econ</td>
<td>3</td>
<td>F, Sp</td>
<td>ECON 2010, ECON 2020</td>
</tr>
<tr>
<td>ECON 2400 Inter Econ/Fin</td>
<td>3</td>
<td>F</td>
<td>ECON 2010, ECON 2020</td>
</tr>
<tr>
<td>FIN 2210 Principles of Bus Credit</td>
<td>2</td>
<td>A</td>
<td>ACCT 1110 or ACCT 2010</td>
</tr>
<tr>
<td>FIN 2950 Exec Lectures</td>
<td>1</td>
<td>Sp</td>
<td>none</td>
</tr>
</tbody>
</table>

**BUSINESS ADMINISTRATION**
SEE UNIVERSITY CENTER.

**CAD APPLICATIONS TRAINING**
SEE CONTINUING EDUCATION.

**CAD/CAM ENGINEERING TECHNOLOGY**
SEE ENGINEERING DRAFTING/DESIGN TECHNOLOGY.

**CARPENTER APPRENTICESHIP**
(including carpentry independent technology apprenticeship and carpentry JATC technology apprenticeship.)
SEE APPRENTICESHIPS SECTION.
SEE ALSO BUILDING CONSTRUCTION/CONSTRUCTION MANAGEMENT.

**CDL LEARNER’S PERMIT PREPARATION**
SEE SCHOOL OF APPLIED TECHNOLOGY.

**CEMENT MASON JATC TECHNOLOGY APPRENTICESHIP**
SEE APPRENTICESHIPS SECTION.

**CNA (CERTIFIED NURSE ASSISTANT)**
SEE SCHOOL OF APPLIED TECHNOLOGY.

**CHEMICAL ENGINEERING**
SEE ENGINEERING.

**CHEMISTRY**
Science and Industry Building 341 (801) 957-4944
General Information (801) 957-4973
Academic Advising SI 209 (801) 957-4858
www.slc.edu/chemistry

Assistant Professors: Luther Gidding, Holly Phaneuf, Sesh Seshadri, Ron Valcarce

The Chemistry Department offers a program leading to an Associate of Science degree. Required courses and laboratory instruction in this program provides the student the first two years of chemistry and related courses required for admission to baccalaureate major programs. Program also provides a solid foundation in chemistry necessary for admission to professional programs and for employment in chemistry-related areas.
Chemistry is also a discipline essential to training for many pre-professional fields as well as health sciences. All courses are transferable to other schools in the state system of higher education and most other universities and colleges.

Chemistry classes are offered at four levels:
1. General one-semester survey class; fulfills General Education requirements for non-technical students;
2. A two-semester health science series of inorganic, organic and biochemistry;
3. A two-semester series of pre-engineering/pre-professional general inorganic chemistry;

A preparatory class (CHEM 1100) is available to students with no previous courses in chemistry.

PREPARATION NOTE
Students who need to take preparatory classes to meet the requirements of first-semester courses should plan on extra time to complete the program. For students majoring in chemistry, Calculus I is considered the entry-level math class.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY
Semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 65 hours required)

GENERAL EDUCATION REQUIREMENTS (19–20 CREDITS)

<table>
<thead>
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<th>COURSE</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
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<tr>
<td>ENGL 2010 Interim Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
<tr>
<td>OR ENGL 2100 Tech Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
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<tr>
<td>MATH 1210 Calculus I</td>
<td>4</td>
<td>A</td>
<td>MATH 1060</td>
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AMERICAN INSTITUTIONS (3 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
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<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>OR HIST 1700 Amer Civilization</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>OR POLS 1100 US Govt &amp; Politics</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>MATH 1050 College Physics I</td>
<td>4</td>
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</table>

LIFELONG WELLNESS

<table>
<thead>
<tr>
<th>COURSE</th>
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<tbody>
<tr>
<td>HLAC 1 A</td>
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STUDENT CHOICE (3 CREDITS)

<table>
<thead>
<tr>
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<tbody>
<tr>
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<td>none</td>
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</table>

DISTRIBUTION AREAS (15 CREDITS)
Choose an additional three credit hours from each of the following General Education areas. One of the courses must also be a Diversity (DV) course.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>CHEM 1210 Gen Chem I</td>
<td>4</td>
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<td>MATH 1050, w/CHEM 1215</td>
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<tr>
<td>CHEM 1215 Gen Chem Lab I</td>
<td>1</td>
<td>F, Sp</td>
<td>w/CHEM 1210</td>
</tr>
<tr>
<td>CHEM 1220 Gen Chem II</td>
<td>4</td>
<td>F, Sp</td>
<td>w/CHEM 1220, w/CHEM 1215</td>
</tr>
<tr>
<td>CHEM 1225 Gen Chem Lab II</td>
<td>1</td>
<td>Sp, Su</td>
<td>CHEM 1220, w/CHEM 1215</td>
</tr>
<tr>
<td>CHEM 2310 Organic Chem I</td>
<td>4</td>
<td>F, Sp</td>
<td>CHEM 2310, w/CHEM 2315</td>
</tr>
<tr>
<td>CHEM 2320 Organic Chem II</td>
<td>4</td>
<td>Sp, Su</td>
<td>CHEM 2310, w/CHEM 2320</td>
</tr>
<tr>
<td>CHEM 2325 Organ Chem Lab I</td>
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<td>CHEM 2310, w/CHEM 2320</td>
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<td>CHEM 2325 Organ Chem Lab II</td>
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<td>Sp, Su</td>
<td>CHEM 2310, w/CHEM 2320</td>
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MAJOR COURSE REQUIREMENTS (34 HOURS REQUIRED)

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</thead>
<tbody>
<tr>
<td>PHYS 2010 College Physics I</td>
<td>4</td>
<td>A</td>
<td>MATH 1060, w/PHYS 2020</td>
</tr>
<tr>
<td>PHYS 2015 College Physics I</td>
<td>1</td>
<td>A</td>
<td>w/ PHYS 2010</td>
</tr>
<tr>
<td>PHYS 2020 College Physics I</td>
<td>4</td>
<td>A</td>
<td>PHYS 2010, w/PHYS 2015</td>
</tr>
<tr>
<td>PHYS 2025 College Physics Lab II</td>
<td>1</td>
<td>A</td>
<td>w/PHYS 2020</td>
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OR

<table>
<thead>
<tr>
<th>COURSE</th>
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<tbody>
<tr>
<td>PHYS 2210 Physics f/Sci &amp; Eng I</td>
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<td>A</td>
<td>PHYS 2210</td>
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<td>1</td>
<td>A</td>
<td>w/PHYS 2220</td>
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</table>

*Note: Admission into a major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hel02a.html.

SAMPLE SCHEDULE

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<tr>
<th>COURSE</th>
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<td>4</td>
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<td>MATH 1050, w/CHEM 1215</td>
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<tr>
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<td>MATH 1010</td>
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<td>STUDENT CHOICE</td>
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<td>MATH 1050, w/CHEM 1215</td>
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<td>PHYS 2010</td>
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<td></td>
<td>MATH 1050, w/CHEM 1215</td>
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<td>PHYS 2015</td>
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<td>4</td>
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<td>PHYS 2215</td>
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COMPLETING THE LISTED REQUIREMENTS
BELOW RESULTS IN RECEIVING AN
ASSOCIATE OF SCIENCE TRANSFER DEGREE*
(minimum 63 hours required)

CHEMISTRY/PHYSICAL SCIENCE
GENERAL EDUCATION REQUIREMENTS

CORE SKILLS

COMPOSITION

ENGL 1010 Intro to Writing 3 A pre-test
ENGL 2010 Intern Writing 3 A ENGL 1010 w/C or better

QUANTITATIVE LITERACY

MATH 1210 Calculus I 4 A MATH 1060

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1240 Econ Hist of US 3 A RDG 0900 w/C or better or appropriate placement

OR

HIST 1700 Amer Civilization 3 A RDG 0900 w/C or better or appropriate placement

OR

POLS 1100 Am Ntl Govt 3 A RDG 0900 w/C or better or appropriate placement

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC _______ 1 A none

STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DIV). Biological Science (BS) 3-4 A RDG 0900 w/C or better
Fine Arts (FA) 3 A none
Humanities (HU) 3 A none
Interdisciplinary (ID) 3 A none
Physical Science (PS) 3 A none
Social Science (SS) 3 A none

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

CHEM 1210 General Chem I 4 F, Sp
CHEM 1215 Gen Chem Lab I 1 F, Sp
CHEM 1220 General Chem II 4 Sp, Su
CHEM 1225 Gen Chem Lab II 1 Sp, Su
CHEM 2310 Organic Chem I 4 F, Sp
CHEM 2315 Organic Chem Lab I 1 F, Sp
CHEM 2320 Organic Chem II 4 Sp, Su
CHEM 2325 Organic Chem Lab II 1 Sp, Su
MATH 1220 Calculus II 4 A MATH 1210

PHYS 2010 College Physics I 4 A MATH 1060, w/PHYS 2010

AND

PHYS 2015 College Physics Lab I 1 A w/PHYS 2010

OR

PHYS 2110 Physics fSci & Eng I 4 A MATH 1210, w/PHYS 2115

AND

PHYS 2115 Physics fSci & Eng II 1 A w/PHYS 2110


SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1210</td>
<td>CHEM 1220</td>
</tr>
<tr>
<td>CHEM 1215</td>
<td>CHEM 1225</td>
</tr>
<tr>
<td>ENGL</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>MATH 1210</td>
<td>MATH 1220</td>
</tr>
<tr>
<td>HLAC</td>
<td>AMERICAN INST  3</td>
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<td>STUDENT CHOICE</td>
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<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 2310</td>
<td>CHEM 2315</td>
</tr>
<tr>
<td>CHEM 2315</td>
<td>CHEM 2320</td>
</tr>
<tr>
<td>PHYS 2010</td>
<td>PHYS 2015</td>
</tr>
<tr>
<td>PHYS 2110</td>
<td>PHYS 2115</td>
</tr>
<tr>
<td>TOTAL 16</td>
<td>TOTAL 17</td>
</tr>
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</table>

*NOTE: Admission into a major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hei@ca.html.

DEPARTMENTAL OFFERINGS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
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<tr>
<td>CHEM 1010</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>CHEM 1060</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>CHEM 1110</td>
<td>4</td>
<td>A</td>
<td>MATH 1010, w/HEM 1115</td>
</tr>
<tr>
<td>CHEM 1115</td>
<td>1</td>
<td>A</td>
<td>w/HEM 1110</td>
</tr>
<tr>
<td>CHEM 1210</td>
<td>4</td>
<td>A</td>
<td>MATH 1060, w/HEM 1215</td>
</tr>
<tr>
<td>CHEM 1215</td>
<td>1</td>
<td>A</td>
<td>w/HEM 1210</td>
</tr>
<tr>
<td>CHEM 2110</td>
<td>2-4</td>
<td>A</td>
<td>Instructor’s approval</td>
</tr>
<tr>
<td>CHEM 2120</td>
<td>1</td>
<td>A</td>
<td>w/HEM 2125</td>
</tr>
<tr>
<td>CHEM 2315</td>
<td>1</td>
<td>F, Sp</td>
<td>w/HEM 2310</td>
</tr>
<tr>
<td>CHEM 2320</td>
<td>4</td>
<td>Sp, Su</td>
<td>w/HEM 2325</td>
</tr>
<tr>
<td>CHEM 2325</td>
<td>1</td>
<td>Sp, Su</td>
<td>w/HEM 2320</td>
</tr>
</tbody>
</table>

CHINESE

SEE LANGUAGE AND CULTURE.

CIVIL/ENVIRONMENTAL ENGINEERING

SEE ENGINEERING.

COMMUNICATION

Books and Supplies: Cost for general student supplies and texts are comparable with other General Education classes. Classes requiring registration for a lab may require a small replacement and disposable fee to cover the cost of the student’s use of lab facilities and supplies.
THE PROGRAM
An Associate of Science degree may be obtained while pursuing coursework in Communication. The AS requires a minimum of 63 semester credit hours with a cumulative grade-point average of 2.0 or better (2.6 or better is required for students transferring to the University of Utah). Elective hours may be selected from department-approved lists to emphasize the student’s interest area within Communication. Communication courses range from basic introductory course (COMM 1010) to specialized courses in broadcasting, journalism, public relations, rhetoric, persuasion, interpersonal communication, small group communication, organizational communication, public speaking and conflict resolution. CO-OP Internship (COMM 2000) is strongly recommended. Students may earn a portion of their elective credits by accepting and successfully fulfilling an available student internship within their area of interest.

PREREQUISITES
Students are strongly encouraged to take ENGL 1010 and COMM 1010 during their first semester. It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY
The semesters in which courses are taught are listed below. Students should check the current class schedule for availability and for modifications caused by varying enrollments.

TRANSFER NOTES
Admission into a major program at a USHE transfer institution depends on meeting that institution’s requirements for the specific major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific major requirements. The Communication Department also offers an Associate of Applied Science Degree in Mass Communication with emphases in the following:

• Journalism with tracks in Print, Broadcast, or Radio
• TV/Video Production
• Mass Communication Studies
• Media & Communication Technology

Please Note: classes from “A. Required Core Courses” and “B. Required Courses” must total a minimum of 24 credits.

MASS COMMUNICATION
The Communication Department offers an Associate of Science Degree in Mass Communication with emphases in the following:

• Journalism with tracks in Print, Broadcast, or Radio
• TV/Video Production
• Mass Communication Studies
• Media & Communication Technology

The Communication Department also offers an Associate of Applied Science Degree in Video Production or Radio Production. (See “Video Production or Radio Production” program in this catalog.)

MASS COMMUNICATION ANY EMPHASIS
A. Required Core Courses:

14 credit hrs

B. Institutional Requirements: (minimum of 4 credits)

JOURNALISM EMPHASIS

Required Courses: (Choose One Track)

12-15 credit hrs

Broadcast Journalism Track:

Print Journalism Track:

PREREQUISITES
CR SEM PREREQUISITES

COMM 1010* Intro Mass Comm. (ID) 3 A none
COMM 1800 Digital Media Essentials 4 A COMM/ART/FLM/ENGL 1800 or w/COMM/ART/FLM/ENGL 1800
COMM 1500 Elem. of Digit Med (ID) 4 F, Sp none

COMM 1630 Jrn II: Layout/Design 3 F, Sp none

COMM 1610 Jrn I: Reporting/Writing 3 F, Sp ENGL 1010
COMM 1620 Jrn II: Editing 3 F, Sp COMM 1610 or COMM 1130
COMM 1120 Print of Interv 3 F, Sp none
COMM 1500 Jrn I: Reporting/Design 3 F, Sp COMM/ART/FLM/ENGL 1800

COMM 1120 Jrn II: Editing 3 F, Sp none
COMM 1500 Jrn I: Designing 3 F, Sp COMM/ART/FLM/ENGL 1800
COMMUNICATION

COMM 2310 Inter Video Prod-News 4 F, Sp COMM 2200 or approval and COMM 1130 pref

Radio Journalism Track:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>COMM 1120</td>
<td>3</td>
<td>F, Sp</td>
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<tr>
<td>COMM 1130</td>
<td>4</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>COMM 151S</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1580</td>
<td>3</td>
<td>F, Sp</td>
<td>COMM/AR/FLM/ ENGL 1800 or permission of the instructor</td>
</tr>
</tbody>
</table>

MASS COMMUNICATION STUDIES EMPHASIS

B. Required Courses:

13-15 credit hrs

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>COMM 1130</td>
<td>4</td>
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</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMM 1610</td>
<td>3</td>
<td>F, Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMM 2200</td>
<td>4</td>
<td>F, Sp</td>
<td>COMM/AR/FLM/ ENGL 1800 pref</td>
</tr>
<tr>
<td>COMM 2440</td>
<td>3</td>
<td>A</td>
<td>COMM/AR/FLM/ ENGL 1800</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMM 2570</td>
<td>4</td>
<td>F, Sp</td>
<td>none</td>
</tr>
</tbody>
</table>

TV/VIDEO PRODUCTION EMPHASIS

(See Also “Video Production or Audio Production” Program.)

B. Required Courses:

15 credit hrs

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 151S</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>COMM 2200</td>
<td>4</td>
<td>F, Sp</td>
<td>COMM/AR/FLM/ ENGL 1800 pref</td>
</tr>
<tr>
<td>COMM 2310</td>
<td>4</td>
<td>F, Sp</td>
<td>COMM 2200 or approval and COMM 1130 pref</td>
</tr>
<tr>
<td>COMM 2440</td>
<td>4</td>
<td>F, Sp</td>
<td>COMM 2200 or FLM 1055 or approval</td>
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</tbody>
</table>

MEDIA & COMMUNICATION TECHNOLOGY EMPHASIS

B. Required Courses:

14 credit hrs

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1400</td>
<td>3</td>
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<td>none</td>
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<tr>
<td>COMM 2440</td>
<td>3</td>
<td>A</td>
<td>COMM/AR/FLM/ ENGL 1800</td>
</tr>
<tr>
<td>COMM 2525</td>
<td>4</td>
<td>F, Sp</td>
<td>COMM/AR 2440</td>
</tr>
<tr>
<td>COMM 2570</td>
<td>4</td>
<td>F, Sp</td>
<td>none</td>
</tr>
</tbody>
</table>

MASS COMMUNICATION ELECTIVES FOR ALL EMPHASES:

Number of credits needed will vary based on emphasis. The total minimum credits to graduate are 63.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1020</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1120</td>
<td>4</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1130</td>
<td>4</td>
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<td>none</td>
</tr>
<tr>
<td>COMM 1250</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1350</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1520</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1620</td>
<td>3</td>
<td>F, Sp</td>
<td>COMM 1610 or 1130</td>
</tr>
<tr>
<td>COMM 1630</td>
<td>3</td>
<td>F, Sp</td>
<td>COMM/AR/FLM/ ENGL 1800</td>
</tr>
<tr>
<td>COMM 2000</td>
<td>4</td>
<td>F, Sp</td>
<td>COMM/AR/FLM/ ENGL 1800 pref</td>
</tr>
<tr>
<td>COMM 2200</td>
<td>4</td>
<td>F, Sp</td>
<td>COMM/AR/FLM/ ENGL 1800 pref</td>
</tr>
<tr>
<td>COMM 2300</td>
<td>3</td>
<td>F, Sp</td>
<td>COMM 2200 or approval and COMM 1130 pref</td>
</tr>
<tr>
<td>COMM 2400</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
</tbody>
</table>

COMM 2440 Web Site Design 3 A COMM/ART/FLM/ ENGL 1800

COMM 2510 Adv Video Prod-Doc 4 F, Sp COMM 2200 or FLM 1055 or approval

COMM 2530 Web Site Promotion 4 F, Sp COMM/ART 2440

COMM 2560 Adv Radio Prod 3 F, Sp COMM 1560

COMM 2570 Intro to Visual Comm 4 F, Sp none

COMM 2590 Adv Media & Sales 3 F, Sp none

COMM 2990 Second Year Proj 4 A COMM 2200 or COMM 1560

JRN 2000 Jrn CO-OP/Internship 3 F, Sp approval

ART 1810 Inter Photoshop/Multimed 2 F, Sp COMM/ART/FLM/ ENGL 1800

ART 2610 Multimedia Authoring 2 F, Sp COMM/ART 2440

NOTES: COMM 3060 Transfer Interest Group (TIG) course offered to SLCC COMM majors by University of Utah; is required for COMMStep students; offered on Taylorsville Redwood Campus in spring.

* These courses articulate to other USHE Communication Programs. Consult an advisor in advance for transfer information for other USHE institutions.

† COMM 1610 and COMM 1130 can be substituted for each other in the Communication program at SLCC. Consult an advisor in advance to find out which course transfers to your intended USHE receiving institution.

SAMPLE SCHEDULE - MASS COMMUNICATION

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
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<tbody>
<tr>
<td>COMM 1010 CM IN 3 3</td>
<td>COMM 1500 3</td>
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<tr>
<td>MASS COMM REQ. 3-4</td>
<td>MASS COMM REQ. 3-4</td>
</tr>
<tr>
<td>COMM 1800 4</td>
<td>LIFEGT WLS (LW) 1</td>
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<tr>
<td>MTH 1030 3</td>
<td>CIS 1020 3</td>
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<tr>
<td>ENGL 1010 2</td>
<td>AM INSTITUT (AI) 3</td>
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<tr>
<td>TOTAL 16-16</td>
<td>DIST 3-4</td>
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<tr>
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<td>Total 16-18</td>
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<tr>
<td>THIRD SEMESTER</td>
<td>FOURTH SEMESTER</td>
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<td>ENGL 2010 (EN) 3</td>
<td>MASS COMM REQ. 3-4</td>
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<tr>
<td>COMM 1800 3</td>
<td>COMM 2500 4</td>
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<td>DIST 3-4</td>
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<td>DIST 3-4</td>
<td>MASS COMM ELECT 3-4</td>
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<tr>
<td>TOTAL 15-18</td>
<td>TOTAL 16-20</td>
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</table>

* For emphasis-specific sample schedules, please see the Communication Department website at www.slcc.edu/communication or consult with your advisor.

SPEECH COMMUNICATION

(minimum 63 credits to graduate)

Please Note: classes from “A” and “B” must total a minimum of 15 credits

A. Major Course Requirements

6 to 9 credits required, chosen from the following three courses (*) which articulate to the Communication Major at the University of Utah. Students are encouraged to take all three courses.

<table>
<thead>
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<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>COMM 1020*</td>
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<td>A</td>
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</tr>
<tr>
<td>COMM 1120</td>
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<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1130*</td>
<td>4</td>
<td>F, Sp</td>
<td>none</td>
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<tr>
<td>COMM 1250</td>
<td>3</td>
<td>F, Sp</td>
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</tr>
<tr>
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<td>F, Sp</td>
<td>COMM 1610 or 1130</td>
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<td>COMM 1630</td>
<td>3</td>
<td>F, Sp</td>
<td>COMM/AR/FLM/ ENGL 1800</td>
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<tr>
<td>COMM 2000*</td>
<td>4</td>
<td>A</td>
<td>approval</td>
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<td>4</td>
<td>F, Sp</td>
<td>COMM/AR/FLM/ ENGL 1800 pref</td>
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<td>COMM 2300</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
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<tr>
<td>COMM 2400</td>
<td>3</td>
<td>F, Sp</td>
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</table>

B. Speech Communication Choices

6-10 credits—2-4 courses—chosen from the following:

<table>
<thead>
<tr>
<th>COURSE</th>
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<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>COMM 1080</td>
<td>3</td>
<td>F, Sp</td>
<td>Conflict Mngt/Divers (SS, DV)</td>
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<tr>
<td>COMM 1120</td>
<td>3</td>
<td>F, Sp</td>
<td>Principles of Interviewing</td>
</tr>
<tr>
<td>COMM 2000</td>
<td>3</td>
<td>F, Sp</td>
<td>COMM/AR 2440</td>
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<tr>
<td>COMM 2120</td>
<td>3</td>
<td>F, Sp</td>
<td>Small Group Communication</td>
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<td>COMM 2410</td>
<td>3</td>
<td>A</td>
<td>Intercultural Comm (ID, DV)</td>
</tr>
<tr>
<td>COMM 2170</td>
<td>3</td>
<td>F, Sp</td>
<td>Organizational Comm</td>
</tr>
<tr>
<td>COMM 2020</td>
<td>3</td>
<td>F, Sp</td>
<td>Persuasion</td>
</tr>
</tbody>
</table>
C. Electives
13-14 credits from any college level course numbered 1000 or above.

Transfer / Articulation Information: Admission into a major program at a USHE transfer institution depends on meeting that institution’s requirements for the specific major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information as early as possible to avoid taking classes that will not transfer.

NOTE: COMM 3060 Transfer Interest Group (TIG) course offered to SLCC COMM majors by University of Utah; is required for COMMStep students; offered on Taylorsville Redwood Campus in spring.

<table>
<thead>
<tr>
<th>SAMPLE SCHEDULE - SPEECH COMMUNICATION</th>
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<tbody>
<tr>
<td><strong>FIRST SEMESTER</strong></td>
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<tr>
<td>COMM 1010 CM IN 3</td>
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<tr>
<td>MASS COMM REQ 3-4</td>
</tr>
<tr>
<td>COMM 1800 4</td>
</tr>
<tr>
<td>MTH 1030 3</td>
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<td><strong>TOTAL</strong> 16-18</td>
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<tr>
<td><strong>THIRD SEMESTER</strong></td>
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<tr>
<td>ENGL 2010 (EN) 3</td>
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<td>MASS COMM REQ 3-4</td>
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<td>COMM 1820 3</td>
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<td>DIST 3-4</td>
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<tr>
<td>DIST 3-4</td>
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<tr>
<td><strong>TOTAL</strong> 15-18</td>
</tr>
</tbody>
</table>

COMPUTER ENGINEERING
SEE ENGINEERING.

COMPUTER INFORMATION SYSTEMS

Taylorsville Redwood Campus, BB 109 (801) 957-5150
General Information (801) 957-5150
Academic Advisor, BB 132A (801) 957-4323

Professors: G. Jimmy Chen, Gordon Frisbey, Susumu Kasai, Randy Koziatek, Lorna Wells, Bruce Worthen
Associate Professors: Marilyn Hibbert, Phil Nielson

THE PROGRAM

The Computer Information Systems Associate of Applied Science program prepares students for professional careers in the information systems field as program designers, programmer/analysts or systems analysts. Graduates perform detailed program design, coding, testing, documentation and implementation of commercially-oriented information systems. The program develops a student’s ability to conceptualize, design and implement information systems. Job opportunities include:

- Computer and information systems managers
- Computer programmers
- Computer software engineers
- Computer support specialists
- Computer systems analysts
- Database administrators
- Database designers
- Market research analysts
- Network and computer systems administrators
- Network systems and data communications analysts
- Web programmer and developers

TRANSFER INFORMATION

The Computer Information Systems Associate of Science degree prepares students for transfer to all four-year institutions. In addition, students transferring to Weber State University Computer Science Bachelor’s degree program can take courses offered evenings at SLCC through the University Center. For further information contact the University Center at (801) 957-4824.

Preparing for transfer requires advance research and planning by students. Please contact the School of Business Academic Advisor, (801) 957-4323.

GRADE REQUIREMENT

*In this program, students must complete CIS 1030 and CIS 1130 with a 2.0 cumulative grade point average (CPSA) in all CIS courses. Students who do not maintain a 2.5 cumulative grade point average may not continue in the program without approval of the Division Chair. Grades less than 2.0 will not be credited toward graduation. Success highly depends upon students being able to type at least 35 words per minute. It is recommended that CIS students who need improvement take appropriate keyboarding and skill building courses.

CERTIFICATION

To be successful in the computer industry students need broad, foundational problem solving skills provided by academic degrees that give breadth of knowledge to obtain employment as well as preparation for certification exams. Industry certifications are a very positive development in the computer field, but are intended to be a supplement to academic training, not a substitute for it. Many certification tests assume students have significant computer experience and are intended only to offer an in-depth examination of a specific version of software.
PREPARATION NOTE
Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete a certificate or degree. The classes designed to assist students in reaching the skill level necessary to enter the certificate and degree programs are WRTG 0990 (College Preparatory Writing), and MATH 1010 (Intermediate Algebra). Placement testing will be done upon entry to the College unless students have had prior college-level experience.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. Students without prerequisite class skills are at a disadvantage and may be required to repeat the course after satisfying the prerequisites.

Students who wish to take the CIS 1020 Computer Essentials challenge exam are advised to review information at www.slcc.edu/cis. An 80% or higher is required on each section of the test. Once an exam is passed a P is posted to the transcript and credit is awarded.

ELECTIVE OPTIONS
Cooperative Education is the College’s program for recognizing and rewarding new learning associated with study-related employment in a business, industrial, or government work environment. Credit earned from CIS 2000 is applied toward graduation requirements as CIS elective credit. CIS major and sophomore standing are requirements for Cooperative Education in the CIS department.

The Department strongly recommends that students enhance their employment opportunities through Cooperative Education as soon as skills permit, to complement the certificate or degree. Contact CO-OP Office at (801) 957-4014.

CLASS AVAILABILITY
The semester in which courses are taught is listed below. Students should check the semester class schedule for day/ evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

The Computer Information Systems Associate of Science Degree prepares students for transfer to a four-year institution in Information Systems, Computer Science, or related fields. Graduates are trained in a broad range of skills in information systems to prepare a student for transfer for further study towards a bachelor or other advanced degrees.

TRANSFER INFORMATION
The AS degree is designed to transfer to all four-year institutions. Preparing for a smooth transition to a four-year college or university requires advance research and planning by students. Requirements for four-year universities and colleges are subject to change; ongoing planning is essential. A course articulation exists with Weber State University Computer Science Department. This program is offered in the evening at SLCC through the University Center. Two tracks offered include: Computer and Network Security

SOFTWARE ENGINEERING
Transfer requirements are available at the University Center in the Construction Trade Building Room 272, or in the Student Center Room 240 in the Transfer Center files.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro To Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 2010 Intern Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
<tr>
<td>QUANTITATIVE LITERACY</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*MATH 1210 Calculus I</td>
<td>4</td>
<td>A</td>
<td>MATH 1060 w/C or appropriate CPT score</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<tr>
<td>AMERICAN INSTITUTIONS (3 CREDITS)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>HIST 1700 Amer Civilization</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>POLS 1100 US Gov &amp; Politics</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
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INSTITUTIONAL REQUIREMENTS

<table>
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<tr>
<th>LIFE LONG WELLNESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLAC ____________</td>
</tr>
</tbody>
</table>

STUDENT CHOICE (3 CREDITS)

COMM 1010 is required for Weber State University.

COMPUTER LITERACY

DISTRIBUTION AREAS
Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS) 3 A
Fine Arts (FA) 3 A
Humanities (HU) 3 A
Interdisciplinary (ID) 3 A
Physical Science (PS) 3 A
Social Science (SS) 3 A

Interdisciplinary except CIS 1430.

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>*CIS 1030 Obj-Oriented Pro I</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1020 or concurrent</td>
</tr>
<tr>
<td>*CIS 1130 Obj-Oriented Pro II</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1130 or concurrent</td>
</tr>
<tr>
<td>CIS 1135 Obj-Ori Analy/Dsgn</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1430</td>
</tr>
<tr>
<td>CIS 1430 Intern/HTML Endtls</td>
<td>3</td>
<td>F</td>
<td>CIS 1020 or competency</td>
</tr>
<tr>
<td>CIS 2150 Comp Organization</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1030 and CIS 1130 or concurrent</td>
</tr>
<tr>
<td>CIS 2350 UNIX/Linux</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1020 or comp</td>
</tr>
<tr>
<td>CIS 2730 C-Prog w/Objects</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1135</td>
</tr>
<tr>
<td>CIS 2410 Ntwk Hard Conf</td>
<td>3</td>
<td>F</td>
<td>CIS 1430</td>
</tr>
<tr>
<td>CIS 2430 Web Programming</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1430</td>
</tr>
<tr>
<td>CIS 2600 Fund of DB Mgmt</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1030 or concurrent</td>
</tr>
<tr>
<td>*CIS 1303 and CIS 1130 must be completed with a B grade or better.</td>
<td></td>
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</tr>
</tbody>
</table>

ADDITIONAL TRANSFER REQUIREMENTS
In order to transfer to WSU upper division coursework, additional courses are required beyond the AS degree; they can be taken at SLCC prior to transferring to the WSU program. The 2 tracks are Network Security and Administration and Software Engineering.
ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN COMPUTER INFORMATION SYSTEMS/COMPUTER PROGRAMMING AND DESIGN EMPHASIS

(minimum 66 hours required)

This emphasis is for professional careers in the information systems field. Opportunities include positions such as programmers, program designers, programmer/analysts or system analysts. Graduates are trained to perform detailed program designing, coding, testing, documentation and implementation of commercially oriented information systems.

GENERAL EDUCATION REQUIREMENTS

COURSE CR SEM PREREQUISITES

CORE SKILLS

ENGL 2100 Technical Writing 3 A ENGL 1010 w/C or better

COMPOSITION

MATH 1050 College Algebra 4 A MATH 1010 w/C or better or appropriate CPT score

QUANTITATIVE STUDIES

MATH 1090 College Alg Bus 3 A MATH 1010 w/C or better or appropriate CPT score

COMMUNICATION

COMM 1010 Elem of Eff Comm 3 A none

HUMAN RELATIONS

MKTG 1010 Customer Serv 2 A none

DISTRIBUTION AREAS

Choose an additional six credit hours from at least two of the following distribution areas:

**Biological Science (BS)** 3-4 A RDG 0900 w/C or better

**Fine Arts (FA)** 3 A none

**Humanities (HU)** 3 A none

**Interdisciplinary (ID)** 3 A none

**Physical Science (PS)** 3 A none

**Social Science (SS)** 3 A none

*Except CIS 1430.*

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR SEM</th>
<th>PREREQUISITES</th>
</tr>
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<tbody>
<tr>
<td>BUS 2200 Bus Communications</td>
<td>3 A</td>
<td>ENGL 1010 w/C or better</td>
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<tr>
<td>CIS 1030 Obj-Oriented Pro I</td>
<td>3 F, Sp</td>
<td>CIS 1020 or concurrent</td>
</tr>
<tr>
<td>CIS 1130 Obj-Oriented Pro II</td>
<td>3 F, Sp</td>
<td>CIS 1130 or concurrent</td>
</tr>
<tr>
<td>CIS 1135 Obj-Ori Analy/Dsgn</td>
<td>3 F, Sp</td>
<td>CIS 1130 or concurrent</td>
</tr>
<tr>
<td>CIS 1430 Intern/HTML Faddls</td>
<td>3 F</td>
<td>CIS 1020 or competency</td>
</tr>
<tr>
<td>CIS 1520 Operating Systems</td>
<td>3 F, Sp</td>
<td>CIS 1020 or competency</td>
</tr>
<tr>
<td>CIS 2150 Comp Organization</td>
<td>3 F, Sp</td>
<td>CIS 1030 and CIS 1130 or concurrent</td>
</tr>
<tr>
<td>CIS 2600 Fund of DB Mgmt</td>
<td>3 F, Sp</td>
<td>CIS 1030 or concurrent</td>
</tr>
<tr>
<td>CIS 2730 C++ Prog w/Objs</td>
<td>3 F, Sp</td>
<td>CIS 1135 or concurrent</td>
</tr>
<tr>
<td>CIS 2760 Java I</td>
<td>3 F, Sp</td>
<td>CIS 1135 or Concurrent</td>
</tr>
<tr>
<td>CIS 2800 Bus Sys Design</td>
<td>3 F, Sp</td>
<td>CIS 2600, and CIS 2760 or CIS 2730</td>
</tr>
</tbody>
</table>

*Exc & JRT 1050 and CIS 1130 must be completed with a B grade or better.

ELECTIVES (15 CREDITS)

ACCT 1110 Financial Acct I 3 A none
| CIS 2000 CO-OP | 2-4 A | instructor's approval |
| CIS 2100 BusComp/Prof DBase | 3 F, Sp | CIS 1020 or comp |
| CIS 2350 UNIX/Linux | 3 F, Sp | CIS 1020 or comp |
| CIS 2410 Adv Sprdst App | 3 Sp | CIS 1020 or comp |
| CIS 2420 Ntwk Hard Conf | 3 Sp, F | CIS 1430 |
| CIS 2430 Web Programming | 3 Sp | CIS 1430 |
| CIS 2460 Ntwk Mgmt | 3 Sp | CIS 1430 |
| CIS 2510 Data Base Prog | 3 F, Sp, F | CIS 1030, CIS 1250, CIS 2010 |
| CIS 2650 ORACLE | 3 Sp | CIS 2010 |
| CIS 2735 Win App Prog | 3 F, Sp | CIS 2730 |
| CIS 2770 Java II | 3 F, Sp | CIS 2760 |
| CIS 2990 Current Topics | 1-3 F, Sp | instructor's approval |
| FIN 1860 Financial Math | 3 A | MATH 0990 or CPT |
| MKTG 1030 Intro to Mkrg | 3 A | none |
| MKTG 1050 Consumerism | 3 A | none |

SAMPLE SCHEDULE

ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN COMPUTER INFORMATION SYSTEMS WEB/PROGRAMMING AND DEVELOPMENT EMPHASIS

(minimum 63 hours required)

This emphasis is for professional careers in the Web Programming and Development area of the information systems field. Work titles include web programmer, web designer and web engineer. Fundamentals of business as well as technical skills are...
emphasized, in order to utilize Web Programming and Development effectively in a business environment. The “business to consumer” and “business to business” paradigms are explored. Graduates are trained in the technical aspects of web site management, preparation, development and implementation.

**GENERAL EDUCATION REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tr>
<td><strong>CORE SKILLS</strong></td>
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<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td><strong>QUANTITATIVE STUDIES</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 1010 Intermd Algebra</td>
<td>4</td>
<td>A</td>
<td>MATH 0990 w/c or better or appropriate CPT score</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN 1310 Financial Math</td>
<td>3</td>
<td>A</td>
<td>MATH 0990 w/c or better or appropriate CPT score</td>
</tr>
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**COMMUNICATION**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1110 Elem of Efl Comm</td>
<td>3</td>
<td>A</td>
<td>none</td>
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</tbody>
</table>

**HUMAN RELATIONS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>MKTG 1010 Customer Serv</td>
<td>2</td>
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<td>none</td>
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<tr>
<td>OR</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>MKTG 1100 Profssnls in Bus</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

**DISTRIBUTION AREAS**

Choose an additional six credit hours from at least two of the following distribution areas:

- Biological Science (BS) 3-4 A RDG 0900 w/c or better
- Fine Arts (FA) 3 A none
- Humanities (HU) 3 A none
- Interdisciplinary (ID) 3 A none
- Physical Science (PS) 3 A none
- Social Science (SS) 3 A none

Interdisciplinary: Recommend BUS 1050.

Social Sciences: Recommend ECON 1110.

See General Education section for options in each of these categories.

**MAJOR COURSE REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ACCT 1110 Financial Acct I</td>
<td>3</td>
<td>A</td>
<td>none</td>
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<tr>
<td>ART 1850 Digital Media Essentials</td>
<td>4</td>
<td>A</td>
<td>ART 1850</td>
</tr>
<tr>
<td>*CIS 1010 Obj-Oriented Pro I</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1020 or comp</td>
</tr>
<tr>
<td>*CIS 1130 Obj-Oriented Pro II</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1030</td>
</tr>
<tr>
<td>CIS 1430 Intern/HTML/Fudlts</td>
<td>3</td>
<td>F</td>
<td>CIS 1020 or competency</td>
</tr>
<tr>
<td>CIS 1555 SQL Programming</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1020/1055 or comp</td>
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<tr>
<td>CIS 2150 Computer Organization</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1310</td>
</tr>
<tr>
<td>CIS 2350 UNIX/Linux</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1020 or comp</td>
</tr>
<tr>
<td>CIS 2410 Ntwk Hard Conf</td>
<td>3</td>
<td>F, F</td>
<td>CIS 1430</td>
</tr>
<tr>
<td>CIS 2430 Web Programming</td>
<td>3</td>
<td>F</td>
<td>CIS 2420</td>
</tr>
<tr>
<td>CIS 2470 JSP, Java Servlets</td>
<td>3</td>
<td>F, Sp</td>
<td>concurrent w/CIS 1355</td>
</tr>
<tr>
<td>MGT 1100 Small Business Mgmt</td>
<td>3</td>
<td>A</td>
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**ELECTIVES (8 CREDITS)**

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<tr>
<th>COURSE</th>
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<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>CIS 1025 Database Design &amp; Proc</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1020</td>
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<tr>
<td>CIS 1135 Obj-Oriented Analysis/Design</td>
<td>3</td>
<td>A</td>
<td>CIS 1320</td>
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<tr>
<td>CIS 1420 Operating Systems</td>
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<td>A</td>
<td>none</td>
</tr>
<tr>
<td>CIS 2650 Fund of Database Mgt</td>
<td>3</td>
<td>A</td>
<td>CIS 1030</td>
</tr>
<tr>
<td>CIS 2650 Oracle</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 2010</td>
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<tr>
<td>CIS 2990 Special Topics</td>
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<tr>
<td>ART 2140 Advanced Photoshop</td>
<td>2</td>
<td>A</td>
<td>ART 1360 or ART 1810 or ART 2440</td>
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<tr>
<td>ART 2610 Multimedia Authoring</td>
<td>2</td>
<td>A</td>
<td>ART 2440</td>
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*CIS 1030 and CIS 1130 must be completed with a B or better.

### SAMPLE SCHEDULE

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<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
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<tr>
<td>ACCT 1110 3</td>
<td>CIS 1130 3</td>
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<tr>
<td>CIS 1030 3</td>
<td>CIS 2430 3</td>
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<td>CIS 1430 3</td>
<td>ART 1800 3</td>
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<td>COMM 1010 3</td>
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<td>MKTG 1960 3</td>
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<tr>
<td>OR</td>
<td>OR</td>
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<td>FIN 1380 3</td>
<td>MKTG 1010 2</td>
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<tr>
<td>TOTAL 15-16</td>
<td>TOTAL 14-15</td>
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### ASSOCIATE OF APPLIED SCIENCE (CTE) DEGREE IN COMPUTER INFORMATION SYSTEMS/DATABASE DESIGN, MANAGEMENT & ADMINISTRATION EMPHASIS

(minimum 63 hours required)

The program provides academic and technical training necessary for students to gain entry-level positions in database analysis, design, and application development in both private and public organizations where daily business operations relies significantly on database management systems.

Information Management is relevant to every organization (public, private, for profit, non-profit, small business, large businesses). This program trains individuals with the skills needed to manage this information. Database managers and administrators are in short supply and in high-demand. This is a dynamic, changing field. Individuals would be required to develop databases, analyze them, and extract relevant data which would be required to allow businesses to be viable.

**GENERAL EDUCATION REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
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</table>

**QUANTITATIVE STUDIES**

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<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1010 Intermd Algebra</td>
<td>4</td>
<td>A</td>
<td>MATH 0990 w/c or better or appropriate CPT score</td>
</tr>
</tbody>
</table>

**COMMUNICATION**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1110 Elem of Efl Comm</td>
<td>3</td>
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<td>none</td>
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**HUMAN RELATIONS**

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<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>MKTG 1010 Profssnls in Bus</td>
<td>3</td>
<td>A</td>
<td>none</td>
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</tbody>
</table>

**DISTRIBUTION AREAS**

Choose an additional six credit hours from at least two of the following distribution areas:

- Biological Science (BS) 3-4 A RDG 0900 w/c or better
- Fine Arts (FA) 3 A none
- Humanities (HU) 3 A none
- Interdisciplinary (ID) 3 A none
- Physical Science (PS) 3 A none
- Social Science (SS) 3 A none

*Except CIS 1430.

See General Education section for options in each of these categories.
MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>CIS 1010 Obj-Oriented Pro I</td>
<td>3</td>
<td>E, Sp</td>
<td>CIS 1020 or concurrent</td>
</tr>
<tr>
<td>CIS 1055 Fund of DB Design</td>
<td>3</td>
<td>A</td>
<td>CIS 1020 or comp</td>
</tr>
<tr>
<td>CIS 1430 Intern/HTML Fndths</td>
<td>3</td>
<td>F</td>
<td>CIS 1020 or competency</td>
</tr>
<tr>
<td>CIS 1555 SQL Programming</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1035 or concurrent</td>
</tr>
<tr>
<td>CIS 2010 BusCompProf DBase</td>
<td>3</td>
<td>A</td>
<td>CIS 1020 or comp or Challenge exam</td>
</tr>
<tr>
<td>CIS 2350 UNIX/Linux</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1020 or comp</td>
</tr>
<tr>
<td>CIS 2410 Adv Srpst App</td>
<td>3</td>
<td>Sp</td>
<td>CIS 1020 or comp or Challenge exam</td>
</tr>
<tr>
<td>CIS 2430 Web Programming</td>
<td>3</td>
<td>Sp</td>
<td>CIS 2410</td>
</tr>
<tr>
<td>CIS 2550 Data Base Prog</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1030, CIS 1250, CIS 2010</td>
</tr>
<tr>
<td>CIS 2600 Fund. Datab. Mgmt</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1030 or concurrent</td>
</tr>
<tr>
<td>CIS 2650 Oracle Datab. Dev.</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1355</td>
</tr>
<tr>
<td>MKTG 1030 Cast Serv Tech</td>
<td>2</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 2100 Tech Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
</tbody>
</table>

Electives | 7

*CIS 1030 and CIS 1130 must be completed with a B grade or better.

ELECTIVES (7 CREDITS)

| ACCT 1110 Financial Acct I | 3 | A | none |
| BUS 2200 Bus Communications | 3 | A | ENGL 1010 w/C or better |
| CIS 1520 Operating Systems | 3 | F, Sp | CIS 1020 or comp |
| CIS 1900 Special Projects | 2-4 | A | none |
| CIS 2050 CO-OP | 2-4 | A | approval |
| CIS 2420 Net Hard Con | 3 | F, Sp | CIS 1430 |
| CIS 2650 ORACLE | 3 | Sp | CIS 2010 |
| CIS 2990 Current Topics | 1-3 | F, Sp | approval |
| FIN 1380 Financial Math | 3 | A | MATH 0990 or CPT |
| MKTG 1030 Intro to Mkgt | 3 | A | none |
| MKTG 1050 Consumerism | 3 | A | none |

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 1030</td>
<td>CIS 1055</td>
</tr>
<tr>
<td>CIS 1055</td>
<td>CIS 1430</td>
</tr>
<tr>
<td>CIS 2010</td>
<td>COMM 1010</td>
</tr>
<tr>
<td>ENGL 1010</td>
<td>MKTG 1960</td>
</tr>
<tr>
<td>MATH 1010</td>
<td>ENGL 2100</td>
</tr>
<tr>
<td>OR</td>
<td>ELEC 3</td>
</tr>
<tr>
<td>FIN 1380</td>
<td>TOTAL 15-16</td>
</tr>
<tr>
<td>TOTAL 15-16</td>
<td>2ND SPRING SEMESTER</td>
</tr>
<tr>
<td>CIS 2600</td>
<td>CIS 2350</td>
</tr>
<tr>
<td>CIS 2550</td>
<td>CIS 2410</td>
</tr>
<tr>
<td>MKTG 1010</td>
<td>CIS 2430</td>
</tr>
<tr>
<td>DIST</td>
<td>CIS 2650</td>
</tr>
<tr>
<td>TOTAL 14</td>
<td>ELECTIVES 4</td>
</tr>
<tr>
<td>TOTAL 16</td>
<td></td>
</tr>
</tbody>
</table>

CERTIFICATE OF COMPLETION/CTE BUSINESS & PERSONAL COMPUTING
(minimum 33 hours required)

This Certificate of Completion provides students foundational and necessary skills in Business and Personal Computing. Upon completion of the program, students will learn the skills necessary to manage their own personal computing needs as well as some of the fundamental skills necessary in business.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 1070 Living in a Digital World</td>
<td>3</td>
<td>E, Sp</td>
<td>none</td>
</tr>
<tr>
<td>CIS 1430 Intern/HTML Fndths</td>
<td>3</td>
<td>F</td>
<td>CIS 1020 or competency</td>
</tr>
<tr>
<td>CIS 1520 Operating Systems</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1020 or comp</td>
</tr>
<tr>
<td>CIS 2010 BusCompProf DBase</td>
<td>3</td>
<td>F, Sp</td>
<td>CIS 1020 or comp or Challenge Exam</td>
</tr>
<tr>
<td>CIS 2410 Adv Srpst App</td>
<td>3</td>
<td>Sp</td>
<td>CIS 1020 or comp</td>
</tr>
<tr>
<td>BUS 1050 Foundations of Business</td>
<td>3</td>
<td>F, Sp</td>
<td>Concur w/ENGL 1010</td>
</tr>
<tr>
<td>FIN 1010 Personal Finance</td>
<td>3</td>
<td>F, Sp</td>
<td></td>
</tr>
<tr>
<td>CIS 1030 Connected Computing</td>
<td>3</td>
<td>F, Sp</td>
<td></td>
</tr>
</tbody>
</table>

CHOOSE ONE OF THE FOLLOWING

| CS 1031 Open Ssrc Windows Desktop | F, Sp | CIS 1030 concurrent |
| CS 1032 Open Ssrc Linux Desktop | F, Sp | CIS 1030 concurrent |
| CS 1033 Open Ssrc Mac Desktop | F, Sp | CIS 1030 concurrent |

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 1070</td>
<td>BUS 1050</td>
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<tr>
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<td>CIS 2010</td>
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<td>CIS 1520</td>
<td>CIS 2410</td>
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<td>FIN 1050</td>
<td>FIN 1380</td>
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<tr>
<td>ENGL 1010</td>
<td>CIS 1030</td>
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<tr>
<td>MKTG 1010</td>
<td>CIS 2650</td>
</tr>
<tr>
<td>TOTAL 17</td>
<td>TOTAL 16</td>
</tr>
</tbody>
</table>

COMPUTER SCIENCE

Computer Sciences and Information Systems
Taylorsville Redwood Campus, SI 205, (801) 957-4551
Academic Advisor SI 209 (801) 957-4585
www.cs.slc.edu/cs

Associate Professors: Paul Anstall, Robert Baird
Assistant Professor: David Moss
Instructors: Dan Pope

THE DEPARTMENT

The IEEE and the Association for Computing Machinery (ACM) in the Computing Curricula 2005: The Overview Report have identified these major computing disciplines:

1. Electrical Engineering
2. Computer Engineering
3. Computer Science
4. Software Engineering
5. Information Technology
6. Information Systems

The degrees offered by the Computer Sciences and Information Systems department at Salt Lake Community College focus on the areas of Computer Science and Information Technology (Network Systems). The degree offerings are designed for transfer to 4-year institutions throughout the state of Utah, and share these elements in the SLCC CSIS body of knowledge:

- Teamwork
- Desktop operating systems
- Technical skills
- The web
- Disaster recovery
- Hardware
- Database
- Legal issues
- Information literacy
- Computer literacy

JOB OUTLOOK

Out of the top 10 jobs listed in the Bureau of Labor Statistics 2006-2016 Job Forecast (released 7 Dec 2007), 5 of them are directly related to the Computer Sciences and Information Systems department. In fact, job #1 on the list is network systems and data communications analysts. BLS projects a 53.4% increase in jobs in the period, from 262,000 in 2006 to 402,000 in 2016.
PREPARATION NOTE
Students who need to take preparatory classes to meet the requirements for the first semester should plan on extra time to complete the program.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. Students with significant work experience or background knowledge may wish to contact the Department Chair to see if a prerequisite may be waived.

COOPERATIVE EDUCATION
Cooperative education is the College’s strategy for recognizing and rewarding new learning associated with study-related employment in a business, industrial or government work environment. Computer Science students wishing to take CS 2000 need to be on-campus 4 distinct times throughout the semester. The first meeting will be the CS Department Cooperative Education Orientation, where students will see previous projects, understand how the cooperative education process works, and discuss course expectations. Students wishing to take CS 2000 should complete the prerequisite, register for the course, and attend the scheduled meeting days and times for the course. For additional information, visit the Computer Science department web page.

CLASS AVAILABILITY
The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

TRANSFER INFORMATION
Listed below are recommended general education and CS elective courses. For specific transfer information, visit the CSIS Academic Advisor and/or visit the CSIS department web page.

UNIVERSITY OF UTAH
Student Choice, use a depth course in Fine Arts, Humanities, or Social Science. Biology 1010/1015, MATH 1220 and PHYS 2210.

UTAH STATE UNIVERSITY
COMM 1020, PHIL 1130, MATH 1220, PHYS 2210/2215 and PHYS 2220/2225.

UTAH VALLEY UNIVERSITY
COMM 1020, COMM 2110, MATH 1220, PHYS 2210/2215, and PHYS 2220/2225.

WEBER STATE UNIVERSITY
Student Choice, select a COMM course. ENGL 2010, MATH 1040 or 1220, CS 1200 and CS 1201 or CS 1202, CIS 2340, CIS 2600.

WESTMINSTER
ENGL 1010, COMM 1020, LANG 1010 and 1020, and MATH 1220.

COMPUTER SCIENCE PROGRAMMING

THE PROGRAM
Following IEEE and ACM Computing Curricula guidelines, the Computer Science degree is designed to fulfill the first two years of a Baccalaureate of Science degree in Computer Science. Throughout the program, students will learn to design, document, test, and implement software solutions following contemporary object-oriented principles. Common algorithms, design patterns, data structures, discrete structures, and user interface principles will also be covered.

MISSION STATEMENT
The Computer Science degree at Salt Lake Community College prepares future software engineers through a hands-on team-centered approach to design, implement and test software using a contemporary object oriented language so they can enter the workforce and/or pursue a Bachelor’s degree in Computer Science.

This is accomplished by following the SLCC CS Software Engineering Model:

1. Problem statement and glossary
2. Use case and scenarios
3. Activity diagram
4. Preliminary UI design
5. Role/object mapping
6. Sequence/collaboration diagram
7. Class diagram
8. Static model
9. UI design
10. Data store
11. Documentation
12. Unit tests
13. Code
14. Integration testing
15. Acceptance testing

TRANSFER INFORMATION
The Computer Science degree is designed to seamlessly transfer to Computer Science programs throughout the state of Utah, including Dixie State College, Southern Utah University, University of Utah, Utah State University, Utah Valley University, Weber State University and Westminster College. For specific transfer information, visit the CSIS Academic Advisor and/or visit the CSIS department web page.

COMPLETING THE LISTED REQUIREMENTS
Below results in receiving an ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 66 hours required)

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 1010 Intern Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
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<tr>
<td>OR</td>
<td></td>
<td></td>
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<tr>
<td>ENGL 2100 Technical Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
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<tr>
<td>QUANTITATIVE LITERACY</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 1210 Calculus I</td>
<td>4</td>
<td>A</td>
<td>MATH 1060</td>
</tr>
<tr>
<td>AMERICAN INSTITUTIONS (3 CREDITS)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 1700 Amer Civilization</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLS 1100 Am Ntl Govt</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better</td>
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</table>

INSTITUTIONAL REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>HLAC</td>
<td>1</td>
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<td>none</td>
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<tr>
<td>*STUDENT CHOICE (3 CREDITS)</td>
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<td></td>
</tr>
<tr>
<td>COMM 1010 Intro to Comm</td>
<td>3</td>
<td>A</td>
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</tbody>
</table>

*STUDENT CHOICE
See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>CS 1030 Connected Computing</td>
<td>3</td>
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<tr>
<td>CS 1032 Open Source Linux Dsktp</td>
<td>2</td>
<td>A</td>
<td>w/CS 1030</td>
</tr>
<tr>
<td>CS 1400 Comp Science Fundmnts</td>
<td>3</td>
<td>A</td>
<td>w/CS 1030</td>
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<tr>
<td>CS 1405 Design and OO Programming</td>
<td>1</td>
<td>A</td>
<td>w/CS 1400</td>
</tr>
<tr>
<td>CS 1410 Object Oriented Programming</td>
<td>3</td>
<td>A</td>
<td>CS 1400</td>
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<tr>
<td>CS 1415 Practical OO Programming</td>
<td>1</td>
<td>A</td>
<td>w/CS 1410</td>
</tr>
<tr>
<td>CS 2420 Algoths &amp; Data Structures</td>
<td>3</td>
<td>A</td>
<td>CS 1410</td>
</tr>
<tr>
<td>CS 2425 Code Analysis and Tuning</td>
<td>1</td>
<td>A</td>
<td>w/CS 2420</td>
</tr>
<tr>
<td>CS 2430 Discrete Structures</td>
<td>3</td>
<td>F, Sp</td>
<td>CS 2420</td>
</tr>
<tr>
<td>CS 2450 Software Engineering</td>
<td>3</td>
<td>F, Sp</td>
<td>CS 1410</td>
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<tr>
<td>CS 2860 Software Practicum</td>
<td>1</td>
<td>Sp</td>
<td>CS 2450, w/ Programming Elective</td>
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</table>

PROGRAMMING ELECTIVES

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>CS 2510 InterProg DELPHI</td>
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<td>Sp</td>
<td>CS 2420</td>
</tr>
<tr>
<td>CS 2520 InterProg VB</td>
<td>3</td>
<td>Sp</td>
<td>CS 2420</td>
</tr>
<tr>
<td>CS 2530 InterProg C#</td>
<td>3</td>
<td>F</td>
<td>CS 2420</td>
</tr>
<tr>
<td>CS 2540 InterProg in C++</td>
<td>3</td>
<td>F</td>
<td>CS 2420</td>
</tr>
<tr>
<td>CS 2550 Adv Java Prog</td>
<td>3</td>
<td>Sp</td>
<td>CS 2420</td>
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ELECTIVES

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<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>MATH 1220 Calculus II</td>
<td>4</td>
<td>A</td>
<td>MATH 1210</td>
</tr>
<tr>
<td>MATH 1040 Statistics</td>
<td>3</td>
<td>A</td>
<td>MATH 1210 and RDG 0900 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>PHYS 2210 Phys F/Sci &amp; Eng</td>
<td>1</td>
<td>4</td>
<td>A MATH 1210, w/PHYS 2215</td>
</tr>
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</table>

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>SEMESTER</th>
<th>CR</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>FALL</td>
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<tr>
<td>SPRING</td>
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<td>CS 1032</td>
<td>2</td>
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<tr>
<td></td>
<td>4</td>
<td>CS 1400</td>
<td>3</td>
</tr>
<tr>
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<td>1</td>
<td>ENGL 1010</td>
<td>3</td>
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<td>TOTAL</td>
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<tr>
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<td>CS 2420</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>CS 2450</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>AMER INST</td>
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<tr>
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<td>16</td>
<td>DISTRIBUTION</td>
<td>6</td>
</tr>
</tbody>
</table>

NETWORK SYSTEMS

IT - NETWORKING

THE PROGRAM

The relentless pace of technology and the critical dependence of today’s global businesses on technology have created two significant problems. For large businesses with dedicated IT staff, the problem is a lack of time for training IT professionals on new and emerging technologies. For smaller companies, the problem is even more acute: they also need cutting-edge technology, but can’t afford a separate IT staff. This means they must either outsource their IT—which can be a competitive disadvantage—or they rely on the “computer guru”, who is typically an individual with little to no formal IT training but likes computers and can solve some computer problems when they arise.

TRANSPORTER STATEMENT

The Network Systems degree at Salt Lake Community College prepares individuals with an appropriate blend of vendor-neutral base knowledge and practical, hands-on labs to become the lone IT staff member in a company of 50-75 employees.

This is accomplished in the following core areas of the Network Systems program:

- Data center
- Desktop management
- Email
- Operating systems
- Physical infrastructure
- Security
- Software management
- Storage
- Unified communication
- Virtualization

TRANSFER INFORMATION

The Network Systems degree is designed to seamlessly transfer to the Technology Management BS degree at Utah Valley University. Some individual classes transfer to Weber State University. For specific details, visit the CSIS Academic Advisor and/or the CSIS department web page.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
</tbody>
</table>

QUANTITATIVE STUDIES

MATH 1010 Intro to College Algebra | 4 | A | MATH 0990 and RDG 0900 w/C or better or appropriate placement |

COMMUNICATION

See pp. 23-27 for options

HUMAN RELATIONS

See pp. 23-27 for options

DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

- Biological Science (BS)
- Fine Arts (FA)
- Humanities (HU)
- Interdisciplinary (ID)
- Physical Science (PS)
- Social Science (SS)

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

Note: It is recommended to take the core and specialization course in the same semester.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 1030 Connected Computing</td>
<td>3</td>
<td>A</td>
<td>None</td>
</tr>
<tr>
<td>CS 1110 Data Cabling Basics</td>
<td>3</td>
<td>F, S</td>
<td>None</td>
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<tr>
<td>CS 1120 Server Management</td>
<td>4</td>
<td>F, S</td>
<td>CS 1120/1200</td>
</tr>
</tbody>
</table>

SLCC 2010-2011 GENERAL COLLEGE CATALOG  143
PREPARATION

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program.

PREREQUISITES

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

ELECTIVE OPTIONS

Twenty-four credit hours of vocational-technical credit may be awarded to those individuals who successfully complete POST certified peace officer basic and special functions reserve officer training.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should refer to the semester class schedule for day/evening availability and other modifications to the semester class schedule.

TRANSFER INFORMATION

Westminster requires COMM 1020.
Utah Valley University requires CJ 1300, CJ 2330, MATH 1050
Weber State University accepts CJ 1300, CJ 2330, MATH 1040

COMPLETING THE LISTED REQUIREMENTS


(mimum 14 hours required)

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 2010 Intern Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
<tr>
<td>MATH 1030 Quant Reas</td>
<td>3</td>
<td>A</td>
<td>MATH 1010 w/C or better</td>
</tr>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>HIST 1700 Amer Civilization</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>POLS 1100 US Gov &amp; Politics</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
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</table>

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLAC ___</td>
<td>1</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

STUDENT CHOICE (3 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1010 Elem of Eff Comm</td>
<td>3</td>
<td>A</td>
<td>none</td>
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</table>

COMPUTER LITERACY

<table>
<thead>
<tr>
<th>DISTRIBUTION AREAS (10 CREDITS)</th>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>Biological Science (BS)</td>
<td>7-4</td>
<td>A</td>
<td>RDG 0990 w/C or better</td>
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<tr>
<td>Fine Arts (FA)</td>
<td>3</td>
<td>A</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>Humanities (HU)</td>
<td>3</td>
<td>A</td>
<td>none</td>
<td></td>
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<tr>
<td>Interdisciplinary (ID)</td>
<td>3</td>
<td>A</td>
<td>none</td>
<td></td>
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<tr>
<td>Physical Science (PS)</td>
<td>3</td>
<td>A</td>
<td>none</td>
<td></td>
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<tr>
<td>Social Science (SS)</td>
<td>3</td>
<td>A</td>
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</table>

Social Science: PSY 1010 recommended for students transferring to Weber State University Psychology minor.
See pp. 23-27 for options in each of these categories.
MAJOR COURSE REQUIREMENTS (15 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>CJ 1010</td>
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<td>CJ 1330</td>
<td>3</td>
<td>A</td>
<td>Criminal Justice</td>
</tr>
<tr>
<td>CJ 1340</td>
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<td>Criminal Law</td>
</tr>
<tr>
<td>CJ 1350</td>
<td>3</td>
<td>A</td>
<td>Criminal Invest</td>
</tr>
<tr>
<td>CJ 2350</td>
<td>3</td>
<td>A</td>
<td>Intro to Forensic Sci</td>
</tr>
<tr>
<td>CJ 2370</td>
<td>3</td>
<td>A</td>
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ELECTIVES (15 CREDITS)

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<td>F</td>
<td>Intro to Corrections</td>
</tr>
<tr>
<td>CJ 1360</td>
<td>3</td>
<td>F</td>
<td>Homeland Security</td>
</tr>
<tr>
<td>CJ 1900</td>
<td>1-2</td>
<td>A</td>
<td>Special Studies</td>
</tr>
<tr>
<td>CJ 2000</td>
<td>2-4</td>
<td>F, Sp</td>
<td>CO-OP</td>
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<table>
<thead>
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<tr>
<td>CJ 2020</td>
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<td>F</td>
<td>CJ 1010</td>
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<tr>
<td>CJ 2060</td>
<td>3</td>
<td>F, Sp</td>
<td>Community Cor</td>
</tr>
<tr>
<td>CJ 2110</td>
<td>3</td>
<td>F</td>
<td>Intro Security</td>
</tr>
<tr>
<td>CJ 2130</td>
<td>3</td>
<td>F</td>
<td>Intro Comp Sec</td>
</tr>
<tr>
<td>CJ 2260</td>
<td>3</td>
<td>F</td>
<td>Cont Prison/Jail</td>
</tr>
<tr>
<td>CJ 2330</td>
<td>3</td>
<td>F</td>
<td>Juvenile Justice</td>
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<tr>
<td>CJ 2390</td>
<td>3</td>
<td>F</td>
<td>Traffic Law</td>
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<td>CJ 2410</td>
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<td>F</td>
<td>Intro Criminology</td>
</tr>
<tr>
<td>CJ 2420</td>
<td>3</td>
<td>F</td>
<td>Homicide Invest</td>
</tr>
<tr>
<td>CJ 2430</td>
<td>3</td>
<td>F</td>
<td>Satanism/Cults</td>
</tr>
<tr>
<td>CJ 2440</td>
<td>3</td>
<td>F</td>
<td>Organized Crime</td>
</tr>
<tr>
<td>CJ 2450</td>
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<td>F</td>
<td>Terrorism</td>
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<td>CJ 2460</td>
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<td>F</td>
<td>Psych Profiling</td>
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<td>CJ 2470</td>
<td>3</td>
<td>F</td>
<td>Intro Criminology</td>
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<tr>
<td>CJ 2480</td>
<td>3</td>
<td>F</td>
<td>Crime Scene Proc</td>
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<td>F</td>
<td>Drug Trafficking</td>
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<td>CJ 2500</td>
<td>3</td>
<td>F</td>
<td>Contemp Violence</td>
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<tr>
<td>CJ 2510</td>
<td>3</td>
<td>F</td>
<td>Criminal Behavior</td>
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<tr>
<td>CJ 2520</td>
<td>3</td>
<td>F</td>
<td>Victim Issues</td>
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<tr>
<td>CJ 2530</td>
<td>3</td>
<td>F</td>
<td>Police Patrol Tech</td>
</tr>
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<td>CJ 2540</td>
<td>3</td>
<td>F</td>
<td>Careers in Law Enf</td>
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<tr>
<td>CJ 2920</td>
<td>1-3</td>
<td>A</td>
<td>Special Topics in CJ</td>
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COMMUNICATION

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<tbody>
<tr>
<td>COMM 1010</td>
<td>3</td>
<td>A</td>
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HUMAN RELATIONS

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<tbody>
<tr>
<td>LE 1220</td>
<td>3</td>
<td>A</td>
<td>Human Relation</td>
</tr>
</tbody>
</table>

DISTRIBUTION AREAS

Choose an additional three credit hours from two of the following distribution areas:

- Biological Science (BS) 3-4 A
- Fine Arts (FA) 3 A
- Humanities (HU) 3 A
- Interdisciplinary (ID) 3 A
- Physical Science (PS) 3 A
- Social Science (SS) 3 A

See pp. 23-27 for options in each of these categories.

ASSOCIATE OF APPLIED SCIENCE DEGREE IN CRIMINAL JUSTICE

(minimum 69 hours required)

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ENGL 1010</td>
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<td>A</td>
<td>Intro to Writing</td>
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<tr>
<td>MATH 1010</td>
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<td>A</td>
<td>Interm Algebra</td>
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SAMPLE SCHEDULE

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<th>PREREQUISITES</th>
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</tr>
<tr>
<td>MATH 1010</td>
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<td></td>
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ASSOCIATE OF APPLIED SCIENCE DEGREE IN CRIMINAL JUSTICE

(minimum 69 hours required)

GENERAL EDUCATION REQUIREMENTS

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<thead>
<tr>
<th>COURSE</th>
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<th>PREREQUISITES</th>
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<tr>
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</tr>
<tr>
<td>MATH 1010</td>
<td>4</td>
<td>A</td>
<td>Interm Algebra</td>
</tr>
</tbody>
</table>

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>COURSE</th>
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<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
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<tr>
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SLCC 2010-2011 GENERAL COLLEGE CATALOG 145
CRIMINAL JUSTICE, BS
SEE UNIVERSITY CENTER.

CUSTOMER SERVICE RECEPTIONIST
SEE SCHOOL OF APPLIED TECHNOLOGY.

DANCE
SEE FINE ARTS.

CULINARY ARTS
General Information (801) 957-4074
Academic Advisor CT 218 (801) 957-4550
Culinary Arts Information (801) 957-4043
www.slcc.edu/culinaryarts/index.asp

Associate Professor: Leslie Seiferle
Assistant Professor: Richard Renzetti

THE PROGRAM
The Culinary Arts (CHEF) program requires five semesters to complete the curriculum as outlined and approved by the American Culinary Federation Foundation Accrediting Commission (ACFFAC). Courses in the program also track the student through the National Restaurant Association's ManageFirst ProgramTM. In addition to two years of related instruction, there is an on-the-job requirement of 2,000 hours where the work must be performed in a preapproved establishment with more than 50% of the food being prepared from scratch. Students have the option of accumulating 1000 hours (or 2 semesters) of the required 2000 hours in classroom production during an optionally offered Catering class.

ACCREDITATION
Accreditation by American Culinary Federation Foundation Accrediting Commission (ACFFAC) assures that a program is meeting at least a minimum of standards and competencies set for faculty, curriculum and student services. ACFFAC is recognized by the Council on Higher Education Accreditation (CHEA). Salt Lake Community College is accredited by the American Culinary Federation Accrediting Commission (ACFFAC).

PARTNERSHIP
The culinary arts program is partnered through the National Restaurant Association Educational Foundation’s ManageFirst ProgramTM where certificates are awarded for each ManageFirst ProgramTM exam passed. The ManageFirst ProgramTM provides educational curriculum designed to professionalize the workforce, particularly in the areas of food safety and restaurant management.

AFFILIATION
All students enrolled in the culinary arts program are members of Skills USA, sponsor of the Professional Development Program (PDP). While proper technical skills are undeniably important to employers, so are employability skills including the ability to communicate, work on a team, resolve conflicts, confront ethical dilemmas and manage one’s time. The Professional Development Program (PDP), a curriculum developed by SkillsUSA, teaches these skills. Students enrolled in the Culinary Arts program encounter coursework in PDP that provides the tools to strengthen school-based learning, work-based learning and connecting activities as outlined in the School to Work Opportunities Act.

CAREER OPPORTUNITIES
Culinary Arts is a CTE (Career and Technical Education) program. Students in CTE programs are highly recruited by businesses and industries. SLCC has relationships with businesses and industries within the community and can help CTE graduates get into a career upon graduation. In some cases, students may be hired before they graduate and are able to complete their education at company expense. Opportunity increases from association with The American Culinary Federation, Inc. (ACF), a professional organization for chefs and cooks made up of more than 22,000 members belonging to more than 230 chapters across the U.S.

PREPARATION NOTES
Educational suggestions for high school subjects include mathematics, business math, marketing, and art design including three dimensional.

PREREQUISITES
Entering students must prove competence for MATH 0950 by scoring 75 (or higher) in arithmetic and 35 (or higher) in algebra on the mathematics CPT exam, or complete MATH 0990 or higher with a grade of C or better, or ACT math score of 15-17. Developmental math can be enrolled concurrently with first semester classes in culinary arts. Students also must prove competence for RDG 0990 by scoring 55-70 on the reading comprehension CPT or completing RDG 9090 with a grade of C or better and place into ENGL 1010 by completing WRTG 0990 with a C or better. Students are not permitted to enroll in lab courses until they achieve a ServeSafe Certification. This certificate can be obtained in CHEF 1110.

ASSOCIATE OF APPLIED SCIENCE IN CULINARY ARTS
(minimum of 64 credits required)

GENERAL EDUCATION REQUIREMENTS (11-12 CREDITS)

<table>
<thead>
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<tr>
<td>ENGL 1010 Intro to Writing (EN)</td>
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<td>A</td>
<td>CPT placement</td>
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<tr>
<td>*Any (HR) Designated Course</td>
<td>2-3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>**Any (CM) Designated Course</td>
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<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Distribution Area</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

(See pages 23-27 for options in these areas.)

*CTEL 1010 recommended for students wishing to participate in SkillsUSA.

**CTEL 1020 recommended for students wishing to participate in SkillsUSA.

DISTRIBUTION AREAS
Choose an additional three credits from one of the following distribution areas:

- Biological Science (BS)
- Fine Arts (FA)
- Humanities (HU)
- Interdisciplinary (ID)
- Physical Science (PS)
- Social Science (SS)

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
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<th>COURSE</th>
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<th>PREREQ</th>
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<td>CHEF 1120 Intro to Food Service</td>
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<tr>
<td>CHEF 1130 Management Marketing</td>
<td>3</td>
<td>A</td>
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<tr>
<td>CHEF 1150 Food and Beverage Svc</td>
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<td>A</td>
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<tr>
<td>CHEF 1210 Food Preparation</td>
<td>6</td>
<td>A</td>
<td>CHEF 1100 w/C or better</td>
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<tr>
<td>CHEF 1320 Business Math (QS)</td>
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<tr>
<td>CHEF 1350 Food Prep Lab</td>
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<td>CHEF 1100 w/C or better</td>
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<td>CHEF 1600 Herb Horticulture</td>
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<td>CHEF 2410 Purchasing</td>
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<td>A</td>
<td>none</td>
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<tr>
<td>CHEF 2420 Baking</td>
<td>3</td>
<td>A</td>
<td>CHEF 1110 w/C or better</td>
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<tr>
<td>CHEF 2460 Baking Lab</td>
<td>3</td>
<td>A</td>
<td>CHEF 1110 w/C or better</td>
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<tr>
<td>CHEF 2510 Continental Cuisine</td>
<td>3</td>
<td>A</td>
<td>CHEF 1110 w/C or better</td>
</tr>
</tbody>
</table>

(See pages 23-27 for options in these areas.)
DENTAL HYGIENE

Second-year students are eligible to take the National Board of Dental Hygiene Examination. Upon graduation, students may take both the state and regional examinations.

General Education and elective courses provide training in effective oral and written communication and human relations skills. COMM 1010 and PSY 1010 are taught using group and team activities in the learning process to develop students' interactive skills and to build human values and ethics.

ADMISSIONS
Dental Hygiene admission selection criteria have changes pending. Please check for updated information on the website at: www.slcc.edu/dentalhygiene.

PREPARATION NOTE
Students accepted into the dental hygiene program must meet the same health and safety requirements that the participating facilities require of their own employees. The requirements listed below must be completed by the first day of DH 1100.

Health and safety requirements of the program are as follows:
- CPR certification, American Heart Association, Modular C or American Red Cross Health Care Provider are the only courses accepted. A fee is required. Due to the nature of clinical experiences all students will be exposed to bloodbourne pathogens.
- Required Immunizations:
  A. Tetanus
  B. MMR (Measles, Mumps, Rubella)
  C. Negative tuberculosis skin test *
  D. Hepta-vax (Hepatitis B)—series of 3
     Initial injection
     2nd injection one month after the first
     3rd injection six months after the first
* In the event a student has a positive TB skin test, a negative TB chest X-ray is required.

The series of three Hepta-vax immunizations must be taken as follows:
- Initial injection
- 2nd injection one month after the first
- 3rd injection six months after the first

Specific information will be given to accepted students by program faculty regarding testing sites that have been approved by SLCC for both drug-screening test and criminal background check. The expenses of these requirements are additional student costs.

The clinical placement agencies make the final determination about accepting students for placement in their facility, and may decline to have students placed at their facility, based on the criminal background record of the student. The latter may cause the student not to be able to complete all of the program requirements.

In addition, it will be the responsibility of the student to contact the licensing agency and seek advice regarding eligibility for licensure and requirements needed to progress in this profession, if the criminal background check discloses issues of concern.

NOTE: The Hepta-vax immunization series takes 7 months to complete. The series must be completed prior to attending clinic. NO EXCEPTIONS.

GENERAL COLLEGE ADMISSION
Students seeking admission to the Dental Hygiene program must first be admitted through the SLCC Enrollment Services as a matriculated student with a major of health sciences by doing the following:

CUSTOMER SERVICE RECEPTIONIST
SEE SCHOOL OF APPLIED TECHNOLOGY

DANCE
SEE FINE ARTS

DENTAL HYGIENE

Estimated cost:
- Books and supplies for program $600 - $800
- Instruments, equipment, uniforms, and safety glasses $6,000
- Laboratory fee per semester $500
- Licensing exams $1,800
- Other costs may be incurred.

Academic Advisor JCHSC 047E - (801) 957-4407
General Information (801) 957-4073
Clinic - (801) 957-2710
www.slcc.edu/dentalhygiene

Instructors: Jodie Lopez, Marie Renee Mendenhall

THE PROGRAM
Dental hygienists are preventive care specialists for the maintenance of good oral health. A dental hygienist serves as a clinician, educator/health promotor, patient advocate, administrator/manager and researcher. Dental hygienists currently are in high demand and may secure employment in a variety of settings, including private practice, hospitals and public health facilities.

The Commission on Dental Accreditation of the American Dental Association provides the accreditation for the associate of applied science degree. It is a specialized accrediting body recognized by the United States Department of Education. Salt Lake Community College is currently accredited.
1. Submit “Application for Admission as a matriculated Student.”

2. Pay general College application fee.

3. Complete ACT or Accuplacer (placement test). This test may be waived at the discretion of the Health Sciences Academic Advisor on the basis of previous college course work.

**PLACEMENT TESTING**

SLCC does not have minimum required test scores for admission. However, the mandatory placement policies of SLCC mathematics and English departments require that students enroll in the Math and English classes indicated by their test scores.

**DENTAL HYGIENE PROGRAM ADMISSION CRITERIA**

In addition to the above requirements, those seeking admission to the dental hygiene program must meet the following admission criteria.

Applicants will be accepted into the program in order of their qualifying date (the date upon which all requirements have been met and all materials submitted to the Health Sciences Admissions Specialist).

1. High school graduation or equivalent.
2. *BIOL 2320/BIOL 2325 (Human Anatomy lecture and lab),
   *BIOL 2060/BIOL 2065 (Microbiology lecture and lab), and
   *BIOL 2420/BIOL 2425 (Human Physiology lecture and lab)

All biology courses with B grade or better taken within the past five years.

3. *CHEM 1110/CHEM 1115 (Elementary Chemistry lecture and lab) with C+ or better taken within the past five years.

*These courses have prerequisites. See course descriptions for prerequisite information.

4. Math and English qualifications. Copies of qualifying test scores must be submitted with the dental hygiene application.

Math qualifications (one of the following)
A. Accuplacer 43 college level math score within one year
B. ACT 22 math score within one year
C. MATH 1010 with C or better

English qualifications (one of the following)
A. AP English credit. Must be listed on SLCC transcript
B. CLEP English credit. Must be listed on SLCC transcript
C. ENGL 1010 - Introduction to Writing, grade C or better

5. Separate application to the dental hygiene program, available in Health Sciences Admission Office, JCHSC 047.

6. Official sealed transcripts must be submitted from ALL colleges/universities where the student has completed prerequisite course work for application to the program.

Applicants will be notified by mail of their admission status. New students may begin once per year. If necessary a waiting list will be established for future years. The waiting list will include only those applicants who have met all requirements above and are admitted to the program. To maintain a position on the waiting list, BIOL 2320/BIOL 2325, BIOL 2060/BIOL 2065 and BIOL 2420/BIOL 2425 and CHEM 1110/1115 must remain current within five years of start date.

To retain a position in the program, students must complete the technical curriculum in the order outlined and receive a C grade or better in each required class.

**SPECIAL NOTE FOR TRANSFER STUDENTS**

Transcripts from other colleges or universities submitted with applications are subject to the following policies:

1. Transcripts must be official (sealed and sent by the issuing institution) and must be sent directly to the Enrollment Services.

2. Transfer credits and GPAs are calculated only on completed courses in which grades are received, not on courses-in-progress.

**PREREQUISITES**

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. Students also must comply with application prerequisites as listed above.

**CLASS AVAILABILITY**

The semester in which courses are taught are listed below. Students should check the semester class schedule for availability and modifications caused by varying enrollment. Dental hygiene program classes and clinic are held 8-5, Monday through Friday.

**ASSOCIATE OF APPLIED SCIENCE DEGREE IN DENTAL HYGIENE**

(minimum 90 hours required)

**ADMISSION PREREQUISITES**

(WITH MINIMUM GRADE OF B WITHIN THE LAST 5 YEARS)

<table>
<thead>
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<th>CR</th>
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<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2060 Microbiology</td>
<td>4</td>
<td>A</td>
<td>BIOL 1610/1615 (C grade or better), concurrent w/ BIOL 2065 (lab)</td>
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<tr>
<td>BIOL 2065 Microbiology Lab</td>
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<td>BIOL 1610/1615 (C grade or better), concurrent w/ BIOL 2060</td>
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<tr>
<td>BIOL 2320 Human Anatomy</td>
<td>4</td>
<td>A</td>
<td>BIOL 1610/1615 (C grade or better), concurrent w/ BIOL 2325 (lab)</td>
</tr>
<tr>
<td>BIOL 2325 Human Anatomy Lab</td>
<td>0</td>
<td>A</td>
<td>BIOL 1610 (C grade or better), concurrent w/ BIOL 2320</td>
</tr>
<tr>
<td>BIOL 2420 Human Physiology</td>
<td>4</td>
<td>A</td>
<td>BIOL 1610/1615 (C grade or better), concurrent w/ CHEM 1110/1115, w/BIO 2425 (lab)</td>
</tr>
<tr>
<td>BIOL 2425 Human Physiology Lab</td>
<td>0</td>
<td>A</td>
<td>BIOL 1610/1615 (C grade or better), concurrent w/ BIOL 2420</td>
</tr>
</tbody>
</table>

**ADDITIONAL REQUIRED COURSES**

(WITH MINIMUM GRADE OF C)

To be completed before starting the Dental Hygiene major course requirements:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 1010 Intro to Sociology</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1010 Intro to Comm</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>HLTH 2020 Foundations of Nutr</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>
MATH 1010 Interim Algebra 4 A MATH 0990 w/C or better
PSY 1010 Gen Psychology 3 A none

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>DH 1050 Dental Radiology</td>
<td>2</td>
<td>F</td>
<td>admission</td>
</tr>
<tr>
<td>DH 1060 Dental Radiology Lab</td>
<td>1</td>
<td>F</td>
<td>admission</td>
</tr>
<tr>
<td>DH 1100 Intro to Dent Hygiene</td>
<td>3</td>
<td>F</td>
<td>admission</td>
</tr>
<tr>
<td>DH 1110 Clinic Dent Hygiene</td>
<td>2</td>
<td>F</td>
<td>admission</td>
</tr>
<tr>
<td>DH 1140 Dental Materials</td>
<td>1</td>
<td>Sp</td>
<td>admission</td>
</tr>
<tr>
<td>DH 1170 Dental Materials Lab</td>
<td>1</td>
<td>Sp</td>
<td>admission</td>
</tr>
<tr>
<td>DH 1310 Head and Neck Anat</td>
<td>2</td>
<td>F</td>
<td>admission</td>
</tr>
<tr>
<td>DH 1340 Dental Anatomy</td>
<td>1</td>
<td>F</td>
<td>admission</td>
</tr>
<tr>
<td>DH 1350 Dentistry/Hist</td>
<td>1</td>
<td>F</td>
<td>admission</td>
</tr>
<tr>
<td>DH 1400 Dent Hgy Thy II</td>
<td>3</td>
<td>Sp</td>
<td>DH 1100</td>
</tr>
<tr>
<td>DH 1410 Dent Hgy II</td>
<td>3</td>
<td>Sp</td>
<td>DH 1110</td>
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<tr>
<td>DH 1540 Pharmacology</td>
<td>3</td>
<td>Sp</td>
<td>DH 1100</td>
</tr>
<tr>
<td>DH 1640 Patient/Special Needs</td>
<td>2</td>
<td>Sp</td>
<td>DH 1100</td>
</tr>
<tr>
<td>DH 2050 Gen &amp; Oral Path</td>
<td>3</td>
<td>F</td>
<td>DH 1400, DH 1620</td>
</tr>
<tr>
<td>DH 2200 Dent Hgy Thy III</td>
<td>3</td>
<td>F</td>
<td>DH 1410</td>
</tr>
<tr>
<td>DH 2210 Clin Dent Hgy III</td>
<td>4</td>
<td>F</td>
<td>DH 1410</td>
</tr>
<tr>
<td>DH 2220 Com Dent Health</td>
<td>3</td>
<td>Sp</td>
<td>DH 1620</td>
</tr>
<tr>
<td>DH 2340 Local Anesthesia</td>
<td>2</td>
<td>F</td>
<td>DH 1540, w/DH 2341</td>
</tr>
<tr>
<td>DH 2341 Local Anesthes Lab</td>
<td>1</td>
<td>F</td>
<td>DH 1540, w/DH 2340</td>
</tr>
<tr>
<td>DH 2450 Periodontology I</td>
<td>2</td>
<td>F</td>
<td>DH 1410, DH 1620</td>
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<tr>
<td>DH 2600 Dent Hgy The IV</td>
<td>3</td>
<td>Sp</td>
<td>DH 2210</td>
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<td>DH 2610 Clin Dent Hgy IV</td>
<td>5</td>
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<tr>
<td>DH 2850 Periodontology II</td>
<td>2</td>
<td>Sp</td>
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ELECTIVE

<table>
<thead>
<tr>
<th>COURSE</th>
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<tbody>
<tr>
<td>DH 1990 Dental Hygiene Study Abroad</td>
<td>Admission/Optional</td>
</tr>
<tr>
<td>DH 2010 Summer Clinical Dental Hygiene</td>
<td>Admission/Optional</td>
</tr>
<tr>
<td>DH 2990 Opt Board Revue</td>
<td>2 Su</td>
</tr>
</tbody>
</table>

NOTE: DH 1050 is open to all students and is highly recommended to be taken before acceptance into the Dental Hygiene Program.

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
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<tbody>
<tr>
<td>DH 1050</td>
<td>DH 1100</td>
</tr>
<tr>
<td>DH 1060</td>
<td>DH 1150</td>
</tr>
<tr>
<td>DH 1100</td>
<td>DH 1400</td>
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<tr>
<td>DH 1110</td>
<td>DH 1410</td>
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<tr>
<td>DH 1330</td>
<td>DH 1540</td>
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<td>DH 1340</td>
<td>DH 1620</td>
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<tr>
<td>DH 1350</td>
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<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
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<tr>
<td>DH 2050</td>
<td>DH 2220</td>
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<tr>
<td>DH 2200</td>
<td>DH 2600</td>
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<td>DH 2610</td>
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<tr>
<td>DH 2340</td>
<td>DH 2850</td>
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<td>DH 2341</td>
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<td>DH 2450</td>
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<tr>
<td>DH 2640</td>
<td></td>
</tr>
<tr>
<td>TOTAL 15</td>
<td></td>
</tr>
</tbody>
</table>

DEVELOPMENTAL EDUCATION

Professors: John Close, Paul Lerdahl, Don Merrill, Celestina Punzalan

Associate Professors: Judith Braun, George Ellington, Steffey Fazzio, Mark Glines, Brent Green, Marrianna Hopkins, Dean Huber, Rosemary Janiessen, Karen Johnson, Carla Kulinsky, Rachel Lawyer, Cristin Longhurst, Katherine McIntyre, Carol Sieverts, Mildred Sparks, Candace Wagnall, James Woodall

Assistant Professors: Alena Balmforth, Maria Griffith, Jerri Harwell, Laurie Paxton, T.C. Stowe

Instructors: James Celestino, Ana Fillingim, Charles Hemming, Kathleen Johnston, J. Terry Kidd, Jonelle Ord, Michael White

MISSION AND PHILOSOPHY

In fulfilling the mission of Salt Lake Community College as a comprehensive community college with an "open door" admissions policy, the Developmental Education Department must, as a part of an educational continuum, provide for the needs of two groups of students:

1. Those requiring and/or desiring work in pre-college level competencies, such as reading, writing, math, and English-as-a-second-language; and
2. Those requiring and/or desiring to improve their college experience through learning enhancement activities, such as speed reading, reading comprehension, and study skills, as well as personal and career development.

The members of the Developmental Education Department, are committed to helping students succeed in college programs and college-level courses and to helping them prepare for lifelong success.

GOALS

The Developmental Education Department has as its primary goal to ensure every student entering Salt Lake Community College the opportunity to protect and increase personal dignity by gaining:

1. Proficiency in basic skills;
2. Competencies for academic success;
3. Confidence to pursue personal goals; and
4. Problem-solving skills associated with learning and personal development.

PREREQUISITES

Some Developmental Education classes may require placement testing or have other prerequisites. It is the student's responsibility to examine each course description for prerequisites. Those prerequisites must be satisfied before the designated class may be taken.

NOTE: Developmental Math and Developmental Writing have mandatory placement policies that require students to enroll in the classes indicated by their placement test scores.

CLASS AVAILABILITY

Most Developmental Education classes are offered at all campuses and sites in fall, spring, and summer, and some courses are offered online. The courses and the semesters they are offered are listed below. Students should check the semester class schedule for day/weekend availability and modifications caused by varying enrollment.

DEPARTMENTAL OFFERINGS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>DE 0910 Lang Arts for the Deaf</td>
<td>6</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>DE 1070 Begin Keyboarding</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>LE 1000 EPortfolios for Success</td>
<td>1</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>LE 1020 Ess of Colg Std</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>LE 1220 Hu Rel Car Dev</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>LE 1240 Tutor Certificat</td>
<td>1</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>LE 1250 Effec Rev/Ed</td>
<td>2</td>
<td>F, Sp</td>
<td>minimum score of 71 on CPT reading component or pass RDG 0990 with C grade or better.</td>
</tr>
<tr>
<td>LE 1260 Efficient Reading</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>LE 1310 Mind Mach Con</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>
DIESEL SYSTEMS TECHNOLOGY

Estimated cost of tools and supplies per program $2,000
Estimated cost of books and computer-assisted instruction (CD) per semester $175

Meadowbrook
General Information (503) 957-4074
Academic Advisor CT 218 (503) 957-4550
www.sllc.edu/diesel

Assistant Professors: Keith Knavel, Mark Kranendonk

THE PROGRAM

Students are taught the general concepts of diesel systems technology. Technicians in this field repair and maintain diesel equipment, such as trucks, buses and construction equipment. This includes bulldozers, earth movers, cranes and other diesel-power equipment.

Diesel technicians use common hand tools like pliers, wrenches and screwdrivers, as well as special tools. They also may use testing equipment like dynamometers—which measure engine power, special fuel injection equipment and electronic-controlled engines.

Most diesel technicians are required to buy their own hand tools. Beginning students accumulate more tools as they gain experience. A prospective diesel technician should be in good physical condition and have above-average mechanical ability and eye-hand coordination.

Any course offered in this program can be taken as part of the vocational/technical electives for an associate of science degree in general studies.

General Education and elective courses provide training in effective oral and written communication and human relations skills, opening doors for upward mobility.

CAREER OPPORTUNITIES

Jobs and employment opportunities are numerous and provide an excellent wage usually with good benefits. Graduates find many opportunities for employment as technicians in companies that maintain and repair both on- and off-highway equipment.

SPECIAL REQUIREMENTS

Students will need basic reading and math skills. Students who need to take preparatory classes to meet the requirements of the first semester courses should plan on extra time to complete the program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of the course. Advanced Engine courses require prerequisites.

ELECTIVE OPTIONS

It is possible to earn some laboratory credit through cooperative education if students are employed in a job involving diesel systems technology. With prior approval of a faculty member and/or CO-OP coordinator, students may register for the CO-OP course.

CLASS AVAILABILITY

The semester in which courses are taught are listed below. Students should check the semester class schedule, as day/evening availability and modifications caused by varying enrollment. Classes are offered as 5-week blocks and enrollment is accepted accordingly. Students must register for lecture and its accompanying lab concurrently.

ASSOCIATE OF APPLIED SCIENCE CTE

DIESEL SYSTEMS TECHNOLOGY

(continued)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>IND 1120 Math for Industry</td>
<td>3</td>
<td>F, Sp</td>
</tr>
<tr>
<td>CM</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>HR</td>
<td>3</td>
<td>A</td>
</tr>
</tbody>
</table>

See pp. 23-27 for options in each of these categories.

DISTRIBUTION AREAS

Choose an additional six credit hours from two of the following distribution areas:

- Biological Science (BS) 3-4 A
- Fine Arts (FA) 3 A
- Humanities (HU) 3 A
- Interdisciplinary (ID) 3 A
- Physical Science (PS) 3 A
- Social Science (SS) 3 A

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Description</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>WLD 1005 Related Welding</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>DST 1010 Shty/Basic Dsl</td>
<td>4</td>
<td>F</td>
<td>1065 Shty/Basic Eng Perf</td>
</tr>
<tr>
<td>DST 1015 PreventMaintBrake</td>
<td>4</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>DST 1165 Prevent Maint Elect</td>
<td>1</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>DST 1245 Drvtrains/FluidDrvs</td>
<td>4</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>DST 1265 Drvtrains/GearDrvs</td>
<td>4</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>DST 2045 AdvEng&amp;Electron</td>
<td>4</td>
<td>F</td>
<td>DST 1045</td>
</tr>
<tr>
<td>DST 2065 Adv Engine Perform</td>
<td>4</td>
<td>Sp</td>
<td>DST 1045, DST 1065, DST 2045, DST 1045</td>
</tr>
</tbody>
</table>

SLCC 2010-2011 GENERAL COLLEGE CATALOG
ECONOMICS

Business Building 105 (801) 957-4325
General Information (801) 957-4073
Academic Advising (801) 957-4300
www.slcc.edu/economics

FINANCE AND ECONOMICS
Professors: Joseph R. Howell, K. T. Magnusson
Associate Professor: Dennis Wilson
Assistant Professors: A. Marlon Andrus, Lew Jeppson, Dennis Watson
Instructor: Rungrudee Suetorsak

BUSINESS MANAGEMENT
Professors: Don Gren, Roger D. Lee
Associate Professor: Amar Sahay.
Instructor: Karen Killinger

THE PROGRAM
The study of economics deals with the issue of scarcity. Questions on what to produce, how goods and services will be produced and how produced goods and services are distributed in society, represents the kinds of questions economists deal with on a daily basis. In other words, economics explores how do we use scarce resources to satisfy unlimited wants in society. The study of economics utilizes historical data, theoretical models and empirical evidence to explain the behavior of individuals, firms and nations in producing and consuming goods and services.

Economics allows students to think critically, analyze complex problems and apply solutions to real world problems. Economics provides students the foundation for various academic and professional endeavors. Professionals in management, law, education, government, finance and international affairs use economic analysis. Employers and graduate schools often seek individuals with an understanding of economics.

The Economics program at SLCC is accredited by the Association of Collegiate Business Schools and Programs (ACBSP). Accreditation represents the achievement of meeting high national standards established for Associate Degree granting business programs and facilitates transfer of credits to four-year universities and colleges.

PREPARATION NOTE
Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program. Any class in the preparatory skills may be waived if students can demonstrate equivalent skills.

Students considering an Economics major may want to take ECON 1010 (Economics as a Social Science) as an introduction to the field. ECON 1010 will count toward the Social Science General Education requirement.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. The Department recommends completion of the College Algebra requirement before second year Economic courses are taken.

Students who wish to take the CIS 1020 (Computer Essentials) challenge exam are advised to review the information at www.slcc.edu/CIS. An 80% or higher is required on each section of the test. Once the exam is passed a P is posted to the transcript and credit is awarded.

ELECTIVE OPTIONS
Cooperative Education is the college’s strategy for recognizing and rewarding new learning associated with study-related employment in a business, industrial or government work environment. Credits earned from Finance or Management 2000 are applied toward Economics in the ‘Other Elective’ category. Contact CO-OP Education at (801) 957-4014.

CLASS AVAILABILITY
The semester in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

TRANSFER NOTES
Economics programs at four-year colleges and universities are housed in social science and business schools with varying requirements. For transfer to Economics at Utah State University, Weber State University, or Southern Utah University, students should take the Business AS or AA degree and see the Business Advisor for efficient transfer planning. Neither Dixie College nor Utah Valley University offer Economics BS degrees at this time.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 63 hours required)

ECONOMICS

See Apprenticeships Section

Early Childhood Education
See Family and Human Studies and Pre-Teacher Education.

SCHEDULE

Fall Semester
DST 2145 Hydraulics Controls 4 Sp none
DST 2165 Hydraulic Functions 4 Sp none
DST 2245 Electrical Circuits 4 F none
DST 2265 Electrical Lighting 4 F none

Elective Course
DST 1020 Lt. Duty Dieal Mntc 3 A None

Sample Schedule

Fall Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DST 1045</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>DST 1065</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>DST 1145</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>IND 1120</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
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<td>3</td>
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<td>TOTAL</td>
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Spring Semester

<table>
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<th>Semester Hours</th>
</tr>
</thead>
<tbody>
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<td>DST 1265</td>
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<tr>
<td>ENGL 1010</td>
<td>3</td>
<td>3</td>
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<tr>
<td>TOTAL</td>
<td>18</td>
<td>18</td>
</tr>
</tbody>
</table>

DIESEL SYSTEMS TECHNOLOGY
See Apprenticeships Section

ECONOMICS

See Family and Human Studies and Pre-Teacher Education.

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COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 63 hours required)

GENERAL EDUCATION REQUIREMENTS

Course          | Credit Hours | Semester Hours | Prerequisites |
<table>
<thead>
<tr>
<th></th>
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<th></th>
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<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
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<tr>
<td>ENGL 2010 Intern Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
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QUANTITATIVE LITERACY

Course          | Credit Hours | Semester Hours | Prerequisites |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>MATH 1090 College AlgebraBus</td>
<td>3</td>
<td>A</td>
<td>MATH 1010 w/C or appropriate CPT score</td>
</tr>
<tr>
<td>MATH 1050 College Algebra</td>
<td>4</td>
<td>A</td>
<td>MATH 1010 w/C or appropriate CPT score</td>
</tr>
</tbody>
</table>

AMERICAN INSTITUTIONS (3 CREDITS)

Course          | Credit Hours | Semester Hours | Prerequisites |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
</tbody>
</table>
INSTITUTIONAL REQUIREMENTS
LIFELONG WELLNESS

HLAC ——— 1 A none

STUDENT CHOICE (3 CREDITS)
(WESTMINSTER COLLEGE REQUIRES COMM 1020 PUBLIC SPEAKING)

COMPUTER LITERACY

DISTRIBUTION AREAS
Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS) 3

Fine Arts (FA) 3

Humanities (HU) 3

Interdisciplinary (ID) 3

Physical Science (PS) 3

*Social Science (SS) 3

*Except ECON 1600 if taking ECON 1600 for an elective. See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS
(13 CREDITS REQUIRED)

ECON 2010 Microeconomics 3 A none
ECON 2020 Macroeconomics 3 A none
BUS 1100 Calculus for Business 4 A MATH 1050 or MATH 1090
MGT 2040 Statistics I 4 A FIN 1580 or MATH 1100, BUS 1050, CIS 1020 or competency

ECONOMICS ELECTIVES (6 CREDIT HOURS REQUIRED)

*ECON 1600 Intro to Econ Syst 3 F, Sp none
ECON 2100 Labor Economics 3 F, Sp ECON 2010, ECON 2020
ECON 2200 Money & Banking 3 Sp ECON 2010, ECON 2020
ECON 2510 Environmental Economics 3 F, Sp none
ECON 2400 Internet Econ. 3 F ECON 2010, ECON 2020

*Cannot count as both SS for General Education and for elective.

OTHER ELECTIVES (10 CREDIT HOURS REQUIRED)
Choose any College level course 1000 or above including Economics, Finance, Management and Business courses. (Students transferring to Westminster Economics A.S. degree should take ACCT 2010 Survey of Accounting as one of these electives.)

NOTE: Two of the following SLCC courses may be used toward a business minor at the U of U: ACCT 2010, ACCT 2020, and BUS 1050.

**NOTE:** Admission to a major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hel02a.html.

EDUCATION

SEE ALSO FAMILY AND HUMAN STUDIES, AND PARAEducation.

Estimated cost of books and supplies per semester $350 to $450

Eccles ECD Lab School (501) 957-4267
Education Information (501) 957-4289
General Information (501) 957-4203
Academic Advisor (501) 957-3361

Professor: Dale Smith
Associate Professors: Janet Brohm, Lois Oestreich
Instructor: Sally Schramm.

THE PROGRAM

ELEMENTARY, EARLY CHILDHOOD, SPECIAL EDUCATION
The education program is a two-year program designed to
prepare students to transfer to an accredited four-year teaching program. Students completing the program will develop skills and
get the hands-on experience necessary to be accepted into the
professional core of courses offered at the university level.
Course work will satisfy the General Education requirements
for the first two years of a bachelor's degree in elementary, early
childhood or special education.

Specific requirements leading to a bachelor's degree in educa-
tion differ between the four-year higher education institutions.
To tailor a program specific to student needs, meet with an
academic advisor or consult with a faculty member prior to regis-
tering for courses.

SECONDARY EDUCATION
Students who want to teach junior high, middle school or high
school should take the required courses for the major subject in
which they will be teaching. (For example, History, English,
Math, etc.) Not all teaching majors are offered at all USHE
schools. Meet with an academic advisor for the specific transfer
information about the major(s), minor(s) at the school to which
you plan to transfer. Most colleges and universities require EDU
1010. Efficient transfer planning is essential.

PREREQUISITES
It is the responsibility of the student to examine each course
description to determine if prerequisite classes are required.
Prerequisites must be satisfied before a class may be taken.

TRANSFER NOTES FOR ELECTIVES
Students should select electives based on the institution to
which they intend to transfer. Electives beyond those listed
below may be selected with approval from faculty or advisor.
Students should consult with an academic advisor to insure that
the correct classes are taken for transferability to their school of
choice. Guidelines for transfer are listed below and are subject
to change. Student are also advised to contact the Education
advisor at the school(s) to which they intend to transfer.
**COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE**

*(minimum 64 hours required)*

<table>
<thead>
<tr>
<th>GENERAL EDUCATION REQUIREMENTS</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CORE SKILLS</strong></td>
<td></td>
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</tr>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 2010 Intern Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td><strong>COMPOSITION</strong></td>
<td></td>
<td></td>
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<tr>
<td>MATH 1050 College Algebra</td>
<td>4</td>
<td>A</td>
<td>MATH 1030</td>
</tr>
<tr>
<td><strong>QUANTITATIVE LITERACY</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/c or better or appropriate placement</td>
</tr>
<tr>
<td><strong>AMERICAN INSTITUTIONS (3 CREDITS)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 1700 Amer Civilization</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/c or better or appropriate placement</td>
</tr>
<tr>
<td>POLS 1100 US Gov &amp; Politics</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/c or better or appropriate placement</td>
</tr>
<tr>
<td><strong>INSTITUTIONAL REQUIREMENTS</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>HLA C</td>
<td>1</td>
<td>A</td>
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</tr>
<tr>
<td><strong>LIFELONG WELLNESS</strong></td>
<td></td>
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<td><strong>STUDENT CHOICE (3 CREDITS)</strong></td>
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<tr>
<td>COMM 1010 Intro to Comm</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1020 Speech</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td><strong>COMPUTER LITERACY</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DISTRICT AREAS</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).</td>
<td></td>
<td></td>
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<tr>
<td>Biological Science (BS)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Fine Arts (FA)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Humanities (HU)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Interdisciplinary (ID)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Physical Science (PS)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Social Science (SS)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td><em>Most Elementary Education programs require Biology with lab BIOL 1010/1015</em></td>
<td></td>
<td></td>
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<tr>
<td><strong>MAJOR COURSE REQUIREMENTS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EDU 1010 Orien to Elem Ed</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>FHS 1500 Human Devlop</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td><strong>ELECTIVES (21 CREDITS; SEE TRANSFER NOTES BELOW)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Students should select electives based on the institution to which they intend to transfer. See transfer notes below.</td>
<td></td>
<td></td>
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<tr>
<td>EDU 1400 Study of Disabilities</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>EDU 1900 Special Topics in Ed</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>EDU 2000 CO-OP</td>
<td>1-2</td>
<td>F, Sp</td>
<td>FHS 1500, EDU 1010</td>
</tr>
<tr>
<td>EDU 2010 Intro Special Ed</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>EDU 2011 Inclusive Class</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>EDU 2030 Research in Ed</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>EDU 2110 Ed Psych Learning &amp; Lit</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>EDU 2140 Tech in the Class</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>EDU 2150 Multi-Cal Educ</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>EDU 2410 Ed. Law for Teach</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 1200 Intro Linguistics</td>
<td>3</td>
<td>Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2330 Children's Literature</td>
<td>3</td>
<td>Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>*ETHS 2440 Native Amer (SS, DV)</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>*ETHS 2420 Asian Amer (SS, DV)</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>*ETHS 2410 African Amer (SS, DV)</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>*ETHS 2430 Mexican Amer (SS, DV)</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>*HUMA 2220 Pacific Am Stud (HJDV)</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
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<tr>
<td>FHS 1230 Adolescent Growth</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>FHS 2610 Child Guidance</td>
<td>3</td>
<td>F, Sp</td>
<td>w/FHS 0010</td>
</tr>
<tr>
<td>FHS 2640 Home/Schl/County Relations</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>FHS 2645 EC Integrated Curriculum</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>*MATH 2100 Mth Elem Tech I</td>
<td>3</td>
<td>F</td>
<td>MATH 1050</td>
</tr>
<tr>
<td>*MATH 2102 Mth Elem Tech II</td>
<td>3</td>
<td>Sp</td>
<td>MATH 2100</td>
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<tr>
<td>HLAC 2620 PE Elem School</td>
<td>2</td>
<td>Sp</td>
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<tr>
<td>THEA 2520 Creative Drama</td>
<td>2</td>
<td>A</td>
<td>none</td>
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<tr>
<td><strong>PED 1010 Intro to PED</strong></td>
<td>3</td>
<td>TBA</td>
<td>none</td>
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<tr>
<td><strong>PED 1700 Collab in Class</strong></td>
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<td>PED 1010</td>
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<td><strong>PED 2150 Exp w/Study Risk</strong></td>
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<tr>
<td><strong>PED 2160 Practicum Int Ex</strong></td>
<td>1</td>
<td>TBA</td>
<td>w/PED 2150</td>
</tr>
</tbody>
</table>

*Select only one course from ETHS 2500, ETHS 2580, ETHS 2660, ETHS 2670 or HUMA 2220.

**Students should check with an academic advisor to make sure they select the appropriate math course.

***PED courses should only be taken by students completing a Certificate of Completion in Paraeducation.

**TRANSFER NOTES**

*(Subject to change by four-year institutions)*

**ELEMENTARY EDUCATION**

**UNIVERSITY OF UTAH - ELEMENTARY EDUCATION**

General Education (choose a BIOL class with a lab), EDU 1010, FHS 1500, EDU 2110, EDU 2140, EDU 2310, EDU 2410, EDU 2610, EDU 2645, EDU 2650, EDU 2690, FHS 2640, FHS 2645, ETHS 2410, 2420, 2430, 2440 or HUMA 2220. SLCC has an articulation agreement with the U of U which states that the classes listed will transfer to the U of U as the first two years of a B.S. in Elementary Education.

**UTAH STATE UNIVERSITY - ELEMENTARY EDUCATION**

*Grades 1-6 OR 8*

General Education (with some specific choices) EDU 1010, FHS 1500, ENGL 2330, FHS 2610, MATH 2010, EDU 2110, MATH 1040 and MATH 1050. There is additional information about emphasis areas. Meet with an academic advisor for further information.

**WEBER STATE UNIVERSITY - ELEMENTARY EDUCATION**

*Grades 1-6 OR 8*

General Education (with some specific choices) EDU 1010, FHS 1500 or ENGL 2330, MATH 2010 and 2020, FHS 2610, and EDU 2110. There are additional SLCC courses that transfer to concentrations or an academic teaching minor. Meet with an academic advisor for further information.

**UTAH VALLEY UNIVERSITY - ELEMENTARY EDUCATION**

General Education (with some specific choices) EDU 1010 w/B-, EDU 2110, EDU 2140, ENGL 2310, FHS 1500 w/C or higher, MATH 1010 and MATH 2020 w/C- or higher. Electives in Major FHS 2500, FHS 2610, FHS 2660, and THEA 2520. Meet with an academic advisor for further information.

**SOUTHERN UTAH STATE - ELEMENTARY EDUCATION**

General Education (with some specific choices) EDU 1010, FHS 1500, EDU 2110, MATH 2010, MATH 2020, EDU 2110, FHS 2610, and an area of specialization. Early Childhood Development is an area of specialization. Meet with an academic advisor for further information.

**DIXIE STATE COLLEGE - ELEMENTARY EDUCATION**

Meet with an academic advisor for further information.

**WESTMINSTER COLLEGE -ELEMENTARY EDUCATION**

General Education (with some specific choices), MATH 1050, and COMM 1020. Need a language. Meet with an academic advisor for further information.

**EARLY CHILDHOOD EDUCATION**

**UNIVERSITY OF UTAH - EARLY CHILDHOOD EDUCATION**

General Education (choose a BIOL class with a lab), EDU 1010, EDU 2110 or FHS 2400, EDU 2140, EDU 2310, EDU 2645, ENGL 1200, ETHS 2410, ETHS 2420, ETHS 2430, ETHS 2610

SLCC 2010-2011 GENERAL COLLEGE CATALOG
ELECTRICAL TECHNOLOGY

2440 or HUMA 2220, FHS 1500, FHS 2610, FHS 2620, FHS 2640. SLCC has an articulation agreement with the U of U which states that the classes listed will transfer to the U of U as the first two years of a B.S. in Early Childhood Education.

UTAH STATE UNIVERSITY - EARLY CHILDHOOD EDUCATION K-3 CERTIFICATION
General Education (with some specific choices) EDU 1010, ENGL 2310, FHS 2600, MATH 1050, MATH 2100, MATH 2020, MATH 1040, FHS 1500, and FHS 2610. Meet with an academic advisor for further information.

WEBER STATE UNIVERSITY - EARLY CHILDHOOD EDUCATION
General Education (with some specific choices) ENGL 2310, EDU 1010, EDU 2110, FHS 1500, FHS 2610, MATH 2100. Meet with an academic advisor for further information.

SOUTHERN UTAH STATE – EARLY CHILDHOOD EDUCATION IS AN EMPHASIS AREA IN ELEMENTARY EDUCATION.

SPECIAL EDUCATION

UNIVERSITY OF UTAH - SPECIAL EDUCATION
General Education (choose a BIOL class with a lab), EDU 1010, FHS 1500, EDU 2140, EDU 2030, EDU 2645, EDU 2150, EDU 2011, EDU 1200, EDU 2110, EDU 2410, EDU 2012, ETHS 2410, 2420, 24430, 24440 or HUMA 2220. SLCC has an articulation agreement with the U of U which states that the classes listed will transfer to the U of U as the first two years of a B.S. in Special Education.

UTAH STATE UNIVERSITY - SPECIAL EDUCATION
General Education (with some specific choices) EDU 1010, EDU 2110, and FHS 1500.

WEBER STATE UNIVERSITY - SPECIAL EDUCATION
For elementary education students: EDU 1010, FHS 1500, MATH 2100, MATH 2020, FHS 2610, ENGL 2310, and EDU 2110. Meet with an academic advisor for further information.

SOUTHERN UTAH STATE - SPECIAL EDUCATION
General Education (with some specific choices) EDU 1010 and FHS 1500. Other requirements vary because of the mild/moderate dual major that is offered. Meet with an academic advisor for further information.

WESTMINSTER - SPECIAL EDUCATION
Meet with an academic advisor for further information.

SECONDARY EDUCATION

UNIVERSITY OF UTAH – SECONDARY EDUCATION
EDU 1010, EDU 2030, EDU 2150, EDU 2440, EDU 2012, FHS 1230. These classes are in addition to the classes for the major you are planning on teaching. Most other schools require EDU 1010.

SPECIAL EDUCATION

UNIVERSITY OF UTAH - SPECIAL EDUCATION
General Education (choose a BIOL class with a lab), EDU 1010, FHS 1500, EDU 2140, EDU 2030, EDU 2645, EDU 2150, EDU 2011, EDU 1200, EDU 2110, EDU 2410, EDU 2012, ETHS 2410, 2420, 24430, 24440 or HUMA 2220. SLCC has an articulation agreement with the U of U which states that the classes listed will transfer to the U of U as the first two years of a B.S. in Special Education.

UTAH STATE UNIVERSITY - SPECIAL EDUCATION
General Education (with some specific choices) EDU 1010, EDU 2110, and FHS 1500.

WEBER STATE UNIVERSITY - SPECIAL EDUCATION
For elementary education students: EDU 1010, FHS 1500, MATH 2100, MATH 2020, FHS 2610, ENGL 2310, and EDU 2110. Meet with an academic advisor for further information.

SOUTHERN UTAH STATE - SPECIAL EDUCATION
General Education (with some specific choices) EDU 1010 and FHS 1500. Other requirements vary because of the mild/moderate dual major that is offered. Meet with an academic advisor for further information.

WESTMINSTER - SPECIAL EDUCATION
Meet with an academic advisor for further information.

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
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<tbody>
<tr>
<td>EDU 1010</td>
<td>ELECTIVE 3</td>
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<tr>
<td>ENGL 1010</td>
<td>ELECTIVE 3</td>
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<td>FA</td>
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<tr>
<td>ID</td>
<td>ENGL 2010</td>
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<td>TOTAL 15</td>
<td>COMM 1010</td>
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<td>HUMA 1010</td>
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<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
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<tbody>
<tr>
<td>ELECTIVE 3</td>
<td>ELECTIVE 3</td>
</tr>
<tr>
<td>PHY SCI</td>
<td>BIOL SC</td>
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<tr>
<td>ELECTIVE 3</td>
<td>ELECTIVE 3</td>
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<tr>
<td>AM INSTITUTIONS</td>
<td>SS (May be DV)</td>
</tr>
<tr>
<td>MATH 1050</td>
<td>HU (May be DV)</td>
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<td>ELECTIVE 2</td>
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<tr>
<td>TOTAL 18</td>
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</tbody>
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*NOTE: Admission into a major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hel02a.html.

PROFESSIONAL TRUCK DRIVING
SEE SCHOOL OF APPLIED TECHNOLOGY.

ELECTRICAL ENGINEERING
SEE ENGINEERING.

ELECTRICAL INDEPENDENT TECHNOLOGY APPRENTICESHIP
SEE APPRENTICESHIPS SECTION.

ELECTRICAL TECHNOLOGY

| Estimated cost of tools per semester | $350 |
| Estimated cost of books per semester | $170 |

NOTE: Due to state budget cuts, SLCC has discontinued this program. No new students will be admitted to this program. Existing declared major students will be provided options to complete this program via appropriate adjustments within a specified timeframe to minimize negative consequences to students. Consultation with an academic advisor is strongly encouraged.

Construction Trades Building, room 223 (801) 957-4066
General Information (801) 957-4074
Academic Advisor CT 186 (801) 957-4550
www.slcc.edu/instrumentation

Professor: Yuri Starik
Associate Professor: Ross McNamara

THE PROGRAM

The electrical trade consists of electrical crafts work, which includes planning of the job, trouble shooting and repair and general construction of all types of jobs in the electrical industry. The program provides a broad foundation in theory and applied technology needed to meet all requirements in today’s field of electricity and instrumentation process control. Any course offered in this program can be taken as part of the vocational/technical electives for an Associate of Science degree in general studies.

General Education and elective courses provide training in effective oral and written communication and human relations skills. COMM 1010 is taught using group and team activities in the learning process to develop the student’s interactive skills and to build human values and ethics.

STUDENT ORGANIZATIONS

Skills USA - All students enrolled in the electrical/instrumentation program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills. This training is included in the curriculum of this program.

PREPARATION NOTE

Classes designed to assist students in reaching the skill level necessary to enter or complete the certificate and degree programs.
are MATH 0950, WRTG 0990, DE 0900 and RDG 0900. Any class in the preparatory skills may be waived if students demonstrate equivalent skills. Students who are entering an electricity program are strongly advised and encouraged to take all of the placement tests (math, reading, English and computer skills) and also to matriculate. Proficiencies in the areas mentioned are either necessary for program entry or as prerequisites to general skills necessary to graduate. Students who take the placement test will be better able to plan and to be advised as to the best course of action as they begin their studies.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

ELECTIVE OPTIONS
Any credit course numbered 1010 and above (except General Education courses) may be substituted for listed elective courses with prior approval of the advisor and/or division chair.

If students are employed in a job involving electricity, it is possible to earn some laboratory credit through cooperative education. With prior approval of a teaching faculty member and the CO-OP coordinator. Students should register for the regular laboratory course.

CLASS AVAILABILITY
The semester in which courses are taught is listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

CERTIFICATE OF COMPLETION/CTE ELECTRICAL TECHNOLOGY
(minimum 33 hours required)

This certificate may qualify students to be a residential electrician or shop electrician. To earn this certificate, students need to take the courses shown below. Students can complete these courses in two semesters during the day or four semesters at night. Students may qualify for one or two years apprenticeship related training by passing competency exams through the Apprentice department.

After obtaining a certificate in electrical technology, students may go to the State Electrical Board and apply for an apprenticeship license and credit toward either schooling and/or work experience. The State Electrical Board determines credit on an individual basis. According to the Utah Department of Business Regulation, students must have successfully completed a course of study and have received a degree, certificate or diploma to get credit for previous schooling. If students completed a course as outlined above, they may receive credit for one year of apprenticeship school and nine months work experience. As an alternative, they may qualify for full credit for schooling, but not work experience. Applicants with associate degrees in electricity may qualify for additional credit toward approval to take the master’s examination.

The alternative mentioned above can be a great advantage: being one of the few apprentices that can work the higher paying out-of-town jobs without needing the weekly classroom instruction. However, this alternative will require the normal four years of work (8,000 hours) before applying for a journeyman license.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTEL 1010 Leadership/Teambuild</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>LE 1220 Human Relation</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

NOTE: Due to state budget cuts, SLCC has discontinued this program. No new students will be admitted to this program. Existing declared major students will be provided options to complete this program via appropriate adjustments within a specified timeframe to minimize negative consequences to students. Consultation with an academic advisor is strongly encouraged.
ELECTRONICS TECHNOLOGY

General Information (801) 957-4073
Academic Advisor (801) 957-4550
www.slcc.edu/electronicstechnology

Professor: Violetta Talbranska (Bennett)
Assistant Professor: William (Skip) Shields
Instructor: Ches Lumpkins

DEGREES
Associate of Science requirements can be completed, as well as an
Associate of Applied Science degree in Electronics Technology
and three certificates are offered in specialization areas. Students
may also provide focus to their degree by selecting desired
electives.

PREPARATION NOTE
Students who need to take preparatory classes to meet the
requirements of first semester courses should plan on extra time
to complete a degree. A high school curriculum heavily weighted
in mathematics, science and communication skills is highly
recommended. Placement testing will be done upon entry to the
College unless students have had prior college-level experience.
Those wishing to enter this program must score above accepted
minimums on the test.

PREREQUISITES
It is the student’s responsibility to examine each course descrip-
tion for details of prerequisite courses. Those prerequisites must
be satisfied before the course may be taken.

GENERAL EDUCATION
General Education and elective courses provide training in effec-
tive oral and written communication and human relations skills.
COMM 1010 is taught using group and team activities in the
learning process to develop the student's interactive skills and to
build human values and ethics.

STUDENT ORGANIZATIONS
Skills USA - All students enrolled in the electronics technology
program are members of Skills USA, sponsor of the Professional
Development Program (PDP). This program is designed to
promote leadership, communication, social, and employability
skills. This training is included in the curriculum of this program.

CLASS AVAILABILITY
The semesters in which courses are taught are listed below.
Students should check the class schedule for day/ evening avail-
ability and modifications caused by varying enrollments.

COMPLETING THE LISTED REQUIREMENTS
BELLOW RESULTS IN RECEIVING AN
ASSOCIATE OF SCIENCE TRANSFER DEGREE*
(minimum 72 credit hours; see department for articulation agree-
ment information)

PROGRAM
The Electronics Technology program fulfilling the AS degree
provides a broad and deep study for the wide variety of careers
in the electronics sectors, such as; space, defense, governments,
consumer, assemblies, components, semiconductors, telecommu-
nications, computers, industrial electronics, consumer electronics,
and semiconductors.

The courses are performance based, involving a balance of theory
and practical applications, which include circuit construction,
calculations, repair, instrumentation, measurements, and
troubleshooting.

The Associate of Science requirements fulfilled by courses
in Electronics Technology provide the first two years of a
bachelor of science degree in electronics engineering technology
(BSEE). These requirements are designed to interface with the
BSEEET programs at Weber State University, and Southern Utah
University.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>EIT 1120 Appl Math II Elect/Instr</td>
<td>4</td>
<td>F, Sp</td>
<td>EIT 1110</td>
</tr>
<tr>
<td>EIT 1210 DC Electrical Fundament</td>
<td>3</td>
<td>F, Sp</td>
<td>EIT 1110 or equiv</td>
</tr>
<tr>
<td>EIT 1220 AC Electrical Fundament</td>
<td>3</td>
<td>F, Sp</td>
<td>EIT 1110 or equiv</td>
</tr>
<tr>
<td>EIT 1230 Analog Devices/Circuits</td>
<td>3</td>
<td>Sp, Su</td>
<td>EIT 1120</td>
</tr>
<tr>
<td>EIT 1240 Digital Circuits</td>
<td>3</td>
<td>Sp, Su</td>
<td>EIT 1120</td>
</tr>
<tr>
<td>ELET 1200 Lab VIEW Basicst</td>
<td>2</td>
<td>A</td>
<td>EIT 1120</td>
</tr>
</tbody>
</table>

ELECTIVES (6-8 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ELET 2020 Tech Certification</td>
<td>2</td>
<td>F, Sp</td>
<td>Experience</td>
</tr>
<tr>
<td>ELET 2100 Adv Linear Cir</td>
<td>4</td>
<td>F, Sp</td>
<td>EIT 2120</td>
</tr>
<tr>
<td>ELET 2150 Com Systems</td>
<td>4</td>
<td>F, Sp</td>
<td>EIT 2120</td>
</tr>
</tbody>
</table>

*Minimum 72 credit hours; see department for articulation agreement information.*
ELET 1200 Adv Measure 4 F, Sp EIT 2130, EIT 2410
ELET 2410 Microwave Com 4 A ELET 2150
ELET 2430 Laser/Fiber Opt 4 A none
ELET 2480 FCC License Prep. 4 A Instructor's approval

RECOMMENDED SUPPORT COURSES
(STUDENT SHOULD CHECK WITH TRANSFERRING INSTITUTION)

MATH 1210 Calculus I 4 A MATH 2060 w/C or better
MATH 1220 Calculus II 4 A MATH 1210 w/C or better
PHYS 2210 Physics I/Sci & Eng I 4 A MATH 2110
PHYS 2215 Physics I/Sci & Eng I 1 A w/PHYS 2210
CHEM 1010 Intro to Chemistry 3 A none

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>SECOND SEMESTER</th>
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<tbody>
<tr>
<td>COMPOSITION</td>
<td>INST REQS</td>
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<tr>
<td>MATH 1050</td>
<td>EIT 1011</td>
</tr>
<tr>
<td>AMERICAN INST</td>
<td>DISTRIBUTION</td>
</tr>
<tr>
<td>ELET 1080</td>
<td>TOTAL</td>
</tr>
<tr>
<td>TOTAL 15</td>
<td>15-19</td>
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<table>
<thead>
<tr>
<th>THIRD SEMESTER</th>
<th>FOURTH SEMESTER</th>
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<tbody>
<tr>
<td>DISTRIBUTION</td>
<td>ELET 1100</td>
</tr>
<tr>
<td>ELET 1012</td>
<td>ELET 1120</td>
</tr>
<tr>
<td>ELET 1061</td>
<td>ELET 1130</td>
</tr>
<tr>
<td>ELET 2080</td>
<td>TOTAL 10</td>
</tr>
<tr>
<td>TOTAL 17</td>
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</table>

<table>
<thead>
<tr>
<th>FIFTH SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELET 2330</td>
</tr>
<tr>
<td>ELET 2750</td>
</tr>
<tr>
<td>ELECTIVES</td>
</tr>
<tr>
<td>TOTAL 14-16</td>
</tr>
</tbody>
</table>

*NOTE: Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education website: www.uthigher.edu/hel020a.html.

ASSOCIATE OF APPLIED SCIENCECTE IN ELECTRONICS TECHNOLOGY
(minimum 67 hours required)

The Associate of Applied Science Degree in Electronics Technology provides the student with a solid foundation in the fundamentals of theoretical and applied electronics, designed for students who intend to enter the work force after obtaining the AAS degree. Students will be prepared to operate, install, troubleshoot, repair, maintain and service electronic equipment and systems. It prepares students to assist engineers in many areas of research and development (R&D), space, defense, governments, consumer electronics, assemblies, components, semiconductors, telecommunications, computers, industrial electronics, consumer electronics, and semiconductors.

The Associate of Applied Science degree has a solid core in electronics and advanced second year courses which continue to build upon the fundamentals. The courses are performance based, involving a balance of theory and practical applications.

Student selection of electives can assist in the preparation and certification for specific career fields. Mathematics and physics support and enhance the program.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>Intro to Writing</td>
<td>3 A</td>
<td>pre-test ENGL 1010</td>
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</table>

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2100</td>
<td>Technical Wising</td>
<td>3 A</td>
<td>ENGL 1010</td>
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</table>

QUANTITATIVE STUDIES

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>EIT 1110</td>
<td>Appl Math I Electr/Instr</td>
<td>4 F, Sp</td>
<td>MATH 1010 w/C or better or CPT</td>
</tr>
</tbody>
</table>

COMMUNICATION

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTEL 1020</td>
<td>Career Speech Skills</td>
<td>3</td>
<td>none</td>
</tr>
<tr>
<td>COMI 1020</td>
<td>Principals of Pub Spk</td>
<td>3</td>
<td>none</td>
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</table>

HUMAN RELATIONS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTEL 1010</td>
<td>Leadership/Teambuild</td>
<td>3</td>
<td>none</td>
</tr>
<tr>
<td>LE 1220</td>
<td>Human Relations</td>
<td>3</td>
<td>none</td>
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</tbody>
</table>

DISTRIBUTION AREAS

COMPLET THE FOLLOWING DISTRIBUTION (PS) COURSE:

CHEM 1010 Intro to Chem 3 A none

MAJOR COURSE REQUIREMENTS (44 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>EIT 1120</td>
<td>Appl Math II Electr/Instr</td>
<td>4 F, Sp</td>
<td>EIT 1110 or equivalent w/C or better w/EIT 1110 or concurrent w/C or better MATH 1050 for AS</td>
</tr>
<tr>
<td>EIT 1210</td>
<td>DC Electrical Fundament</td>
<td>3 F, Sp</td>
<td>EIT 1120, w/EIT 1120 w/C or better MATH 1050 for AS</td>
</tr>
<tr>
<td>EIT 1220</td>
<td>AC Electrical Fundament</td>
<td>3 F, Sp</td>
<td>EIT 1230, w/EIT 1230 w/C or better MATH 1050 for AS</td>
</tr>
<tr>
<td>EIT 1230</td>
<td>Analog Devices/Circuits</td>
<td>3 Sp, Su</td>
<td>EIT 1230, w/C or better EIT 1230, w/C or better MATH 1050 for AS</td>
</tr>
<tr>
<td>EIT 1240</td>
<td>Digital Circuits</td>
<td>3 Sp, Su</td>
<td>EIT 1220, w/C or better EIT 1220, w/C or better MATH 1050 for AS</td>
</tr>
<tr>
<td>EIT 1080</td>
<td>Univ Assem&amp;Repair</td>
<td>2 A</td>
<td>EIT 1230, EIT 1240</td>
</tr>
<tr>
<td>EIT 1120</td>
<td>Circ S阅 analytic/Design</td>
<td>2 A</td>
<td>EIT 1230, EIT 1240</td>
</tr>
<tr>
<td>EIT 2010</td>
<td>Adv Circuit Anal</td>
<td>3 F, Sp</td>
<td>EIT 1230, EIT 1240</td>
</tr>
<tr>
<td>EIT 2020</td>
<td>Certification</td>
<td>2 F, Sp</td>
<td>EIT 1230, EIT 1240</td>
</tr>
<tr>
<td>EIT 2030</td>
<td>Surface Mt Tech</td>
<td>2 A</td>
<td>EIT 1230, EIT 1240</td>
</tr>
<tr>
<td>EIT 2100</td>
<td>Adv Linear Cir</td>
<td>4 F, Sp</td>
<td>EIT 1230, EIT 1240</td>
</tr>
<tr>
<td>EIT 2150</td>
<td>Adv Measure</td>
<td>4 F, Sp</td>
<td>EIT 1230, EIT 1240</td>
</tr>
<tr>
<td>EIT 2330</td>
<td>Microprocessors</td>
<td>4 A</td>
<td>EIT 1230, EIT 1240</td>
</tr>
<tr>
<td>EIT 2750</td>
<td>Elec Troubleshot</td>
<td>4 F, Sp</td>
<td>EIT 1230, EIT 1240</td>
</tr>
</tbody>
</table>

ELECTIVES (8 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ELET 1020</td>
<td>IPCA-610D</td>
<td>2 A</td>
<td>none</td>
</tr>
<tr>
<td>ELET 1030</td>
<td>IPCJ-Std-001D</td>
<td>2 A</td>
<td>ELET 1080, ELET 2080, ELET 1020 or equivalent Experience w/MS Windows and writing algorithms in the form of flowcharts or block diagrams</td>
</tr>
<tr>
<td>ELET 1200</td>
<td>Lab VIEW Basics</td>
<td>2 A</td>
<td>EIT 1230, EIT 1240</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELET 2150</td>
<td>Com Systems</td>
<td>4 A</td>
<td>EIT 1230, EIT 1240</td>
</tr>
<tr>
<td>ELET 2410</td>
<td>Microwave Com</td>
<td>4 TBA</td>
<td>ELET 2150</td>
</tr>
<tr>
<td>ELET 2420</td>
<td>Elect Video Systems</td>
<td>4 A</td>
<td>ELET 2150</td>
</tr>
<tr>
<td>ELET 2430</td>
<td>Laser/Fiber Opt</td>
<td>4 TBA</td>
<td>none</td>
</tr>
<tr>
<td>ELET 2480</td>
<td>FCC License Prep</td>
<td>4 A</td>
<td>Instructor's approval</td>
</tr>
<tr>
<td>TELE 1110</td>
<td>Telecom Cabling</td>
<td>2 A</td>
<td></td>
</tr>
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</table>

OPTIONAL ELECTIVES IN SUPPORT OF F.A.A. PROGRAM

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 2320</td>
<td>Com Maint (A-) Cert</td>
<td>4 A</td>
<td>CIS 1020 or equiv</td>
</tr>
</tbody>
</table>

SLCC 2010-2011 GENERAL COLLEGE CATALOG 157
**ELECTRONICS TECHNOLOGY**

**NET+ CERTIFICATION:**

<table>
<thead>
<tr>
<th>Course</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>TELE 2400 Intro to Comp Networking</td>
<td>4</td>
<td>A</td>
<td>Computer Literacy</td>
</tr>
</tbody>
</table>

**SAMPLE SCHEDULE**

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>second Semester</th>
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</thead>
<tbody>
<tr>
<td>ELET 1011 3</td>
<td>COMM 1010 3</td>
</tr>
<tr>
<td>ELET 1061 4</td>
<td>ELET 1012 3</td>
</tr>
<tr>
<td>ELET 1080 2</td>
<td>ELET 1061 3</td>
</tr>
<tr>
<td>ENGL 1010 3</td>
<td>LE 1220 3</td>
</tr>
<tr>
<td>TOTAL 12</td>
<td>TOTAL 15</td>
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</table>

<table>
<thead>
<tr>
<th>THIRD SEMESTER</th>
<th>FOURTH SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELET 1100 4</td>
<td>ELET 2010 3</td>
</tr>
<tr>
<td>ELET 1120 2</td>
<td>ELET 2020 2</td>
</tr>
<tr>
<td>ELET 1130 4</td>
<td>ELET 2100 4</td>
</tr>
<tr>
<td>ELET 2080 2</td>
<td>ELET 2200 4</td>
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<tr>
<td>TOTAL 12</td>
<td>TOTAL 13</td>
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<table>
<thead>
<tr>
<th>FIFTH SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELET 2350 4</td>
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<tr>
<td>ELET 2750 4</td>
</tr>
<tr>
<td>ELECTIVES 8</td>
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<td>TOTAL 16</td>
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</table>

**ASSOCIATE OF APPLIED SCIENCE® IN ELECTRONICS TECHNOLOGY BIOMEDICAL EQUIPMENT TECHNOLOGY EMPHASIS (MINIMUM 68 HOURS REQUIRED)**

Estimated cost of books and supplies per semester  
First Year: $680  
Second Year: $680

**PROGRAM DESCRIPTION**

The Biomedical Equipment Technician is filling an important role in today’s specialized medical industry. You can enter this field after completing a two-year program at Salt Lake Community College.

As a biomedical equipment technician you will be skilled in the specialized field of biomedical instrumentation and equipment. You will be able to install, repair, maintain, calibrate and insure safe operation of all biomedical equipment in a health care facility. You will also be able to instruct professional staff members on new technology.

As a student in this highly specialized field, you can learn to inspect, calibrate, maintain, troubleshoot, repair electronic, mechanical and electro-mechanical equipment used in the medical and health care industry. Students gain knowledge and experience working with everything from the simplest suction pump to the most sophisticated laboratory equipment, cardiac monitors, X-ray and ultrasound equipment.

You will learn communication, math, electronic and digital skills, as well as gain an understanding of anatomy, physiology and medical terminology. The program builds from introductory courses to instruction in more complex areas, while allowing you to work in a medical facility with a trained biomedical equipment technician.

This is a career with a future the aging population will increase the need for medical care and the demand for these technicians. You may be employed by a manufacturer of biomedical equipment, work in a hospital or other medical facility, or have your own business.

Upon completion of the Biomedical Equipment Technology program, you will receive an Associate of Applied Science degree in Electronics Technology. This will qualify you to take the International Certification Examination from the Association for the Advancement of Medical Instrumentation.

**PROGRAM COURSE REQUIREMENTS AND ELECTIVES**

**GENERAL EDUCATION REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 INTRO TO WRITING</td>
<td>3</td>
<td>A</td>
<td>PRE-TEST</td>
</tr>
<tr>
<td>ELET 1110 APPL MATH/ELECTR/INSTR</td>
<td>4</td>
<td>F, SP</td>
<td>MATH 1010 w/C or better or CPT</td>
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**COMUNICATION**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTEL 1020 CAREER SPEECH SKILLS</td>
<td>3</td>
<td>A</td>
<td>NONE</td>
</tr>
<tr>
<td>CTEL 1010 LEADERSHIP &amp; TEAMBUILDING</td>
<td>3</td>
<td>A</td>
<td>ONE</td>
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**DISTRIBUTION AREAS**

COMPLETE THE FOLLOWING DISTRIBUTION (PS) COURSE

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>BIOL 1110 Intro to Hist/Phys</td>
<td>3</td>
<td>A</td>
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**MAJOR COURSE REQUIREMENTS**

(52 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>EIT 1120 APPL MATH/ELECTR/INSTR</td>
<td>4</td>
<td>F, SP</td>
<td>EIT 1110 or equiv w/C or better</td>
</tr>
<tr>
<td>EIT 1210 DC Electrical Fundamen</td>
<td>3</td>
<td>F, Sp</td>
<td>EIT 1110 or concurrent w/C or better MATH 1050 for AS</td>
</tr>
<tr>
<td>EIT 1220 AC Electrical Fundamen</td>
<td>3</td>
<td>F, Sp</td>
<td>EIT 1120 w/C or better MATH 1060 for AS</td>
</tr>
<tr>
<td>EIT 1230 Analog Devices/Circuits</td>
<td>3</td>
<td>Su</td>
<td>EIT 1120 w/C or better MATH 1060 for AS</td>
</tr>
<tr>
<td>EIT 1240 Digital Circuits</td>
<td>3</td>
<td>Sp, Su</td>
<td>EIT 1220 w/C or better</td>
</tr>
<tr>
<td>ELET 1080 Univ Assembly &amp; Repair</td>
<td>2</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ELET 2020 Tech Certification</td>
<td>2</td>
<td>F, Sp</td>
<td>EIT 1230, EIT 1240 w/C or better</td>
</tr>
<tr>
<td>ELET 2150 Com Systems</td>
<td>4</td>
<td>A</td>
<td>ELET 1080 EIT 1230</td>
</tr>
<tr>
<td>ELET 2200 Adv Measure</td>
<td>4</td>
<td>F, Sp</td>
<td>ELET 1230, EIT 1240</td>
</tr>
<tr>
<td>ELET 2300 Microprocessors</td>
<td>4</td>
<td>A</td>
<td>ELET 1240</td>
</tr>
<tr>
<td>ELET 2750 Elec Troubleshoot</td>
<td>4</td>
<td>F, Sp</td>
<td>EIT 1230, EIT 1240</td>
</tr>
<tr>
<td>ELET 2800 Biomed Instrumenta</td>
<td>4</td>
<td>A</td>
<td>ELET 2020, BIOL 1110</td>
</tr>
<tr>
<td>ELET 2810 Biomed Instrumenta I</td>
<td>4</td>
<td>A</td>
<td>ELET 2800</td>
</tr>
<tr>
<td>ELET 2615 BMI Fieldwork Exper</td>
<td>4</td>
<td>A</td>
<td>ELET 2610</td>
</tr>
<tr>
<td>TELE 2320 Comp Maint (Av) Cert</td>
<td>4</td>
<td></td>
<td>CIS 1010 or equivalent</td>
</tr>
</tbody>
</table>

**ADDITIONAL RECOMMENDED COURSES**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELET 2600 LASER/FIBER OPT</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>TELE 1110 Telecom Cabling</td>
<td>2</td>
<td>A</td>
<td>ELET 1080</td>
</tr>
<tr>
<td>ELET 2080 Surface Mt Tech</td>
<td>2</td>
<td>A</td>
<td>ELET 1080</td>
</tr>
<tr>
<td>TELE 2400 Intro to Comp Networking</td>
<td>4</td>
<td></td>
<td>Computer Literacy</td>
</tr>
</tbody>
</table>

**SAMPLE SCHEDULE**

<table>
<thead>
<tr>
<th>FIRST SEMESTER</th>
<th>second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELET 1011 3</td>
<td>CTEL 1020 3</td>
</tr>
<tr>
<td>ELET 1001 4</td>
<td>ELET 1012 3</td>
</tr>
<tr>
<td>ELET 1080 2</td>
<td>ELET 1061 3</td>
</tr>
<tr>
<td>ENGL 1010 3</td>
<td>ELET 2080 2</td>
</tr>
<tr>
<td>TOTAL 12</td>
<td>TOTAL 14</td>
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</tbody>
</table>
CONSUMER ELECTRONICS

(Minimum 27 hours required)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>EIT 1110 Appl Math I Electr/Instr</td>
<td>4</td>
<td>F, Sp</td>
<td>MATH 1010 w/C or better or CPT</td>
</tr>
<tr>
<td>EIT 1120 Appl Math II Electr/Instr</td>
<td>4</td>
<td>F, Sp</td>
<td>EIT 1110 or equivalent w/C or better or CPT</td>
</tr>
<tr>
<td>EIT 1120 DC Electrical Fundement</td>
<td>3</td>
<td>F, Sp</td>
<td>EIT 1110 or equivalent w/C or better or concurrent; MATH 1050 for AS</td>
</tr>
<tr>
<td>EIT 1120 AC Electrical Fundement</td>
<td>3</td>
<td>F, Sp</td>
<td>EIT 1210 and EIT 1120 or equivalent w/C or better or concurrent; MATH 1060 for AS</td>
</tr>
</tbody>
</table>

EMT (EMERGENCY MEDICAL TECHNICIAN TRAINING)

SEE CONTINUING EDUCATION.

ENERGY MANAGEMENT

Division Office LHM MFEC 211, (801) 957-3141
Academic Advisor SI 209, (801) 957-4858

Associate Professor: Lee Brinton

THE PROGRAM

The Energy Management degree is designed to prepare students for careers in the fast-growing field of energy management as technical professionals. Students will study the energy-related building sub-systems including heating, ventilation and air conditioning systems, electrical and lighting systems and the building envelope; energy analysis techniques; building simulation methods; life cycle costs and return on investment calculations; and alternative energy sources. Students will apply these skills to recommend improvements that result in greater energy efficiency and energy cost savings in residential and commercial buildings.

This is a comprehensive program which provides students with practical hands-on experience. Students will be required to participate in an internship experience where they will gain relevant field experience which integrates theory and practice. This environment will give students opportunities to develop relevant field experience which integrates theory and practice.

The program is offered as an accelerated degree allowing students to complete the two-year program in less than 18 months. Students will complete a series of seven, accelerated 10 week blocks of courses. The semester each course is offered will vary depending on when a new cohort starts. New students will be accepted into the program every 8 to 9 months. Students may contact the program coordinator for current class schedule information.
ENGINEERING

PREPARATION NOTE
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. Math 0990 with C or better or appropriate Accuplacer score; WRTG 0990 w/C or better or appropriate Accuplacer score; basic proficiency in MS Excel are required for program admission.

ASSOCIATE OF APPLIED SCIENCE DEGREE IN ENERGY MANAGEMENT

GENERAL EDUCATION REQUIREMENTS (16 CREDITS)

CORE SKILLS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
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QUANTITATIVE STUDIES (QS) 4 CREDITS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1010 Intermediate Algebra</td>
<td>4</td>
<td>A</td>
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</table>

COMMUNICATIONS (CM) 3 CREDITS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1010 Elem of Efl Comm</td>
<td>3</td>
<td>A</td>
</tr>
</tbody>
</table>

HUMAN RELATIONS (HR) 3 CREDITS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR SEM</th>
<th>PREREQUISITIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1110 Interpers Comm. (ID,HR)</td>
<td>3</td>
<td>F, Sp</td>
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</table>

DISTRIBUTION AREAS (3 CREDITS)
Choose an additional three credit hours from one of the following distribution areas:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR SEM</th>
<th>PREREQUISITIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Science (BS)</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>Fine Arts (FA)</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>Humanities (HU)</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>Interdisciplinary (ID)</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>Physical Science (PS)</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>Social Science (SS)</td>
<td>3</td>
<td>A</td>
</tr>
</tbody>
</table>

See pp. 23-27 in SLCC catalog for options in each of these categories.

MAJOR COURSE REQUIREMENTS (46 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR SEM</th>
<th>PREREQUISITIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 1100 Intro to Arch Drawing</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>CIS 1010 Spreadsheet Applications</td>
<td>2</td>
<td>None</td>
</tr>
<tr>
<td>ENGL 2100 Technical Writing</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>PHYS 1010 Elementary Physics (PS)</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>EGM 1010 Intro to Energy Mgmt</td>
<td>2</td>
<td>None</td>
</tr>
<tr>
<td>EGM 1110 Res/Light Comm Engy Use</td>
<td>2</td>
<td>None</td>
</tr>
<tr>
<td>EGM 1120 Comm Energy Analysis</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>EGM 1130 Building Energy Sims</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>EGM 1210 Air Cond System Analysis</td>
<td>2</td>
<td>None</td>
</tr>
<tr>
<td>EGM 1220 Comm A/C System Anal</td>
<td>2</td>
<td>None</td>
</tr>
<tr>
<td>EGM 1230 Energy Control Strategies</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>EGM 1240 Energy Efficiency Methods</td>
<td>2</td>
<td>None</td>
</tr>
<tr>
<td>EGM 1310 Lighting Fundamentals</td>
<td>2</td>
<td>None</td>
</tr>
<tr>
<td>EGM 1320 Lighting Applications</td>
<td>2</td>
<td>None</td>
</tr>
<tr>
<td>EGM 1410 Energy Invest Analysis</td>
<td>2</td>
<td>None</td>
</tr>
<tr>
<td>EGM 1420 Energy Accounting</td>
<td>2</td>
<td>None</td>
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</table>

EGMT 2060 Energy Mgt Seminar | 1 | None |
EGMT 2065 Energy Mgt Seminar | 1 | None |
EGMT 2800 Energy Mgt Internship | 4 | None |

ELECTIVES (5 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR SEM</th>
<th>PREREQUISITIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 2990 Special Topics (Green Bldg)</td>
<td>3</td>
<td>Sp</td>
</tr>
<tr>
<td>EGM 1600 Intro to Water Resources</td>
<td>2</td>
<td>None</td>
</tr>
<tr>
<td>EGM 1710 Basic Photovoltaic Systems</td>
<td>2</td>
<td>None</td>
</tr>
<tr>
<td>EGM 1720 Adv Photovoltaic Systems</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>ENVT 1100 Race to Save Planet (ID)</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>GEOG 1800 Geospatial Technology</td>
<td>3</td>
<td>A</td>
</tr>
</tbody>
</table>

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>SEMESTER 1 BLOCK 1</th>
<th>SEMESTER 2 BLOCK 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 1100 3</td>
<td>EGM 1010 2</td>
</tr>
<tr>
<td>EGM 1010 2</td>
<td>MATH 1010 4</td>
</tr>
<tr>
<td>MATH 1010 4</td>
<td>GG 2980 2</td>
</tr>
<tr>
<td>GG 2980 2</td>
<td>TECH ELEC 2</td>
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<tr>
<td>TECH ELEC 2</td>
<td>TOTAL 8</td>
</tr>
<tr>
<td>TOTAL 13</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SEMESTER 1 BLOCK 3</th>
<th>SEMESTER 2 BLOCK 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGM 1210 2</td>
<td>EGM 1010 2</td>
</tr>
<tr>
<td>EGM 1220 2</td>
<td>EGM 1210 3</td>
</tr>
<tr>
<td>EGM 1310 2</td>
<td>TECH ELEC 3</td>
</tr>
<tr>
<td>EGM 1210 3</td>
<td>TOTAL 6</td>
</tr>
<tr>
<td>TECH ELEC 3</td>
<td></td>
</tr>
<tr>
<td>TOTAL 12</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>SEMESTER 1 BLOCK 5</th>
<th>SEMESTER 2 BLOCK 6</th>
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</thead>
<tbody>
<tr>
<td>EGM 1120 3</td>
<td>EGM 1120 3</td>
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<tr>
<td>EGM 1120 3</td>
<td>TECH ELEC 3</td>
</tr>
<tr>
<td>TECH ELEC 3</td>
<td>TOTAL 9</td>
</tr>
<tr>
<td>TOTAL 12</td>
<td>COMM 3</td>
</tr>
<tr>
<td>COMM 3</td>
<td>DIST 3</td>
</tr>
<tr>
<td>DIST 3</td>
<td>TOTAL 12</td>
</tr>
</tbody>
</table>

NOTE: Gen Ed courses are full 15 week semester courses and will be taken separate from the 10 week block schedule.

ENGINEERING

Estimated cost of books and supplies per semester: $300-350

Science and Industry Building Room 205 (801) 957-4816
General Information (801) 957-4073
Academic Advisor (801) 957-4585
Department Chair, Dr. Nick Safai: (801) 957-4757
www.slcc.edu/engineering

Professors: Hassan Mohsenian, Nick Safai
Associate Professor: Francis Afghan, Lee Brinton, Holly Moore
Assistant Professor: Sara Farida
Instructors: Vinayak Kamdar

THE PROGRAM
Chemical engineering emphasizes physical, life and engineering sciences to convert raw materials into necessary materials and energy systems. Civil/Environmental engineering encompasses a wide range of engineering projects dealing with buildings, bridges, dams, highways, transportation systems, water supply systems, fluid flow, water reclamation and geotechnical problems. Computer engineering focuses on design and use of computers to solve and analyze math and physics problems. Electrical engineering is a branch of applied physics, which uses mathematical concepts to analyze and design electrical devices and systems. Materials science engineering involves chemistry and physics to
develop scientific and engineering aspects of materials. Mechanical engineering also uses math and physics to analyze and design mechanical devices and machine systems. Manufacturing engineering focuses on methods and processes of manufacturing.

ASSOCIATE OF PRE-ENGINEERING DEGREE
The associate of pre-engineering degree is offered in each of the seven engineering disciplines. It is a transfer degree similar to the associate of science degree, but has reduced General Education requirements. Current accreditation board of engineering and technology (ABET) standards require upper-division General Education courses. The engineering students who complete this degree may apply for advanced-placement at an engineering school, but must complete General Education requirements at the senior institution.

PREPARATION NOTE
Each program requires as a prerequisite a science-oriented high school curriculum which includes as much mathematics, chemistry, physics and English as possible. Students who do not qualify to enter MATH 1210, CHEM 1110 and ENGL 1010 should take prerequisite courses before entering the first semester of their program. Students who need to take preparatory courses to meet the requirements of first semester courses should plan on extra time to complete the program. Consult with the academic advisor concerning these courses.

It is the student’s responsibility to examine each course description for details of prerequisite courses. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY
The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS
BELOW RESULTS IN RECEIVING AN ASSOCIATE OF PRE-ENGINEERING TRANSFER DEGREE*

CHEMICAL ENGINEERING
(minimum 71 hours required)

GENERAL EDUCATION REQUIREMENTS
General Education requirements in this degree are reduced. Students who earn an Associate of Pre-Engineering degree will need to complete additional General Education requirements for a bachelor’s degree at the receiving institution. Transfer students should obtain advising regarding General Education requirements specific to Engineering majors at the U of U.

CORE SKILLS
COMPOSITION
ENGL 1010 Intro to Writing 3 A pre-test
ENGL 2010 Intern Writing 3 A ENGL 1010 w/C or better
OR
ENGL 2100 Technical Writing 3 A ENGL 1010

QUANTITATIVE STUDIES
MATH 1210 Calculus I 4 A MATH 1060

AMERICAN INSTITUTIONS (3 CREDITS)
ECON 1740 Econ Hist of US 3 A RDG 0990 w/C or better or appropriate placement
OR
HIST 1700 Amer Civilization 3 A RDG 0990 w/C or better or appropriate placement
OR
POLS 1100 US Gov & Politics 3 A RDG 0990 w/C or better or appropriate placement

DISTRIBUTION AREAS
Choose an additional six credit hours from two of the following distribution areas:
- Fine Arts 3 A none
- Humanities 3 A none
- Social Science 3 A none
See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>CEEN 2010 Statics</td>
<td>3</td>
<td>F, Sp</td>
<td>MATH 1210, PHYS 2210</td>
</tr>
<tr>
<td>CHEM 2140 Strength of Mat</td>
<td>2</td>
<td>F, Sp</td>
<td>CHEM 2010, w/MATH 2540, w/CHEM 2145, w/CHEM 2140</td>
</tr>
<tr>
<td>*CEEN 2145 Stregh of Mat Lab</td>
<td>1</td>
<td>F, Sp</td>
<td>ENGR 1040, MATH 2520</td>
</tr>
<tr>
<td>CHE 2450 Num Tech</td>
<td>2</td>
<td>Sp</td>
<td>CHEM 2100</td>
</tr>
<tr>
<td>CHE 2800 Fund of Pro Eng</td>
<td>3</td>
<td>Sp</td>
<td>CHEM 1210, MATH 1220, PHYS 2210</td>
</tr>
<tr>
<td>CHE 2300 Eng Thermodynamics</td>
<td>2</td>
<td>Sp, Su</td>
<td>MATH 2120, MATH 2125</td>
</tr>
<tr>
<td>CHEM 1210 General Chemistry I</td>
<td>4</td>
<td>Sp, Su</td>
<td>CHEM 1210, MATH 1220, PHYS 2210</td>
</tr>
<tr>
<td>CHEM 1215 Gen Chem Lab I</td>
<td>1</td>
<td>F, Sp</td>
<td>CHEM 1210, MATH 2120, w/CHEM 2245</td>
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<tr>
<td>CHEM 2220 General Chemistry II</td>
<td>4</td>
<td>F, Sp</td>
<td>CHEM 1220, CHEM 2210, w/CHEM 2310</td>
</tr>
<tr>
<td>CHEM 2225 Gen Chem II Lab</td>
<td>1</td>
<td>Sp, Su</td>
<td>CHEM 1220, w/CHEM 2310</td>
</tr>
<tr>
<td>CHEM 2310 Organic Chem I</td>
<td>4</td>
<td>F, Sp</td>
<td>CHEM 2220, w/CHEM 2310</td>
</tr>
<tr>
<td>CHEM 2315 Organic Chem Lab I</td>
<td>1</td>
<td>F, Sp</td>
<td>PHYS 2210</td>
</tr>
<tr>
<td>ENGR 1040 Engineer Comp OR</td>
<td>3</td>
<td>F, Sp</td>
<td>MATH 1050</td>
</tr>
<tr>
<td>ENGR 1000 Intro to Eng</td>
<td>2</td>
<td>F, Sp</td>
<td>MATH 1060, w/ENGR 1020</td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGR 1020 Intro to Eng Lab</td>
<td>1</td>
<td>F, Sp</td>
<td>w/ENGR 1000</td>
</tr>
<tr>
<td>MATH 1220 Calculus II</td>
<td>4</td>
<td>A</td>
<td>MATH 1210</td>
</tr>
<tr>
<td>*MATH 2210 Multivariate Calculus</td>
<td>3</td>
<td>A</td>
<td>MATH 1220</td>
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<tr>
<td>MATH 2250 Diff Equln Alg</td>
<td>4</td>
<td>F, Sp</td>
<td>MATH 1220</td>
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<tr>
<td>PHYS 2210 Physics f/Sci &amp; Eng I</td>
<td>4</td>
<td>A</td>
<td>MATH 1210</td>
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<tr>
<td>PHYS 2215 Physics f/SciEng L I</td>
<td>1</td>
<td>A</td>
<td>w/PYS 2210</td>
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<tr>
<td>PHYS 2220 Physics f/SciEng II</td>
<td>4</td>
<td>A</td>
<td>PHYS 2210</td>
</tr>
<tr>
<td>PHYS 2225 Physics f/SciEng LII</td>
<td>1</td>
<td>A</td>
<td>w/PYS 2220</td>
</tr>
</tbody>
</table>

*Recommended but not required at the University of Utah

ELECTIVES (OPTIONAL)
MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>SEE ADVISOR</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 2000 CO-OP Education</td>
<td>1-2</td>
<td>A</td>
<td>2nd year w/instructor’s approval</td>
<td></td>
</tr>
<tr>
<td>CHEM 2320 Organic Chem II</td>
<td>4</td>
<td>A</td>
<td>CHEM 2310, w/C or better, w/CHEM 2325</td>
<td></td>
</tr>
<tr>
<td>CHEM 2325 Organic Chem Lab II</td>
<td>1</td>
<td>A</td>
<td>CHEM 2310, w/C or better, w/CHEM 2320</td>
<td></td>
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SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
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<tbody>
<tr>
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<td>CHEM 1220 4</td>
</tr>
<tr>
<td>CHEM 1215 1</td>
<td>CHEM 1225 1</td>
</tr>
<tr>
<td>ENGR 1040 3</td>
<td>ENGR 2010 3</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>ENGR 1000 2</td>
<td>ENGR 1020 2</td>
</tr>
<tr>
<td>OR</td>
<td>AND</td>
</tr>
<tr>
<td>ENGR 1020 1</td>
<td>PHYS 2210 4</td>
</tr>
<tr>
<td>ENGL 1010 3</td>
<td>PHYS 2215 1</td>
</tr>
<tr>
<td>MATH 1210 4</td>
<td>TOTAL 17</td>
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<tr>
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</table>

2ND FALL SEMESTER

<table>
<thead>
<tr>
<th>2ND SPRING SEMESTER</th>
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<tbody>
<tr>
<td>CHEEN 2010 3</td>
</tr>
<tr>
<td>CHE 2300 2</td>
</tr>
<tr>
<td>CHEM 2310 4</td>
</tr>
<tr>
<td>CHEM 2315 1</td>
</tr>
<tr>
<td>MATH 2250 4</td>
</tr>
<tr>
<td>PHYS 2220 4</td>
</tr>
<tr>
<td>PHYS 2225 1</td>
</tr>
<tr>
<td>TOTAL 19</td>
</tr>
</tbody>
</table>
COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF PRE-ENGINEERING TRANSFER DEGREE*

CIVIL/ENVIRONMENTAL ENGINEERING
(minimum 71.5 hours required.)

GENERAL EDUCATION REQUIREMENTS
General Education requirements in this degree are reduced. Students who earn an Associate of Pre-Engineering degree will need to complete additional General Education requirements for a bachelor's degree at the receiving institution. Transfer students should obtain advising regarding General Education requirements specific to Engineering majors at the U of U.

*NOTE: Admission into an engineering major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hel02a.html.

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR SEM</th>
<th>PREREQUISITES</th>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
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<tr>
<td>ARCH 1310 Intro to AutoCAD</td>
<td>3 F</td>
<td>comp literacy or instructor approval</td>
<td>MATH 1010</td>
<td>CHEM 2010 4</td>
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<tr>
<td>CEEN 1100 Civil Eng Design</td>
<td>3 F</td>
<td>MATH 1010</td>
<td>CHEM 1210 1</td>
<td>ENGR 1220 4</td>
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<td>3 A</td>
<td>PHYS 2210</td>
<td>CHEM 1210</td>
<td>PHYS 2220 4</td>
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<td>CEEN 2020 Dynamics I</td>
<td>2 F, Sp</td>
<td>CEEN 2010, MATH 1120</td>
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<td>4 F</td>
<td>MATH 1060</td>
<td>MATH 2210 4</td>
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<td>CHEM 1210</td>
<td>MATH 1210, PHYS 2220</td>
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<tr>
<td>CHEM 2125 Gen Chem Lab II</td>
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<td>w/ CHEM 1220</td>
<td>PHYS 2210, w/PHYS 2225</td>
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<tr>
<td>PHYS 2120 Phys for Sci &amp; Eng II</td>
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<td>ENGR 1020 Intro to Engr Lab I</td>
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<td>MATH 1060, w/ENGR 1020</td>
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<tr>
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<td>1.5 Sp</td>
<td>PHYS 2210, w/MATH 2230</td>
<td>CHEM 2120</td>
<td></td>
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*NOTE: Admission into an engineering major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hel02a.html.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF PRE-ENGINEERING TRANSFER DEGREE*

COMPUTER ENGINEERING
(minimum 69 hours required.)

GENERAL EDUCATION REQUIREMENTS
General Education requirements in this degree are reduced. Students who earn an Associate of Pre-Engineering degree will need to complete additional General
Education requirements for a bachelor’s degree at the receiving institution. Transfer students should obtain advising regarding General Education requirements specific to Engineering majors at the U of U.

TRANSFER NOTE
The U of U offers two different major options:

**COMPUTER SCIENCE**
**COMPUTER ENGINEERING**

Students should see an advisor to adjust SLCC program requirements according to the major option they are pursuing. Transfer students should also obtain advising regarding General Education requirements specific to Engineering majors at the U of U.

**CORE SKILLS**
**COMPOSITION**
ENGL 1010 Intro to Writing 3 A pre-test
ENGL 2010 Interim Writing 3 A ENGL 1010 w/C or better
OR ENGL 2100 Technical Writing 3 A ENGL 1010

**QUANTITATIVE STUDIES**
MATH 1210 Calculus I 4 A MATH 1060

**AMERICAN INSTITUTIONS (3 CREDITS)**
ECON 1740 Econ Hist of US 3 A RDG 0990 w/C or better or appropriate placement
OR HIST 1700 Amer Civilization 3 A RDG 0990 w/C or better or appropriate placement
OR POLS 1100 US Gov & Politics 3 A RDG 0990 w/C or better or appropriate placement

**DISTRIBUTION AREAS**
Choose an additional nine credit hours from three of the following distribution areas:
- Fine Arts (FA)
- Humanities (HU)
- Social Science (SS)

See pp. 23–27 for options in each of these categories.

**MAJOR COURSE REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>CHEM 1210 General Chem I</td>
<td>4</td>
<td>F, Sp</td>
<td>MATH 1090</td>
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<tr>
<td>ENGR 1040 Engineer Comp</td>
<td>3</td>
<td>F, Sp</td>
<td>MATH 1060</td>
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<tr>
<td>ENGR 1000 Intro to Engr</td>
<td>2</td>
<td>F, Sp</td>
<td>MATH 1060, w/ENGR 1020</td>
</tr>
<tr>
<td>AND ENGR 1020 Intro to Eng Lab</td>
<td>1</td>
<td>F, Sp</td>
<td>w/ENGR 1000</td>
</tr>
<tr>
<td>CS 1410 Obj Oriented Progr</td>
<td>3</td>
<td>A</td>
<td>CS 1400</td>
</tr>
<tr>
<td>CS 1415 Practical OOP Program</td>
<td>1</td>
<td>A</td>
<td>w/CS 1410</td>
</tr>
<tr>
<td>CS 2420 Algorithms &amp; Data Struc</td>
<td>3</td>
<td>A</td>
<td>CS 1410</td>
</tr>
<tr>
<td>CS 2425 Code Analysis &amp; Tuning</td>
<td>1</td>
<td>A</td>
<td>w/CS2420</td>
</tr>
<tr>
<td>CS 2430 DiscreteStruct</td>
<td>3</td>
<td>Sp</td>
<td>CS 2420</td>
</tr>
<tr>
<td>CPE 2700 Digital Sys Dgn</td>
<td>4</td>
<td>Sp</td>
<td>ENGR 1040, MATH 1090</td>
</tr>
<tr>
<td>CS 2810 Comp Architecture</td>
<td>4</td>
<td>F, Sp</td>
<td>CS 1410</td>
</tr>
<tr>
<td>EE 1020 Elect Eng Prob</td>
<td>1</td>
<td>F, Sp</td>
<td>none</td>
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<tr>
<td>EE 1030 UNIX/EE Students</td>
<td>1</td>
<td>F, Sp</td>
<td>none</td>
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<tr>
<td>MATH 1220 Calculus II</td>
<td>4</td>
<td>A</td>
<td>MATH 1210</td>
</tr>
<tr>
<td>MATH 2210 Multivariat Cal</td>
<td>3</td>
<td>A</td>
<td>MATH 1220</td>
</tr>
<tr>
<td>MATH 2220 Diff Equa Lin Alg</td>
<td>4</td>
<td>F, Sp</td>
<td>MATH 1220</td>
</tr>
<tr>
<td>PHYS 2210 Physics I/Sci &amp; Eng I</td>
<td>4</td>
<td>A</td>
<td>MATH 1210</td>
</tr>
<tr>
<td>PHYS 2220 Physics II/SciEng II</td>
<td>4</td>
<td>A</td>
<td>PHYS 2210</td>
</tr>
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</table>

**ELECTIVES (OPTIONAL)**

May be required at some transfer institutions. See advisor.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPE 2720 Computer Design</td>
<td>2</td>
<td>F, Sp</td>
<td>CPE 2700, w/CS 2810</td>
</tr>
<tr>
<td>CS 2000 Co-op Education</td>
<td>1</td>
<td>F, Sp</td>
<td>Instructor’s approval</td>
</tr>
<tr>
<td>CS 2900 Current Topics/CS</td>
<td>1</td>
<td>F, Sp</td>
<td>Instructor’s approval</td>
</tr>
<tr>
<td>EE 1010 IntrLbInstr/Mthds</td>
<td>1</td>
<td>F, Sp</td>
<td>none</td>
</tr>
</tbody>
</table>

**EE 1270 ElecCrcs/CmpEng** 4 F, Sp | MATH 1210, MATH 1220, PHYS 2210, EE 1020
**EE 2160 Fund of Elec Cir** 4 F, Sp | EE 1010, EE 1270, PHYS 2220
**EE 2280 Engineer Elec** 4 F, Sp | EE 1270, MATH 2250, PHYS 2220

NOTE: Students planning to major in computer engineering should also take CPE 2720, EE 1270, EE 2260 and EE 2280 which articulate to the University of Utah computer engineering program.

**SAMPLE SCHEDULE**

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
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<tbody>
<tr>
<td>ENGR 1040 3</td>
<td>CS 2420 3</td>
</tr>
<tr>
<td>ENGR 1000 2</td>
<td>CS 2810 4</td>
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<td>AND ENGR 1020 1</td>
<td>CHEM 1100 4</td>
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<td>AND ENGR 1020 1</td>
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<tr>
<td>HIST 1700 3</td>
<td>MATH 2210 3</td>
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<tr>
<td>TOTAL 17</td>
<td>TOTAL 17</td>
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<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 2420 4</td>
<td>CS 2430 3</td>
</tr>
<tr>
<td>CPE 2700 4</td>
<td>MATH 2250 4</td>
</tr>
<tr>
<td>MATH 2210 3</td>
<td>DISTRIBUTION 6</td>
</tr>
<tr>
<td>DISTRIBUTION 3</td>
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</table>

**NOTE:** Admission into an engineering major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education website: www.utahsbr.edu/hel02a.html.

**COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF PRE-ENGINEERING TRANSFER DEGREE**

**ELECTRICAL ENGINEERING**

(minimum 72 hours required.)

**GENERAL EDUCATION REQUIREMENTS**

General Education requirements in this degree are reduced. Students who earn an Associate of Pre-Engineering degree will need to complete additional General Education requirements for a bachelor’s degree at the receiving institution. Transfer students should obtain advising regarding General Education requirements specific to Engineering majors at the U of U.

**TRANSFER NOTE**

Transfer students should obtain advising regarding General Education requirements specific to Engineering majors at the U of U.

**CORE SKILLS**

**COMPOSITION**
ENGL 1010 Intro to Writing 3 A pre-test
ENGL 2010 Interim Writing 3 A ENGL 1010 w/C or better
OR ENGL 2100 Technical Writing 3 A ENGL 1010

**QUANTITATIVE STUDIES**
MATH 1210 Calculus I 4 A MATH 1060

**AMERICAN INSTITUTIONS (3 CREDITS)**
ECON 1740 Econ Hist of US 3 A RDG 0990 w/C or better or appropriate placement

**ELECTIVES (OPTIONAL)**

May be required at some transfer institutions. See advisor.

<table>
<thead>
<tr>
<th>COURSE</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>CS 2000 Co-op Education</td>
<td>1</td>
<td>F, Sp</td>
<td>Instructor’s approval</td>
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<tr>
<td>CS 2900 Current Topics/CS</td>
<td>1</td>
<td>F, Sp</td>
<td>Instrucor’s approval</td>
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<tr>
<td>EE 1010 IntrLbInstr/Mthds</td>
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<td>F, Sp</td>
<td>none</td>
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<table>
<thead>
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<th>COURSE</th>
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<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>CPE 2700</td>
<td>2</td>
<td>F, Sp</td>
<td>CPE 2700, w/CS 2810</td>
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</table>

**SLCC 2010-2011 GENERAL COLLEGE CATALOG**

163
Major course requirements

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>CHE 2300 Eng/Thermodynamics</td>
<td>2</td>
<td>F</td>
<td>CHEM 1210, MATH 1220 and PHYS 2210</td>
</tr>
<tr>
<td>CHEM 1210 General Chem I</td>
<td>4</td>
<td>F, Sp</td>
<td>MATH 1050, w/Chem 1215</td>
</tr>
<tr>
<td>CHEM 1215 Gen Chem Lab I</td>
<td>1</td>
<td>F, Sp</td>
<td>w/Phys 2210</td>
</tr>
<tr>
<td>CS 1610 Struct Programing C/C++</td>
<td>4</td>
<td>Sp</td>
<td>MATH 1060 or concurrent</td>
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<tr>
<td>EE 1010 Lab Inst &amp; Meth</td>
<td>1</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>EE 1020 Elect Eng Prob</td>
<td>1</td>
<td>F, Sp</td>
<td>none</td>
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<tr>
<td>EE 1030 UNIX/IEEE Students</td>
<td>1</td>
<td>F, Sp</td>
<td>none</td>
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<tr>
<td>EE 1270 Intro to Elect Circ Its</td>
<td>4</td>
<td>F, Sp</td>
<td>MATH 1120, w/Math 1220, Phys 2210 and EE 1020</td>
</tr>
<tr>
<td>EE 2210 Fund of Elec Circ</td>
<td>4</td>
<td>F, Sp</td>
<td>EE 1010, EE 1270, Phys 2210</td>
</tr>
<tr>
<td>EE 2280 Fnds of Engr Elect</td>
<td>4</td>
<td>F, Sp</td>
<td>EE 1270, MATH 2450, Phys 2210</td>
</tr>
<tr>
<td>EE 2700 Fund of Dig Sys</td>
<td>4</td>
<td>Sp</td>
<td>CS 1600, Phys 2220</td>
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<tr>
<td>MATH 1220 Calculus II</td>
<td>4</td>
<td>A</td>
<td>MATH 1210</td>
</tr>
<tr>
<td>MATH 2210 Multivariate Cal</td>
<td>3</td>
<td>A</td>
<td>MATH 1220</td>
</tr>
<tr>
<td>MATH 2250 Diff Eqn/Lin Alg</td>
<td>4</td>
<td>F, Sp</td>
<td>MATH 1220</td>
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<tr>
<td>PHYS 2110 Physics f/Sci &amp; Eng I</td>
<td>4</td>
<td>A</td>
<td>MATH 1210, w/Phys 2210</td>
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<tr>
<td>PHYS 2210 Physics f/SciEng II</td>
<td>4</td>
<td>A</td>
<td>Phys 2210</td>
</tr>
<tr>
<td><strong>PHYS 2215</strong> Physics f/SciEng L</td>
<td>1</td>
<td>A</td>
<td>Phys 2210</td>
</tr>
</tbody>
</table>

**Students may elect to complete this course during their junior year if they plan to attend the University of Utah.**

**Not required at University of Utah; USU requires the labs for both Physics courses.**

Electives (Optional)

May be required in some transfer institutions. See advisor.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>CS 1410 Obj Oriented Progr</td>
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<td>CS 1400</td>
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<tr>
<td>CS 1415 Practical OO Progr</td>
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<td>w/CS 1410</td>
</tr>
<tr>
<td>CS 2420 Intro Algorithms/Data</td>
<td>3</td>
<td>A</td>
<td>CS 1410</td>
</tr>
<tr>
<td>CS 2457 Code Analysis &amp; Tuning</td>
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<td>A</td>
<td>w/CS 2420</td>
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<tr>
<td>EE 2000 CO-OP Education</td>
<td>1-2</td>
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<td>2nd year w/approval</td>
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<tr>
<td>EE 2020 PSpice &amp; Elec Wkbk</td>
<td>1</td>
<td>F, Sp</td>
<td>EE 1270, w/EE 2260, and EE 2280</td>
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Sample Schedule

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
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<td>EE 1030</td>
<td>1</td>
</tr>
<tr>
<td>ENGL 1010</td>
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<td>MATH 1210</td>
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<td>AMERICAN INST</td>
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<td><strong>2ND SPRING SEMESTER</strong></td>
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<tr>
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<td>EE 1270</td>
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**NOTE:** Admission into an engineering major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: [www.utahsbr.edu/hold2a.html](http://www.utahsbr.edu/hold2a.html).

Completing the Listed Requirements Below Results in Receiving an Associate of Pre-Engineering Transfer Degree

**Manufacturing Engineering**

(55 hours required)

**General Education Requirements**

General Education requirements in this degree are reduced. Students who earn an Associate of Pre-Engineering degree will need to complete additional General Education requirements for a bachelor’s degree at the receiving institution.

**Transfer Note**

Students transferring to Weber State University or Brigham Young University should refer to the Manufacturing Engineering Technology AS degree and consult the receiving institution for appropriate course transfer information for both General Education and program requirements.

**Core Skills Composition**

| ENGL 1010 Intro to Writing | 3 | A | pre-test |
| ENGL 2010 Intern Writing | 3 | A | ENGL 1010 w/ C or better |
| ENGL 2100 Technical Wrtng | 3 | A | ENGL 1010 |

**Quantitative Studies**

| MATH 1210 Calculus I | 4 | A | MATH 1060 |

**American Institutions (3 credits)**

| ECON 1740 Econ Hist of US | 3 | A | RGG 090 w/C or better |
| HIST 1700 Amer Civilization | 3 | A | RGG 090 w/C or better |
| POLS 1100 US Gov & Politics | 3 | A | RGG 090 w/C or better |

**Distribution Areas**

Choose an additional nine credit hours from the following distribution areas:

<table>
<thead>
<tr>
<th>Categories</th>
<th>Fine Arts (FA)</th>
<th>Humanities (HU)</th>
<th>Social Science (SS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>none</td>
<td>none</td>
<td>none</td>
</tr>
</tbody>
</table>

See pp. 23-27 for options in each of these categories.

**Major Course Requirements**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>CEEN 2010 Statics</td>
<td>3</td>
<td>F, Sp</td>
<td>MATH 1210, Phys 2210</td>
</tr>
<tr>
<td>CEEN 2450 Num Tech</td>
<td>2</td>
<td>Sp</td>
<td>Phys 2210, Phys 2250</td>
</tr>
<tr>
<td>CHEM 1210 General Chemistry I</td>
<td>4</td>
<td>F, Sp</td>
<td>MATH 1050, w/Chem 1215</td>
</tr>
<tr>
<td>CHEM 1220 General Chemistry II</td>
<td>4</td>
<td>F, Sp</td>
<td>Chem 1210, w/Chem 1215</td>
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<tr>
<td>CHEM 1215 Gen Chem Lab I</td>
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<td>F, Sp</td>
<td>Chem 2250, Chem 1215</td>
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<tr>
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ELECTIVE (OPTIONAL) MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.

MEEEN 2000 CO-OP Education 1-2 A 2nd year with instructor’s approval

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
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<tbody>
<tr>
<td>CHEM 1210</td>
<td>CHEM 1220</td>
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</tr>
<tr>
<td>CHEM 1215</td>
<td>CHEM 1225</td>
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2ND FALL SEMESTER 2ND SPRING SEMESTER

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2010 Engineering Comp 3 F, Sp MATH 1050

ENGR 1010 Intro to Eng 2 F, Sp MATH 1060, w/ENGR 1020

AND

ENGR 1020 Intro to Engr Lab 1 F, Sp w/ENGR 1000

EE 2210 Elet Eng f/non EEmaj 3 F, Sp PHYS 2220, w/MATH 2550

MATH 1220 Calculus II 4 A MATH 1210

MATH 2210 Multivariate Cal 3 A MATH 1210

MATH 2250 Diff Equ/lin Alg 4 F, Sp MATH 1220

MSE 2010 Int Mat Sci Eng 4 F CHEM 1220

MSE 2210 Elec Prop Mts 3 Sp CHEM 1220, MSE 1010, PHYS 2220

MSE 2410 Intro to Polymers 3 Sp CHEM 1220, MSE 1010

PHYS 2210 Physics f/S&Eng I 4 A MATH 1210, w/PHYS 2210

PHYS 2215 Physics f/S&Eng II 4 A PHYS 2210

PHYS 2255 Physics f/S&Eng I 1 A W/PHYS 2210

ELECTIVES (OPTIONAL) MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.

MEEEN 2450 Num Tech 2 Sp ENGR 1040, MATH 2210

MEEEN 2520 Organic Chem II 5 A CHEM 2510 w/C or better, w/CHEM 2235 (lab)

MEEEN 2000 CO-OP 1-2 A 2nd year, instructor’s approval

SAMPLE SCHEDULE

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<thead>
<tr>
<th>FALL SEMESTER</th>
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<tbody>
<tr>
<td>CHEM 1210</td>
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<tr>
<td>OR</td>
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2ND FALL SEMESTER 2ND SPRING SEMESTER

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<tbody>
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<td>20</td>
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*NOTE: Admission into an engineering major program at a transfer institution depends upon the receiving institution’s requirements for that major. Major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hel02a.html.
COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF PRE-ENGINEERING TRANSFER DEGREE*

MECHANICAL ENGINEERING

(margin 73 hours required.)

GENERAL EDUCATION REQUIREMENTS

General Education requirements in this degree are reduced. Students who earn an Associate of Pre-Engineering degree will need to complete additional General Education requirements for a bachelor’s degree at the receiving institution. Transfer students should obtain advising regarding General Education requirements specific to Engineering majors at the University of Utah.

CORE SKILLS

| Composition | ENGL 1010 Intro to Writing | 3 A | pre-test |
| ENGL 2010 Intern Writing | 3 A | ENGL 1010 w/C or better |
| OR | ENGL 2100 Technical Writing | 3 A | ENGL 1010 |

QUANTITATIVE STUDIES

MATH 2120 Calculus I | 4 A | MATH 1060 |

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740 Econ Hist of US | 3 A | RDG 0990 w/C or better or appropriate placement |
| OR | HIST 1700 Amer Civilization | 3 A | RDG 0990 w/C or better or appropriate placement |
| OR | POLS 1100 US Gov & Politics | 3 A | RDG 0990 w/C or better or appropriate placement |

NOTE: Consult with an advisor in selecting General Education distribution courses that will also satisfy the sequence requirement for Engineering majors at the University of Utah.

DISTRIBUTION AREAS

Choose an additional six credit hours from two of the following distribution areas:

- Fine Arts (FA)
- Humanities (HU)
- Social Science (SS)

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>Cr</th>
<th>Sem</th>
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<td>MATH 2210 Multivariate Calc</td>
<td>3 A</td>
<td>MATH 1220</td>
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<td>MATH 2250 Diff Eqn/LinAlg</td>
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<td>MEEN 1050 Des/Visual Comm</td>
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<td>MEEN 2010 Statics</td>
<td>3 F, Sp</td>
<td>MATH 1210, PHYS 2210</td>
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<tr>
<td>MEEN 2300 Eng Thru Design</td>
<td>2 F, Sp</td>
<td>CHEM 2120, MATH 2220, PHYS 2210</td>
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<tr>
<td>MEEN 2450 Numerical Techq</td>
<td>2 Sp</td>
<td>ENGR 1040, MATH 2250, MEEN 2010, MEEN 2140</td>
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<tr>
<td>MEEN 2650 Eng Manuf/Lab</td>
<td>4 Sp</td>
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MEEN 2140 Strength Mtls I | 2 F, Sp | MEEN 2140, w/MATH 2250 |
*MEEN 2145 Strength of MatLab | 1 F, Sp | w/MEEN 2140 |
MEEN 2020 Dynamics I | 2 F, Sp | MEEN 2010 |
MEEN 2060 Dynamics II | 2 Sp | MEEN 2020, MATH 2220 |
MSE 2160 Elem Mat Eng | 3 F | CHEM 2120 |
PHYS 2210 Physics f/Sci & Eng I | 4 A | MATH 2220 |
PHYS 2220 Physics f/Sci & Eng II | 4 A | PHYS 2210 |
*Not required at the University of Utah

ELECTIVES (OPTIONAL) MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.

MEEN 2000 CO-OP Education | 1-2 A | 2nd year, instructor’s approval

SAMPLE SCHEDULE

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<thead>
<tr>
<th>FALL SEMESTER</th>
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<td>ENGR 2810</td>
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<td>MEEN 2010</td>
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<td>ENGR 3010</td>
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*NOTE: Admission into an engineering major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/transfer.html.

ENGINEERING DRAFTING AND MANUFACTURING TECHNOLOGY

Taylorsville Redwood Campus, AT 108 (801) 957-4074
General Information (801) 957-4973
Academic Advisor (801) 957-4538
www.slc.edu/drafting

Professors: Jane Hook
Instructors: Joel Clarkson, Michael Stenquist

THE PROGRAMS

Engineering Design/Drafting Technology is a profession that encompasses a variety of engineering disciplines that are always in high demand: mechanical, civil, piping, electronics, structural, and industrial. Students develop skills in technical drafting, CAD (Computer Aided Design), and the drafting practices specific to each of these discipline areas. Drafters and designers are an integral part of a project team in every field, developing the drawings and designs for fabrication and construction.

CAREER OPPORTUNITIES

Entry-level drafters work as CAD operators to produce fabrication-quality drawings from diagrams supplied by designers and engineers and can expect a starting salary from $12 to $14 per hour. AAS degree students or students with one year of experience develop their own drawings from design specifications or field sketches and can expect between $15 and $17 to start. Two
to four years of work experience will generally raise the employee to the level of designer at salaries from $38,000 to $52,000 per year.

**MACHINING AND MANUFACTURING TECHNOLOGY**

(See specific degrees for career information.)

**STUDENT ORGANIZATIONS**

Skills USA - All students enrolled in the engineering design/ drafting technology program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills.

**PREREQUISITES**

It is the student's responsibility to examine each course description for details of prerequisite classes or preparation. Those prerequisites must be satisfied before the designated class may be taken and may require extra time to complete the program.

**CLASS AVAILABILITY**

Students should check the semester class schedule for the day/evening availability and modifications caused by varying enrollment.

**CERTIFICATE OF COMPLETION CTE**

**ENGINEERING DRAFTING TECHNOLOGY**

(minimum 30 hours required)

The two-semester certificate of completion provides the student with entry-level industry skills in technical drafting and computer-assisted drafting (CAD) as well as courses in specialty areas of the student's choice.

**GENERAL EDUCATION REQUIREMENTS (8-10 CREDITS)**

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<tr>
<td>communicate</td>
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**HUMAN RELATIONS**

See pp 24-27 for options. Students who may want to pursue an AS degree in the future should take either LE 1220 as it will also meet the Social Science general education requirement or MKTG 1050, as it will also meet the interdisciplinary requirement.

**QUANTITATIVE STUDIES**

<table>
<thead>
<tr>
<th>COURSE</th>
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<td>MATH 0990 or CPT</td>
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**MAJOR COURSE REQUIREMENTS (12 CREDITS)**

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<td>EDDT 1100,</td>
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<td>or concurrent</td>
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**ELECTIVES (8 CREDITS)**

(SELECT AT LEAST EIGHT CREDIT HOURS FROM THE FOLLOWING): 

<table>
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<td>F</td>
<td>w/EDDT 2350</td>
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<td>EDDT 1040</td>
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<td>F,</td>
<td>EDDT 1040 or</td>
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<td></td>
<td></td>
<td>Sp</td>
<td>AutoCAD Experience</td>
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*Waived for equivalent experience or course.  
**These courses can be taken concurrently with the prerequisites.

**NOTE:** Students acquiring a General Studies Associate of Science degree may simultaneously earn a Certificate in Engineering Drafting Technology by selecting the above courses to fulfill the vocational/technical component of their AS degree.

**SAMPLE SCHEDULE**

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</table>

*EDDT 1040 is taught the first half-term (8 weeks) of the semester and EDDT 1100 is taught the second half-term of the semester so students can take both in one semester. EDDT 1420 is taught the first half-term (8 weeks) of the semester and EDDT 2190 is taught the second half-term of the semester so students can take both in one semester.

**EDDT classes are offered summer term as requested by students. Classes taken summer can reduce the credit hours required in other semesters or shorten the time to acquire the degree. EDDT evening classes are generally offered alternating semesters from those listed or in summer term.

**CERTIFICATE OF COMPLETION CTE**

**MACHINING CNC/CAM TECHNOLOGY**

(minimum 30-32 hours required)

Machining CNC/CAM Technology - trained machinists are continuously needed in engineering, manufacturing and fabrication companies and there are not enough new workers available to fill the entry-level positions.

Entry-level wages for machinists start between $10 and $12 per hour and a machinist with two to five years of work experience will earn between $28,000 and $50,000 per year.

The two-semester certificate of completion in machining technology provides the student with the entry-level skills required for work as a machinist in industry and includes: manual and CNC (Computer Numerical Control) machining, CAD (Computer Assisted Design), CAM (Computer Assisted Manufacturing), Geometric Dimensioning and Tolerancing, and manufacturing processes.

**GENERAL EDUCATION REQUIREMENTS (8-10 CREDITS)**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMMUNICATION</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HUMAN RELATIONS**

See pp 24-27 for options. MKTG 1050 will also meet the interdisciplinary requirement for students who may want to continue toward an AS transfer degree studying Manufacturing Engineering Technology or Mechanical Engineering Technology.

**QUANTITATIVE STUDIES**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1010</td>
<td>4</td>
<td>A</td>
<td>MATH 0990 and</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>RDG 0900 w/C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>or better or</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>appropriate placement</td>
</tr>
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</table>

**MAJOR COURSE REQUIREMENTS (21 CREDITS)**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>*EDDT 1040 Intro</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>EDDT 2350 Prof</td>
<td>2</td>
<td>F</td>
<td>EDDT 1040,</td>
</tr>
<tr>
<td>EDDT 2350 Manf</td>
<td>1</td>
<td>F</td>
<td>w/EDDT 2340</td>
</tr>
<tr>
<td>EDDT 2430 Geo</td>
<td>2</td>
<td>Sp</td>
<td>EDDT 1040</td>
</tr>
<tr>
<td>EDDT 2600 Mod</td>
<td>3</td>
<td>F</td>
<td>EDDT 1100</td>
</tr>
<tr>
<td>EDDT 2710 AutoD</td>
<td>2</td>
<td>F,</td>
<td>EDDT 1040 or</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sp</td>
<td>AutoCAD Experience</td>
</tr>
</tbody>
</table>

*EDDT 1040 is a prerequisite for the math courses required in the AS degree for students who may want to continue toward an AS degree.

SLCC 2010-2011 GENERAL COLLEGE CATALOG

167
MCCT 1500 Manual Machining 2 F w/MCCT 1510
MCCT 1510 Man. Machining Lab 1 F w/MCCT 1500
MCCT 1600 CNC Machine Theo 2 Sp w/MCCT 1610
MCCT 1610 CNC Machine Lab 1 Sp w/MCCT 1600
MCCT 2560 CAD/CAM 2 Sp EDDT 2450 or concurrent & EDDT 2600

WLD 1005 Related Welding 3 A none

*Waived for equivalent experience or course.
**This course can be taken concurrently with the prerequisite.

NOTE: Students acquiring a General Studies Associate of Science degree may simultaneously earn a Certificate of Completion in Machining CNC/CAM Technology by selecting the above courses to fulfill the vocational/technical component of their AS degree.

SAMPLE SCHEDULE Evening Students**

<table>
<thead>
<tr>
<th>1st SEMESTER</th>
<th>2nd SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDDT 1040*</td>
<td>3 HUMAN RELATIONS 2-3</td>
</tr>
<tr>
<td>EDDT 2600*</td>
<td>3 EDDT 2540 2</td>
</tr>
<tr>
<td>EDDT 2340</td>
<td>2 COMM 3</td>
</tr>
<tr>
<td>EDDT 2350</td>
<td>1 MCCT 2650 2</td>
</tr>
<tr>
<td>MCCT 1500</td>
<td>2 MCCT 1600 2</td>
</tr>
<tr>
<td>MCCT 1510</td>
<td>1 MCCT 1610 2</td>
</tr>
<tr>
<td>MATH 1000</td>
<td>4 WLD 1005 3</td>
</tr>
<tr>
<td>OR</td>
<td>TOTAL 15-16</td>
</tr>
</tbody>
</table>

*EDDT 1040 is taught the first half-term (8 weeks) of the semester and EDDT 2600 is taught the second half-term of the semester so students can take both in one semester.

Day and evening classes are generally offered on alternating semesters.

EDDT courses are offered summer term as requested by students. Classes taken during the summer can reduce the credit hours required in other semesters or shorten the time to acquire the degree.

ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN ENGINEERING DESIGN/DRAFTING TECHNOLOGY

(minimum 63 hours required)

The AAS degree provides, in addition to the certificate, an emphasis in specific discipline areas such as: electro-mechanical, structural steel detailing, piping, and civil and depth in CAD areas such as customization, solid modeling, and discipline specific software. Courses covering design theory, manufacturing processes and problem-solving, as well as elective depth courses in related areas provide knowledge and skills that will enhance the students’ abilities to advance to the level of designer in industry.

GENERAL EDUCATION REQUIREMENTS

Course | CR | SEM | PREREQUISITES
|-------|----|-----|----------------
| CORE SKILLS (11-12 CREDITS) | | |
| ENGL 1010 Intro to Writing | 3 A | | pre-test |
| QUANTITATIVE STUDIES (QL) | | |
| MATH 1060 Trigonometry | 3 A | MATH 1050 and RDG 0990 w/C or better or appropriate placement |
| COMMUNICATION | | |
| See pp 23-27 for options. |
| HUMAN RELATIONS | | |
| See pp 23-27 for options. LE 1220 will also meet the Social Science requirement and MKTG 1050 will also meet the Interdisciplinary requirement for students who may want to continue toward an AS transfer degree.

DISTRIBUTION AREAS (3 CREDITS)

Choose one course (three credit hours) from any of the following distribution areas.

- Biological Science (BS) 3 4 A
  - RDG 0990 w/C or better
- Fine Arts (FA) 3 A none
- Humanities (HU) 3 A none
- Interdisciplinary (ID) 3 A none
- Physical Science (PS) 3 A none
- Social Science (SS) 3 A none

See pp 24-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (37 CREDITS)

| COURSE | CR | SEM | PREREQUISITES
|-------|----|-----|----------------
| EDDT 1040 Intro to CAD | 3 A | none |
| EDDT 1040 Intro to CAD | 3 A | none |
| EDDT 1100 Adv AutoCAD | 2 A | EDDT 1040 |
| EDDT 1200 Tech Drafting II | 4 A | EDDT 1100, EDDT 1040 or concurrent |
| EDDT 1240 Basic MicroStn | 2 A | none |
| EDDT 2160 Statics & Strth of Mat | 5 F | MATH 1160 |
| EDDT 2180 Elec Drafting | 3 F | EDDT 1010 |
| EDDT 2190 Civil Drafting | 2 F, Sp | EDDT 1040, EDDT 1040, EDDT 1040 |
| EDDT 2240 Steel Detailing | 3 F | MATH 1160, EDDT 1040 |
| EDDT 2340** Manufacturing Process | 2 F, Sp | EDDT 1040, w/EDDT 2330 |
| EDDT 2350 Manufac Process Lab | 1 F, Sp | EDDT 2340 |
| EDDT 2356 Pipe Drafting | 2 Sp | EDDT 1040 |
| EDDT 2540 Geo Dimen Tol | 2 Sp | EDDT 1040 |
| EDDT 2600 Modeling w/SolidWorks | 3 F, Sp | EDDT 1040 or CAD experience |

*Waived for equivalent experience or course.
**This course can be taken concurrently with the prerequisites.

ELECTIVES (12 CREDITS)

SELECT AT LEAST TWELVE (12) CREDIT HOURS FROM THE FOLLOWING LISTS:

The electives provide additional depth in specific discipline areas of design/drafting. Students should take the electives from the area in which they want specialization.

GENERAL ELECTIVES

| COURSE | CR | SEM | PREREQUISITES
|-------|----|-----|----------------
| EDDT 2390 Special Topics | 1-5 A | Instructor approval |
| ARCH 2350 CAD Customization | 3 Sp | ARCH 1110 or EDDT 1040 |

MECHANICAL ELECTIVES

| COURSE | CR | SEM | PREREQUISITES
|-------|----|-----|----------------
| EDDT 2750 Adv Solid Works | 2 F, Sp | EDDT 2600 or AutoCAD experience |
| EDDT 2750 AutoDesk 3D Mod | 2 Sp, Su | EDDT 2330 w/MCCT 1510 |
| MCCT 1500 Manual Machining | 2 F | EDDT 2340 |
| MCCT 1510 Manual Mach Lab | 1 F | EDDT 2340 |
| MCCT 1600 CNC Machine Theo | 2 Sp | w/MCCT 1600 |
| MCCT 1610 CNC Machine Lab | 1 Sp | w/MCCT 1600 |
| MCCT 2560 CAD/CAM | 2 Sp | EDDT 2340 or conc. & EDDT 2600 |

STRUCTURAL/CIVIL ELECTIVES

| COURSE | CR | SEM | PREREQUISITES
|-------|----|-----|----------------
| EDDT 2420 Adv MicroStation | 2 Sp | ARCH 1110 or EDDT 1040 |
| SVT 1110 Surveying Math I | 4 F | EDDT 1200 or MATH 1060 |
| SVT 1130 Survey Field Tech | 3 Sp | EDDT 1200 |
| SVT 2290 App Survey Draft | 3 Sp | EDDT 2190, SVT 1090 |

| COURSE | CR | SEM | PREREQUISITES
|-------|----|-----|----------------
| ARCH 2310 Model/Rend/Animation | 3 F | |
| ARCH 2330 Adv Architectural Cad | 3 Sp | |
| EDDT 2420 Adv MicroStation | 2 Sp | MATH 1010 or CPT |
| SVT 1130 Survey Field Tech | 3 Sp | EDDT 1200 or MATH 1060 |
| SVT 2290 App Survey Draft | 3 Sp | EDDT 2190, SVT 1090 |
**EDDT 1040 is taught the first half-term (8 weeks) of the semester and EDDT 2190 is taught the second half-term of the semester so students can take both in one semester. EDDT 1040 is taught the first half-term (8 weeks) of the semester and EDDT 2190 is taught the second half-term of the semester so students can take both in one semester.

**EDDT classes are offered summer term as requested by students. Classes taken summer can reduce the credit hours required in other semesters or shorten the time to acquire the degree.

**EDDT evening classes are generally offered on alternating semesters than those listed or in summer term.

### COMPLETING THE GENERAL EDUCATION REQUIREMENTS LISTED BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE FOR STUDENTS WHO HAVE COMPLETED THE AAS IN EDDT:

**ENGINEERING DESIGN/DRAFTING TECHNOLOGY**

(minimum 64 hours required; 19 credits beyond AAS degree)

The AS degree focusing on Engineering Design/Drafting Technology is designed for students who have completed an AAS in Engineering Design/Drafting and who are interested in transferring to UVU Technology Management Bachelor's Degree. The program allows the courses that are required in the AAS degree to be combined with additional General Education courses to satisfy AS degree requirements. Upon completion of the AS degree, students should be able to transfer as juniors to UVU Technology Management Bachelor's program (see a transfer advisor). Students who transfer before completing the AAS and AS in Engineering Design/Drafting Technology must see the UVU advisor about specific requirements they may still need to complete; including MATH 1040.

### GENERAL EDUCATION REQUIREMENTS (BEYOND THOSE COMPLETED FOR AAS)

<table>
<thead>
<tr>
<th>COURSE CORE SKILLS</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COMPOSITION</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2010 Interim Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
<tr>
<td><strong>QUANTITATIVE LITERACY</strong> (taken in AAS degree)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AMERICAN INSTITUTIONS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>HIST 1700 American Civ</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
</tbody>
</table>

### INSTITUTIONAL REQUIREMENTS

**LIFELONG WELLNESS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLAB 1060</td>
<td>1</td>
<td>A</td>
</tr>
</tbody>
</table>

**STUDENT CHOICE (taken in AAS degree)**

**COMPUTER LITERACY**

**DISTRIBUTION AREAS**

Choose one course (three credit hours) from each of the following distribution areas except the one selected for the AAS degree (LE 1120 satisfies Social Science requirement and MKTG 1050 satisfies the Interdisciplinary requirement). One of the courses must also be a Diversity course (DV).

- Biological Science (BS) 3-4 A
- Fine Arts (FA) 3 A
- Humanities (HU) 3 A
- Interdisciplinary (ID) 3 A
- Physical Science (PS) 3 A
- Social Science (SS) 3 A

See pp. 24-27 for options in each of these categories.

*NOTE: Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.uthesc.edu/heat02a.html.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

**MANUFACTURING ENGINEERING TECHNOLOGY**

(minimum 64 hours required)

Manufacturing Engineering Technology - the manufacturing engineering technician designs tooling for the fabrication of mass-produced parts, monitors the manufacturing processes, and performs inspection. The degree also provides two years for transfer into the Manufacturing Engineering Technology Bachelor of Science at Weber State University.

Two year graduates in Manufacturing Engineering Technology start from $28,000-$33,000 per year. Bachelor degree graduates start at $45,000. Graduates with BS degrees find jobs as manufacturing engineers, tooling designers, process engineers and project managers.

Earning an AS degree while focusing on Manufacturing Engineering Technology provides students with the CAD/CAM, solid modeling design, manual and CNC machining skills required for placement as technicians in industry but is specifically for students wishing to transfer into the Manufacturing Engineering Technology Bachelor Of Science degree program at Weber State University.

### GENERAL EDUCATION REQUIREMENTS (17 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 2010 Interim Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010w/C or better</td>
</tr>
<tr>
<td>MATH 1210 Calculus I</td>
<td>4</td>
<td>A</td>
<td>MATH 1060</td>
</tr>
</tbody>
</table>

### NOTES:

- All courses required in the one-year Certificate of Completion in Engineering Drafting Technology are also required in the AAS degree. Many students earn the certificate and begin work then return in the evening program to earn the AAS degree for advancement and higher wages.
**AMERICAN INSTITUTIONS**

ECON 1740 Econ Hist of US 3 A  RDG 0990 w/C or better or appropriate placement

OR

HIST 1700 American Civ 3 A  RDG 0990 w/C or better or appropriate placement

OR

POLS 1100 US Gov & Politics 3 A  none

**INSTITUTIONAL REQUIREMENTS**

**LIFELONG WELLNESS**

HLAC 1 A  none

**STUDENT CHOICE (3 CREDITS)**

COMM 1010 Intro to Comm 3 A  none

OR

COMM 1020 Principals of Pub Spk 3 A  none

**COMPUTER LITERACY**

**DISTRIBUTION AREAS (15 CREDITS)**

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

- Biological Science (BS) 3-4 A  RDG 0990 w/C or better or appropriate placement
- Fine Arts (FA) 3 A  none
- Humanities (HU) 3 A  none
- Interdisciplinary (ID) 3 A  none
- Social Science (ECON1030) 3 A  none

Physical Science is exempted, as CHEM 1110 is required in the program. See pp. 24-27 for options in each of these categories.

**MAJOR COURSE REQUIREMENTS (32 CREDITS)**

**COURSE**

<table>
<thead>
<tr>
<th>CHEM 1110 Elem Chemistry</th>
<th>4 A</th>
<th>MATH 1010, w/CHM 1115</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1135 Elem Chem Lab</td>
<td>1 A</td>
<td>w/CHM 1135</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 1210 Gen Chemistry I</td>
<td>4 A</td>
<td>MATH 1050, w/CHM 1215</td>
</tr>
<tr>
<td>CHEM 1215 Gen Chem Lab I</td>
<td>1 A</td>
<td>w/CHM 1215</td>
</tr>
<tr>
<td>PHYS 2101 College Physics I</td>
<td>4 A</td>
<td>MATH 1060, w/PHY 2125</td>
</tr>
<tr>
<td>PHYS 2210 Phys Sci &amp; Eng I</td>
<td>4 A</td>
<td>MATH 1220</td>
</tr>
<tr>
<td>PHYS 2215 Phys Sci&amp;Eng I,</td>
<td>1 A</td>
<td>w/PHY 2215</td>
</tr>
<tr>
<td>EDDT 1040 Intro to CAD 3</td>
<td>3 A</td>
<td>none</td>
</tr>
<tr>
<td>EDDT 2340*Manufacturing</td>
<td>2 F, Sp</td>
<td>EDDT 1040, w/EDDT 2350</td>
</tr>
<tr>
<td>EDDT 2350 Manufac Process</td>
<td>1 F</td>
<td>w/EDDT 2340</td>
</tr>
<tr>
<td>EDDT 2450**Geo Dim &amp; Tol</td>
<td>2 Sp</td>
<td>EDDT 1040</td>
</tr>
<tr>
<td>EDDT 2600 Modeling w/SolidWorks</td>
<td>3 F, Sp</td>
<td>EDDT 1040 or CAD experience</td>
</tr>
<tr>
<td>MCCT 1500 Manual Machining</td>
<td>2 F</td>
<td>w/MCCT 1500</td>
</tr>
<tr>
<td>MCCT 1710 Manual Mach Lab</td>
<td>1 F</td>
<td>w/MCCT 1700</td>
</tr>
<tr>
<td>MCCT 1650 CNC Machine Theor</td>
<td>2 Sp</td>
<td>w/MCCT 1650</td>
</tr>
<tr>
<td>MCCT 1610 CNC Machining Lab</td>
<td>1 Sp</td>
<td>w/MCCT 1600</td>
</tr>
<tr>
<td>MCCT 2650 CAD/CAM</td>
<td>2 Sp</td>
<td>EDDT 2540 or conc EDDT 2600</td>
</tr>
<tr>
<td>WLD 1005 Related Welding</td>
<td>3 A</td>
<td>none</td>
</tr>
</tbody>
</table>

*This prerequisite can be waived for equivalent experience or course; challenge test available.

**NOTE:** These courses can be taken concurrently with the prerequisites.

**SAMPLE SCHEDULE Day Students**

<table>
<thead>
<tr>
<th>1st SEMESTER</th>
<th>2nd SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDDT 1040</td>
<td>3</td>
</tr>
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<td>EDDT 2340</td>
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<td>MCCT 1500</td>
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<td>MATH 1210</td>
<td>4</td>
</tr>
<tr>
<td>EDDT 2600</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL** 16

**SUMMER SEMESTER**

<table>
<thead>
<tr>
<th>3rd SEMESTER</th>
<th>4th SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 1010</td>
<td>3</td>
</tr>
<tr>
<td>WLD 1005</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2010</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 2545</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 2600</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL** 17

*Evening classes are generally offered on alternating semesters than those listed or summer term.

**EDDT classes are offered summer term as requested by students. Classes taken sum can reduce the credit hours required in other semesters or shorten the time to acquire the degree.

In addition to the required courses listed above, WSU’s Manufacturing Engineering Technology Bachelor of Science degree requires the following courses that may also be completed at SLCC before transferring:

**COURSE**

| EDDT 2160 Statics & Strength of Mat | 5 F | MATH 1060 |

*NOTE: Admission into a major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hel02a.html.

**COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE**

**MECHANICAL ENGINEERING TECHNOLOGY**

(minimum 60 hours required)

Mechanical Engineering Technology - the mechanical engineering technician provides support for design engineers as quality technicians, drafter/designers, and document specialists. The degree also provides two years for transfer into the Mechanical Engineering Technology Bachelor of Science at Weber State University.

Two year graduates in Mechanical Engineering Technology start from $28,000-$33,000 per year. Bachelor degree graduates start at $45,000. Graduates with BS degrees find jobs as technical designers, quality engineers, process engineers and project managers.

Earning an AS degree while focusing on mechanical engineering technology provides students with the CAD/CAM, solid modeling design, and basic machining skills required for placement in the industry as technicians, but is specifically for students wishing to transfer into the mechanical engineering technology bachelor of science degree program at Weber State University.

**GENERAL EDUCATION REQUIREMENTS**

**COURSE**

<table>
<thead>
<tr>
<th>ENGL 1010 Intro to Writing</th>
<th>3 A</th>
<th>pre-test</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2010 Intern Writing</td>
<td>3 A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
</tbody>
</table>
**Sample Schedule**

<table>
<thead>
<tr>
<th>1st SEMESTER</th>
<th>2nd SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDDT 1040*</td>
<td>ENGL 1010</td>
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<tr>
<td>EDDT 1100*</td>
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<td>PHYS 2210</td>
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<tr>
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<td>PHYS 2215</td>
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<tr>
<td>MCCT 1500</td>
<td>AMERICAN INST</td>
</tr>
<tr>
<td>MCCT 1510</td>
<td>DISTRIBUTION</td>
</tr>
<tr>
<td>MATH 1210</td>
<td>TOTAL 15</td>
</tr>
</tbody>
</table>

*EDDDT 1040 is taught the first half-term (8 weeks) of the semester and EDDDT 1100 is taught the second half-term of the semester, so students can take both in one semester. Evening classes are generally offered on alternating semesters than those listed or summer term.

**EDDDT classes are offered summer term as requested by students. Classes taken summer can reduce the credit hours required in other semesters or shorten the time to acquire the degree.

In addition to the required courses listed above, Weber State University's Mechanical Engineering Technology Bachelor of Science degree requires the following courses that may also be completed at SLCC before transferring:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1220</td>
<td>4</td>
<td>MATH 1210</td>
</tr>
<tr>
<td>PHYS 2220</td>
<td>4</td>
<td>PHYS 2210, w/PHYS 2225</td>
</tr>
<tr>
<td>PHYS 2225</td>
<td>1</td>
<td>w/PHYS 2220</td>
</tr>
<tr>
<td>EDDT 2160</td>
<td>5</td>
<td>MATH 1060</td>
</tr>
</tbody>
</table>

**NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hei02a.html.

**ENGINEERING DRAFTING TECHNOLOGY**

**See ENGINEERING DRAFTING and MANUFACTURING TECHNOLOGY**

**ENGLISH**

General Information (801) 957-4073
Taylorville Redwood Campus, Administration Building 241, (801) 957-4020
Academic Advising SC 240 (801) 957-6066
www.slcc.edu/english

Department Chair: Stephen Ruffus

Professor: Alma McKertich

Associate Professors: Sue Briggs, Clyda Rae Blackburn, Lisa Bickmore, Louise Bow, Ron Christiansen, Mary Jane Davis, Stephanie Dowdle, Allison Fernley, Gary Howard, Liz Montague, Tiffany Rousculp, Stephen Ruffus, Elisa Stone

Assistant Professors: Nathan Cole, Jennifer Courtney, Melissa Helquist, Lynn Kilpatrick, Andrea Malouf, Jamie McBeth-Smith, Jason Pickavance, Brittany Stephenson

**THE PROGRAM**

The English Department provides courses involving reading, writing and critical thinking, ranging from introductory to more advanced explorations of the role of language in society, in academic studies and in our own personal and professional experiences. We emphasize teaching students to take responsibility for how they communicate in a variety of contexts (from academic, to imaginative, to work-related) and for how language may be used to achieve results. Courses teach intellectual inquiry, expose students to diverse reading and writing tasks, and address how power may be won or lost through the medium of words. A departmental emphasis is also available for students seeking an A.A. or an A.S. in English. Various courses of study are available for students to choose: Generalist, Creative Writing, Literature, Writing Studies, English Language Studies, or Cultural Studies.
Most college degree and certificate programs require a two-course sequence of ENGL 1010, followed by ENGL 2010 or ENGL 2100.

ENGL 1030 may fulfill the General Education Human Relations requirement.

ENGL 1050, ENGL 1060, ENGL 1100, ENGL 2030, ENGL 2250, ENGL 2260, ENGL 2270, ENGL 2280, ENGL 2600, ENGL 2610, ENGL 2730, ENGL 2750, ENGL 2760, ENGL 2810, ENGL 2830, and ENGL 2850 will fulfill the General Education Humanities requirement.

ENGL 1050, ENGL 1100, ENGL 2030, ENGL 2610, ENGL 2760, ENGL 2810, ENGL 2830, and ENGL 2850 fulfill the Diversity (DV) requirement at SLCC.

ENGL 1050, ENGL 1100, ENGL 2030, ENGL 2280, ENGL 2610, ENGL 2810, and ENGL 2890 may fulfill the diversity requirement at many institutions.

The English Department also provides electives such as ENGL 2250, ENGL 2260, ENGL 2270, ENGL 2280, and ENGL 2890 for students seeking to explore various kinds of writing.

PREREQUISITES
Students are responsible for taking the ACT or the College Placement Test before the semester (at least one month before) they wish to enroll in ENGL 1010. Students who need to take preparatory classes in English to meet the requirement of any course should plan on extra time to complete a degree. It is also the student’s responsibility to examine each course description for details of prerequisite classes. Prerequisites must be completed with a minimum grade of C. Students also must receive a minimum grade of C (not C-) in all English classes counted toward the degree.

THE STUDENT WRITING CENTER
The Student Writing Center offers SLCC writers a place to talk about their writing or reading with a trained writing advisor.

Faculty writing advisors are instructors who teach in the writing program; peer writing advisors are SLCC students who have been recommended by faculty and have received extensive training in writing advising.

All writers at SLCC (undergraduates, staff, and faculty) are welcome to bring their work to the Student Writing Center. Advisors are able to work with all in-class writing and other writing projects such as scholarship applications, memos and reports. In the Student Writing Center, advisors assist in analyzing the writing situation or project, developing a writing plan, undoing writing “blocks” and providing feedback to the writer. Computers are available in AD 230, as is assistance with word processing.

In the Student Writing Center, one-on-one or small group consultations are available and writers are encouraged to meet with an advisor at any stage in their writing project (from brainstorming to final editing). The Student Writing Center also holds workshops on reading/writing topics, demonstrates in-class peer group workshopping and distributes other writing-related materials (including materials on documentation and research methods). A standard consultation is a 20- to 30-minute meeting between a writer and a writing advisor (small group appointments also are available). These meetings can take place at any stage in the writing process from brainstorming to final editing. Writers can drop in any time the Center is open to make an appointment; they should bring details about the assignment, along with notes and any drafts. On the Taylorsville Redwood Campus, the Student Writing Center is located at AD 218. At South City Campus, writing tutors are available in the Learning Center, N308. At Jordan Campus, tutors are available in room 102.

The SLCC Community Writing Center, located at 210 East 400 South, Salt Lake City, provides writing assistance, short term workshops and writing groups to all Salt Lake area adults. For information, call (801) 957-4992.

ELECTIVE OPTIONS
With prior approval, students working in a job related to the Humanities may earn up to four hours of general elective credit. See ENGL 2000 for more details.

CLASS AVAILABILITY
The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/ evening availability and modifications caused by varying enrollment.

<table>
<thead>
<tr>
<th>SAMPLE SCHEDULE</th>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>3</td>
<td>ENGL 2010</td>
</tr>
<tr>
<td>ENGL 1030</td>
<td>3</td>
<td>ENGL 2510</td>
</tr>
<tr>
<td>ENGL 1800</td>
<td>4</td>
<td>ENGL 2510</td>
</tr>
<tr>
<td>ENGL 2500</td>
<td>3</td>
<td>ENGL 2100</td>
</tr>
<tr>
<td>ENGL 1810</td>
<td>3</td>
<td>MATH 1010</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td>ENGL 1820 (Sp)*</td>
</tr>
<tr>
<td>OR</td>
<td>3</td>
<td>Elective</td>
</tr>
<tr>
<td>TOTAL</td>
<td>16</td>
<td>Elective</td>
</tr>
<tr>
<td>ENGL 1810</td>
<td></td>
<td>ENGL 1900</td>
</tr>
<tr>
<td>TOTAL</td>
<td>17</td>
<td></td>
</tr>
</tbody>
</table>

*One semester of either 1810 (available Fall) or 1820 (available Sp)

CERTIFICATE OF COMPLETION/WRITING
(minimum 33 hours required)

MAJOR COURSE REQUIREMENTS (27 CREDIT HOURS)

<table>
<thead>
<tr>
<th>COURSE NUMBER</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 1030 (Writing in the Professions)</td>
<td>4</td>
</tr>
<tr>
<td>Math 1010 (Intermediate Algebra or other)</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 2500 (English Grammar)</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3510 (Stylistics)</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1800 (Digital Media Essentials)</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 1900 (Spcl Studies E-Prtfolio)</td>
<td>3</td>
</tr>
</tbody>
</table>

CHOICE OF

<table>
<thead>
<tr>
<th>COURSE NUMBER</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2100 (Intermediate Writing)</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2100 (Technical Writing)</td>
<td>3</td>
</tr>
</tbody>
</table>

CHOICE OF

<table>
<thead>
<tr>
<th>COURSE NUMBER</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1810 (Wrng Cntr Theory/Pract)</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1820 (Publication Studies)</td>
<td>3</td>
</tr>
</tbody>
</table>

WRITING-EMPHASIZED ELECTIVES (6 CREDIT HOURS)

Students can choose from the list of electives below or can identify writing-emphasized electives based on department approval.

ANY COURSE IN THE ENGLISH DEPARTMENT OR

<table>
<thead>
<tr>
<th>COURSE NUMBER</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 2200 (Business Communication)</td>
<td>3</td>
</tr>
<tr>
<td>INTL 2060 (Int'l Lit and Culture)</td>
<td>3</td>
</tr>
<tr>
<td>COMM 1130 (Reprng/Inf Med)</td>
<td>3</td>
</tr>
<tr>
<td>COMM 1140 (Environmental Comm)</td>
<td>3</td>
</tr>
<tr>
<td>COMM 1610 (Jrn I: Rprng/Wrtng)</td>
<td>3</td>
</tr>
<tr>
<td>COMM 1620 (Jrn II: Editing)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1010 (Quantitative Reasoning)</td>
<td>3</td>
</tr>
<tr>
<td>POLS 2200 (Intro Comparative Politics)</td>
<td>3</td>
</tr>
<tr>
<td>POLS 2500 (Political Ideology)</td>
<td>3</td>
</tr>
</tbody>
</table>

SLCC 2010-2011 GENERAL COLLEGE CATALOG
SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>ENGL 2510</td>
</tr>
<tr>
<td>ENGL 1030</td>
<td>ENGL 2010</td>
</tr>
<tr>
<td>ENGL 1820</td>
<td>ENGL 2100</td>
</tr>
<tr>
<td>ENGL 2500</td>
<td>MATH 1010</td>
</tr>
<tr>
<td>ENGL 1810</td>
<td>ENGL 1820</td>
</tr>
<tr>
<td>ENGL 1820 (Sp)*</td>
<td>ENGL 1810 (F)*</td>
</tr>
<tr>
<td>TOTAL 16</td>
<td>ENGL 1900</td>
</tr>
</tbody>
</table>

*One semester of either 1810 (available Fall) or 1820 (available Sp).

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF ARTS TRANSFER DEGREE* (minimum 63 credit hours)

GENERAL EDUCATION REQUIREMENTS (34 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORE SKILLS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMPOSITION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 2010 Intern Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2100 Technical Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>QUANTITATIVE LITERACY</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 1030 Quant Reasoning</td>
<td>3</td>
<td>A</td>
<td>MATH 1010 or CPT</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 1040 Intro to Statistics</td>
<td>3</td>
<td>A</td>
<td>MATH 1010 or CPT</td>
</tr>
<tr>
<td>AMERICAN INSTITUTIONS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 1700 American Civ</td>
<td>3</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLS 1100 US Gov &amp; Politics</td>
<td>3</td>
<td>A</td>
<td></td>
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</table>

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC 1    A    none

STUDENT CHOICE (3 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJIS 1020 Computer Essentials</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

(Successfully complete the class or challenge test.)

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS) 3-4 A  RDG 0990 w/C or better

Fine Arts (FA) 3 A none

*Humanities (HU) 3 A none

Interdisciplinary (ID) 3 A none

Physical Science (PS) 3 A none

Social Science (SS) 3 A none

See pp. 23-27 for options in each of these categories.

NOTE: The following courses will fulfill the General Education Distribution Area requirement in Humanities: ENGL 1050, ENGL 1060, ENGL 1100, ENGL 2030, ENGL 2250, ENGL 2260, ENGL 2270, ENGL 2280, ENGL 2600, ENGL 2610, ENGL 2710, ENGL 2740, ENGL 2760, ENGL 2810, ENGL 2830, and ENGL 2850. If one of these courses is selected to fill the General Education Humanities requirement, it may also count toward the 21 credit hours of English required in the Major Course Requirements and English electives. If this option is selected, student must also complete an additional 3 credit hours in the non-English Electives area.

MAJOR COURSE REQUIREMENTS

(14 CREDITS REQUIRED)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>LANG 1020 any language</td>
<td>5</td>
<td>A</td>
<td>LANG 1010 or approval</td>
</tr>
</tbody>
</table>

CHOOSE 3 OF THE 4:

ENGL 1200 Intro to Linguistics 3 A none

ENGL 2250 Intro to Writing Fiction 3 A ENGL 1010

ENGL 2280 Intro Creative Nonfiction 3 F none

ENGL 2290 Intro to Shakespeare 3 F none

ENGL 2900 Special Topics 3 F, Sp none

ENGLISH EMPHASIS WITH A GENERALIST

CHOOSE 9 CREDITS FROM AMONG ENGLISH ELECTIVES

ENGLISH EMPHASIS WITH A CREATIVE WRITING. MAJOR COURSE ENGL 2250 suggested.

CHOOSE NINE CREDITS FROM AMONG THE FOLLOWING:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2260 Intro to Writing Poetry</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 2270 Intro to Shakespeare</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 2280 Intro Creative Nonfiction</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 2290 Intro Novel Writing</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 2900 Special Topics</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
</tbody>
</table>

ENGLISH EMPHASIS WITH LITERATURE. MAJOR COURSE ENGL 2700 suggested.

CHOOSE 3 CREDITS FROM AMONG THE FOLLOWING:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2300 Intro to History of English</td>
<td>3</td>
<td>F, Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2310 Children's Literature</td>
<td>3</td>
<td>F, Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2610 Diversity in Am Lit</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2620 Lit Cult Ideas/Brit Wrtg</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2740 Intro to Folklore</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 2810 Native Am Lit &amp; Exp</td>
<td>3</td>
<td>Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2900 Special Topics</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

ENGLISH EMPHASIS WITH WRITING STUDIES.

CHOOSE 9 CREDITS FROM AMONG THE FOLLOWING:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1800 Digital Media Essentials</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 1810 Writing Conwr/Thtr Prac</td>
<td>3</td>
<td>A</td>
<td>ENGL 1800</td>
</tr>
<tr>
<td>ENGL 1820 Publication Studies</td>
<td>3</td>
<td>F</td>
<td>ENGL 1800</td>
</tr>
<tr>
<td>ENGL 2000 English Co-op Education</td>
<td>3</td>
<td>A</td>
<td>instructor's approval</td>
</tr>
<tr>
<td>ENGL 2100 Technical Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2500 Grammar</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 2510 Stylistics</td>
<td>3</td>
<td>Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2900 Special Topics</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

For non-English electives, see the Writing Certificate electives below.

ENGLISH EMPHASIS WITH ENGLISH LANGUAGE STUDIES. MAJOR COURSE ENGL 1200 suggested.

CHOOSE 9 CREDITS FROM AMONG THE FOLLOWING:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2030 Language in Society</td>
<td>3</td>
<td>F, Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2500 Grammar</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2510 Stylistics</td>
<td>3</td>
<td>Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2900 Special Topics</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

ENGLISH EMPHASIS WITH A CULTURAL STUDIES.

CHOOSE 9 CREDITS FROM AMONG THE FOLLOWING:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2030 Language in Society</td>
<td>3</td>
<td>F, Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2100 Diversity in Am Lit</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2500 Gender/Cultural Studies</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 2810 Native Am Lit &amp; Exp</td>
<td>3</td>
<td>Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2830 Diverse Women Writers</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2850 GLBT Studies</td>
<td>3</td>
<td>A</td>
<td>none</td>
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</tbody>
</table>

*ENGLISH DEPARTMENT OFFERINGS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>TTSEM</th>
<th>PREREQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1030 Writing the Professions</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 1090 Rdg. Contmp. Culture</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 1060 Technology Studies</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 1100 Diversity/ Pop US Lit</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 1200 Intro to Linguistics</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 1800 Digital Media Essential</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 1810 Writing Conwr/Thtr Prac</td>
<td>3</td>
<td>A</td>
<td>ENGL 1800</td>
</tr>
<tr>
<td>ENGL 2900 Special Topics</td>
<td>3</td>
<td>Sp</td>
<td>ENGL 1010</td>
</tr>
</tbody>
</table>

SLCC 2010-2011 GENERAL COLLEGE CATALOG 173
ENGL 2000 English CO-OP Education 2-4 A instructor’s approval
ENGL 2030 Language in Society 3 F,Sp ENGL 1010
ENGL 2250 Intro/Imaginative Wrtg 3 F,Sp ENGL 1010
ENGL 2260 Intro to Writing Poetry 3 Sp ENGL 1150
ENGL 2270 Intro to Writing Fiction 3 Sp ENGL 1250
ENGL 2280 Intro Creative Nonfiction 3 F none
ENGL 2290 Intro to Novel 3 F none
ENGL 2300 Intro to Shakespeare 3 F,Sp ENGL 1010
ENGL 2350 Children’s Literature 3 F,Sp ENGL 1010
ENGL 2500 Grammar 3 F none
ENGL 2510 Stylistics 3 Sp ENGL 1010
ENGL 2610 Diversity in Am Lit 3 A ENGL 1010
ENGL 2620 Lit Cult & Ideas/Brit Wrtg 3 TBA ENGL 1010
ENGL 2700 Intro to Critical Theory 3 F,Sp ENGL 2600
ENGL 2710 Intro to Folklore 3 A none
ENGL 2740 Women’s Studies 3 F,Sp none
ENGL 2750 Gender & Cultural Studies 3 F,Sp none
ENGL 2810 Native Am Lit &Exp 3 Sp ENGL 1010
ENGL 2830 Diverse Women Writers 3 A none
ENGL 2850 GLBT Studies 3 A none
HUMA 2110 Philosophy/Literature 3 F,Sp none

*Acceptance of English courses varies within English programs at various institutions. Meet with an advisor to plan which English courses are best suited for the program to which you plan to transfer.

NON-ENGLISH ELECTIVES (6 CREDITS)
Complete 6 credits from the English Department offerings or from any college course numbered 1000 or above.

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>ENGL 1020</td>
</tr>
<tr>
<td>LANG 1020</td>
<td>ENGL REGMT 3</td>
</tr>
<tr>
<td>NON-ENGL ELECT</td>
<td>AMERICAN INST 3</td>
</tr>
<tr>
<td>STUDENT CHOICE</td>
<td>DISTRIBUTION 3</td>
</tr>
<tr>
<td>Hlac 1</td>
<td>MATH 1030</td>
</tr>
<tr>
<td>TOTAL 15</td>
<td>OR</td>
</tr>
<tr>
<td></td>
<td>MATH 1040</td>
</tr>
<tr>
<td></td>
<td>TOTAL 15</td>
</tr>
</tbody>
</table>

2ND FALL SEMESTER
ENGL REGMT 3
ENGL REGMT 3
ENGL EMPHASIS 3
ENGL EMPHASIS 3
DISTRIBUTION 9
DISTRIBUTION 6
ENGL EMPHASIS 3
NON-ENGL ELECT 3
TOTAL 16

NOTE: Admission into a major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are required and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/halt2gta.html.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 61 credit hours)

GENERAL EDUCATION REQUIREMENTS (34 CREDITS)

<table>
<thead>
<tr>
<th>CORE SKILLS</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQ</th>
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</thead>
<tbody>
<tr>
<td>COMPOSITION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1010 Intro to Writing 3 A pre-test or WRTG 0990 with C or better</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2010 Intern Writing 3 A ENGL 1010 w/C or better</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2100 Technical Writing 3 A ENGL 1010</td>
<td></td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>QUANTITATIVE LITERACY</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1030 Quant Reasoning 3 A MATH 1010 or CPT</td>
</tr>
<tr>
<td>OR</td>
</tr>
<tr>
<td>MATH 1040 Intro to Statistics 3 A MATH 1010 or CPT</td>
</tr>
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</table>

American Institutions
ECON 1740 Econ Hist of US 3 A RDG 0990 w/C or better or appropriate placement
OR
HIST 1700 American Civ 3 A RDG 0990 w/C or better or appropriate placement
OR
POLS 1100 US Gov & Politics 3 A RDG 0990 w/C or better or appropriate placement

Institutional Requirements
Lifelong Wellness
Hlac 1 A none

Student Choice (3 Credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>CR</th>
<th>SEM</th>
<th>Prereq</th>
</tr>
</thead>
</table>

Major Course Requirements (9 Credits Required)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQ</th>
</tr>
</thead>
</table>

NOTE: The following courses will fulfill General Education Distribution Area requirement in Humanities: ENGL 1050, ENGL 1060, ENGL 1100, ENGL 2030, ENGL 2250, ENGL 2270, ENGL 2280, ENGL 2610, ENGL 2710, ENGL 2740, ENGL 2760, ENGL 2810, ENGL 2830, and ENGL 2850. If one of these courses is selected to fill the General Education Humanities requirement, it may also count toward the 18 credit hours of English required in the Major Course Requirements and English electives. If this option is selected, student must also complete an additional 3 credit hours in the non-English Electives area.

Choose one of the followings:

English Emphasis-Generalist
Choose 9 Credits from Among English Electives

English Emphasis with a Creative Writing Track. Major Course ENGL 2250 Suggested for this Track.
Choose Nine Credits from Among the Following:

<table>
<thead>
<tr>
<th>Course</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQ</th>
</tr>
</thead>
</table>

English Emphasis with Literature. Major Course ENGL 2700 Suggested.
Choose 9 Credits from Among the Following:

<table>
<thead>
<tr>
<th>Course</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQ</th>
</tr>
</thead>
</table>
ENGLISH EMPHASIS WITH WRITING STUDIES.
CHOOSE 9 CREDITS FROM AMONG THE FOLLOWING:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1800 Digital Media Essentials</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 1810 Writing Cntr Theory/Prac</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 1820 Publication Cntr Studies</td>
<td>3</td>
<td>F</td>
<td>ENGL 1800</td>
</tr>
<tr>
<td>ENGL 2000 English Co-op Education</td>
<td>2-4</td>
<td>A</td>
<td>instructor's approval</td>
</tr>
<tr>
<td>ENGL 2100 Technical Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2500 Grammar</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 2510 Stylistics</td>
<td>3</td>
<td>Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2900 Special Topics</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

For non-English electives, see the Writing Certificate electives below.

ENGLISH EMPHASIS WITH AN ENGLISH LANGUAGE STUDIES.
MAJOR COURSE ENGL 1200 SUCCUED.
CHOOSE 9 CREDITS FROM AMONG THE FOLLOWING:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2030 Language in Society</td>
<td>3</td>
<td>F,Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2500 Grammar</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 2510 Stylistics</td>
<td>3</td>
<td>Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2900 Special Topics</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

ENGLISH EMPHASIS WITH A CULTURAL STUDIES.
CHOOSE 9 CREDITS FROM AMONG THE FOLLOWING:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2030 Language in Society</td>
<td>3</td>
<td>F,Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2610 Diversity in Am Lit</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2780 Gender/Cultural Studies</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 2810 Native Am Lit &amp;Exp</td>
<td>3</td>
<td>Sp</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2830 Diverse Women Writers</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2850 GLBT Studies</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

NON-ENGLISH ELECTIVES (9 CREDITS)
Complete 9 credits from the English Department Offerings or any college course numbered 1000 or above.

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>ENGL 2010</td>
</tr>
<tr>
<td>NON-ENGL ELECT</td>
<td>ENGL REGMNT</td>
</tr>
<tr>
<td>STUDENT CHOICE</td>
<td>AMERICAN INST</td>
</tr>
<tr>
<td>HLAC</td>
<td>DISTRIBUTION</td>
</tr>
<tr>
<td>TOTAL</td>
<td>MATH 1030</td>
</tr>
<tr>
<td></td>
<td>MATH 1040</td>
</tr>
<tr>
<td></td>
<td>TOTAL 15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL REGMNT</td>
<td>ENGL EMPHASIS</td>
</tr>
<tr>
<td>ENGL EMPHASIS</td>
<td>DISTRIBUTION</td>
</tr>
<tr>
<td>DISTRIBUTION</td>
<td>TOTAL 15</td>
</tr>
</tbody>
</table>

NOTE: Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hel02a.html.

DEPARTMENTAL OFFERINGS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 1030</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 1050</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 1060</td>
<td>3</td>
<td>TBA</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 1100</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 1200</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 1800</td>
<td>3</td>
<td>A</td>
<td>ENGL 1800</td>
</tr>
<tr>
<td>ENGL 1900</td>
<td>3-5</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2000</td>
<td>2-4</td>
<td>A</td>
<td>instructor's approval</td>
</tr>
<tr>
<td>ENGL 2100</td>
<td>3</td>
<td>A</td>
<td>ENGLi1010</td>
</tr>
<tr>
<td>ENGL 2130</td>
<td>3</td>
<td>F</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2140</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2250</td>
<td>3</td>
<td>F</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2260</td>
<td>3</td>
<td>Sp</td>
<td>ENGL 2450</td>
</tr>
<tr>
<td>ENGL 2270</td>
<td>3</td>
<td>Sp</td>
<td>ENGL 2450</td>
</tr>
</tbody>
</table>

ENGL 2280 Intro Creative Nonfiction | 3 | F | none |
ENGL 2290 Intro to Novel | 3 | F | none |
ENGL 2300 Intro to Shakespeare | 3 | F,Sp | ENGL 1010 |
ENGL 2310 Children's Literature | 3 | F,Sp | ENGL 1010 |
ENGL 2320 Grammar | 3 | F | none |
ENGL 2510 Stylistics | 3 | Sp | ENGL 1010 |
ENGL 2600 Critical Intro to Lit | 3 | A | ENGL 1010 |
ENGL 2610 Diversity in Am Lit | 3 | A | ENGL 1010 |
ENGL 2620 Lit Cult & Ideas/Brn Wrg | 3 | TBA | ENGL 1010 |
ENGL 2700 Intro to Critical Theory | 3 | A | ENGL 2600 |
ENGL 2710 Intro to Folklore | 3 | A | none |
ENGL 2740 Women's Studies | 3 | F,Sp | none |
ENGL 2760 Gender & Cultural Studies | 3 | Sp | none |
ENGL 2810 Native Am Lit &Exp | 3 | Sp | ENGL 1010 |
ENGL 2830 Diverse Women Writers | 3 | A | none |
ENGL 2850 GLBT Studies | 3 | A | none |
ENGL 2900 Special Topics | 3-3 | F,Sp | none |

ENGLISH-AS-A-SECOND LANGUAGE

SEE ALSO SCHOOL OF APPLIED TECHNOLOGY.

Estimated cost of tools and supplies per semester $75

General Information (801) 957-4073
South City Campus N128B - (801) 957-3212
Technology Building Learning Center 417G (801) 957-3245
www.slcc.edu/esl

Associate Professors: George Ellington, Dean Huber, Katherine McIntyre, Cheryl Shurtleff

PROGRAM

This program offers basic through advanced level education in English Language and the use of English for academic, professional and general purposes, including the following goals:

1. Analysis of English to practice classroom skills, improve understanding of written and spoken English and communicate more effectively when speaking or writing English;

2. Practice listening comprehension skills so that students can successfully understand an English speaking teacher in a technical/academic class;

3. Development of English speaking skills so the students can participate in classroom discussions, ask questions when they need to and successfully communicate what they know;

4. Development of college-level textbook reading skills; and

5. Development of basic writing skills in preparation for college-level composition classes.

PLACEMENT

All students are required to take the College's ESL Placement Battery to be placed in an appropriate level.

PREREQUISITES

It is the student's responsibility to examine each course description for details or prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

NOTE: Students without prerequisite class skills are at a disadvantage and may be required to repeat the course after fulfilling prerequisites.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/ evening availability and modifications caused by varying enrollment.
levels: multi-faceted, multi-skilled early childhood profession. Students
introductory level program will acquaint students to the
young children and families.

Family and Human Studies program offers four program
options: a child development associate (CDA) credential track; a
one-year certificate in FHS; an AAS degree in family and human
studies and an AS degree. Entry into the programs requires
evidence of high school graduation, a GED, or concurrent
enrollment.

CDA (CHILD DEVELOPMENT ASSOCIATE CREDENTIAL)
The CDA track fulfills the formal education requirement for the
nationally recognized CDA credential. Utah accepts the child
development associate credential as meeting the minimum qualifi-
cations for a child care center director. Coursework completed
in pursuit of the CDA option can be applied toward the one-year
Certificate of Completion, the AS and AAS degrees. Consult
with a departmental advisor to find out more about this option.

ASSOCIATE OF APPLIED SCIENCE DEGREE
The two-year AAS degree in Family and Human Studies prepares
the student to become a teacher or director of a child care
center. Special attention is given to providing the student the
business skills needed to become an effective child care center
administrator.

ASSOCIATE OF SCIENCE DEGREE
The two-year AS degree is designed for students who plan to
transfer to programs at four-year universities or colleges. SLCC
has developed articulation agreements with other state colleges
and universities which makes it easy for SLCC students to
transfer their credits. Although SLCC has worked hard to make
transferring to other institutions as convenient as possible, it is
important to understand that specific course requirements for
a degree vary among the state’s four-year colleges. To optimize
your educational experience at SLCC, please be sure to consult
with an advisor before registering for elective classes.

EVENING CLASSES
Many of the FHS courses for the options listed above are also
offered during the evening.

NOTE: Many of the FHS classes require a lab in which the student works
with preschool children. Evening students will be required to attend labs
at the Eccles Lab School, which is open from 6:45 a.m. - 5 p.m.

COOPERATIVE EDUCATION
Students working 20 hours or more per week in a licensed child
care facility may complete some lab requirements at their work
site (cooperative education). Please contact the advisor for more
departmental information.

GENERAL INFORMATION
Students in the FHS program must not have been convicted
of any crimes against children; should exhibit the maturity and
emotional stability required to take charge of a group of pre-
school children; and possess sufficient health and strength to lift
a child.
CAREER OPPORTUNITIES
Students specializing in early childhood will be prepared to work with children in family child care or child care centers as teachers and/or directors.

PREREQUISITES
It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied with a C or better before the designated class may be taken.

LABS
It is important that students have the opportunity to apply the theories and practices discussed in the classroom. To this end, several of the FHS classes require weekly labs working with young children in the lab. Lab students must provide evidence of a TB test, health evaluation and Food Handler's Permit within two weeks of starting a lab course.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 63 hours required)

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 2010 Interim Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
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</table>

QUANTITATIVE LITERACY

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1030 Quant Reas</td>
<td>3</td>
<td>A</td>
<td>MATH 1030 w/C or better</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
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<tr>
<td>MATH 1050 College Algebra</td>
<td>4</td>
<td>A</td>
<td>MATH 1050</td>
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AMERICAN INSTITUTIONS (3 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 1700 Amer Civilization</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLS 1100 US Gov &amp; Politics</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
</tbody>
</table>

INSTITUTIONAL REQUIREMENTS
LIFELONG WELLNESS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLAG ___</td>
<td>1</td>
<td>A</td>
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STUDENT CHOICE (3 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tr>
<td></td>
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</table>

COMPUTER LITERACY

<table>
<thead>
<tr>
<th>DISTRIBUTION AREAS (19 CREDITS)</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Science (BS)</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better</td>
</tr>
<tr>
<td>(Take a BIOL GE w/lab transfer.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fine Arts (FA)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Humanities (HU)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Interdisciplinary (ID)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Physical Science (PS)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Social Science (SS)</td>
<td>3</td>
<td>A</td>
<td>none</td>
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</table>

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (22 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
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<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>FHS 1500 Human Develop</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>FHS 2500 Child Develop</td>
<td>3</td>
<td>Sp</td>
<td>FHS 1500, FHS 2600, FHS 2610, w/FHS 0010</td>
</tr>
</tbody>
</table>

FHS 2600 Intro to ECE           | 3  | F, Sp | w/FHS 0010 |
| FHS 2610 Child Guidance       | 3  | F, Sp | w/FHS 0011 |
| FHS 2620 Creative Learning    | 3  | F    | FHS 1500, FHS 2600, FHS 2610, w/FHS 0010 |
| FHS 2800 Practicum Tch         | 5  | F    | FHS 2500, FHS 2620, w/FHS 2820 approval |
| FHS 2820 Teaching Sem          | 2  | F, Sp| FHS 2500, FHS 2620, w/FHS 2820 approval |

NOTE: FHS 0010 & FHS 0011 are two hour per week labs.

ELECTIVES (8 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 2010 Intro Special Ed</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>EDU 2140 Tech for Teachers</td>
<td>2</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>*FHS 1900 Spec Topics</td>
<td>1-2</td>
<td>F, Sp</td>
<td>approval</td>
</tr>
<tr>
<td>*FHS 2000 CO-OP</td>
<td>1-2</td>
<td>F, Sp</td>
<td>approval</td>
</tr>
<tr>
<td>FHS 2020 Spec Studies CDA Cmp</td>
<td>3</td>
<td>F</td>
<td>CDA Credential</td>
</tr>
<tr>
<td>FHS 2300 Administration</td>
<td>2</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>FHS 2310 Math Science Child</td>
<td>2</td>
<td>F</td>
<td>FHS 2600</td>
</tr>
<tr>
<td>FHS 2350 Art Music Child</td>
<td>2</td>
<td>F</td>
<td>FHS 2600</td>
</tr>
<tr>
<td>FHS 2400 Marriage Fam Rel</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>FHS 2550 Infnt Growth Dev</td>
<td>2</td>
<td>Sp</td>
<td>FHS 1500</td>
</tr>
<tr>
<td>FHS 2570 Growth Dev 6-12</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>FHS 2640 Fam, School &amp; Comm. Rel</td>
<td>3 Sp</td>
<td>none</td>
<td></td>
</tr>
</tbody>
</table>

* A total of one credit from either FHS 1900 or FHS 2000 can be applied toward graduation.

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>ENGL 2010</td>
</tr>
<tr>
<td>FHS 1500</td>
<td>FHS 2500</td>
</tr>
<tr>
<td>FHS 2600</td>
<td>FHS 2610</td>
</tr>
<tr>
<td>HLAG 1</td>
<td>DISTRIBUTION 6</td>
</tr>
<tr>
<td>AMERICAN INST</td>
<td>STUDENT CHOICE</td>
</tr>
<tr>
<td>TOTAL 16</td>
<td>TOTAL 15</td>
</tr>
</tbody>
</table>

2ND FALL SEMESTER | 2ND SPRING SEMESTER

| FHS 2620      | FHS 2820       |
| MATH 1030     | MATH 2820     |
| DISTRIBUTION 6| DISTRIBUTION 6|
| ELECTIVES 6   | ELECTIVE 2    |
| TOTAL 18      | TOTAL 15      |

* NOTE: Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.usshe.edu/hsld02a.html.

ASSOCIATE OF APPLIED SCIENCECTE DEGREE IN FAMILY AND HUMAN STUDIES (minimum 64 hours required)

This two-year AAS degree is designed for students who want to pursue a career as a teacher or director of a child care facility. Special attention is given to providing students with the business skills required to become an effective child care center administrator.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
</tbody>
</table>

QUANTITATIVE STUDIES

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 1380 Financial Math</td>
<td>3</td>
<td>A</td>
<td>MATH 0990 or CPT</td>
</tr>
</tbody>
</table>

COMMUNICATION

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1010 Elem of Elf Comm</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

HUMAN RELATIONS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>FHS 2640 W/krng w/Parents</td>
<td>2</td>
<td>F</td>
<td>none</td>
</tr>
</tbody>
</table>
DISTRIBUTION AREAS
Choose three to six credit hours from two of the following distribution areas:
- Biological Science (BS) 3-4 A RGD 1090 w/C or better
- Fine Arts (FA) 3 A none
- Humanities (HU) 3 A none
- Interdisciplinary (ID) 3 A none
- Physical Science (PS) 3 A none
- Social Science (SS) 3 A none

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (31 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 1050</td>
<td>A</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 1500</td>
<td>A</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2500 Child Dev</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2600 Intro to ECE</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2610 Child Guidance</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2620 Creative Learning</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2830 Pecticum Teach</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2820 Teaching Sem</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>MGT 2070 Hu Res Mgmt</td>
<td>F</td>
<td>none</td>
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</tbody>
</table>

NOTE: FHS 0010 is a two hour per week lab.

ELECTIVES (21 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 2100 Intro Special Ed</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>*FHS 1900 Spec Topics</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>*FHS 2000 CO-OP</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2500 Administration</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2550 Mth Scence Child</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2570 Art Music Child</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2400 Marriage Fam Rel (ID)</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2550 Infrt Growth Dev</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2570 Growth Dev 6-12</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2640 Fam, School &amp; Comm. Rel</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
</tbody>
</table>

* A total of one credit from either FHS 1900 or FHS 2000 can be applied toward graduation.

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1010</td>
<td>BUS 1050</td>
</tr>
<tr>
<td>ENGL 1010</td>
<td>FHS 2500</td>
</tr>
<tr>
<td>FHS 1500</td>
<td>FHS ELECTIVES</td>
</tr>
<tr>
<td>FHS 2600</td>
<td>FHS 1050</td>
</tr>
<tr>
<td>FHS 2610</td>
<td>MGT 2070</td>
</tr>
<tr>
<td>TOTAL</td>
<td>15</td>
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<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>DISTRIBUTION</td>
<td>FHS 2800</td>
</tr>
<tr>
<td>FHS 2620</td>
<td>FHS 2800</td>
</tr>
<tr>
<td>HR</td>
<td>ELECTIVES</td>
</tr>
<tr>
<td>ELECTIVES</td>
<td>TOTAL</td>
</tr>
<tr>
<td>TOTAL</td>
<td>16</td>
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</tbody>
</table>

COURSE OF COMPLETION/CTE

FAMILY AND HUMAN STUDIES

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1010 Intro to Comm</td>
<td>A</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>COMM 1020 Princols of Pub Spk</td>
<td>A</td>
<td>none</td>
<td></td>
</tr>
</tbody>
</table>

MATH 1030 Quant Reasoning | A  | MATH 1010 |
MATH 1040 Statistics | A  | MATH 1010 |
MATH 1050 College Algebra | A  | MATH 1010 |
FIN 1180 Financial Math | A  | MATH 0990 |
FHS 0010 Supervised Lab Exp | A  | none   |
FHS 1500 Human Develop | A  | none   |
FHS 2500 Child Develop | Sp | FHS 1500, FHS 2600, FHS 2610, w/FHS 0010 |

*FHS 2600 Intro to ECE | F | none | w/FHS 0010 |
*FHS 2610 Child Guidance | F | none | w/FHS 0010 |
*FHS 2620 Creative Learning | F | none | w/FHS 0010 |
FHS 2640 Fam, School & Comm. Rel | Sp | none | w/FHS 0010 |
FHS 2610 Pecticum Teach | F | none | w/FHS 0010 |
FHS 2820 Teaching Sem | F | none | w/FHS 0010 |

NOTES:
- FHS 0010 is a two hour per week lab.
- FHS 0010 can be applied toward graduation.

ELECTIVES (5 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
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<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>EDU 2100 Intro Special Ed</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>EDU 2140 Tech for Teachers</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 1320 Hlth Sfhy Nut</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>*FHS 1900 Spec Topics</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>*FHS 2000 CO-OP</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2500 Adminstrtion</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2550 Mth Scence Child</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2570 Arpt Music Child</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2400 Marriage Fam Rel</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2550 Infrt Growth Dev</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>FHS 2570 Growth Dev 6-12</td>
<td>F</td>
<td>none</td>
<td></td>
</tr>
</tbody>
</table>

* A total of one credit from either FHS 1900 or FHS 2000 can be applied toward graduation.

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>FHS 0010</td>
<td>FHS 2500</td>
</tr>
<tr>
<td>FHS 1500</td>
<td>FHS 2800</td>
</tr>
<tr>
<td>FHS 2600</td>
<td>MATH 1050</td>
</tr>
<tr>
<td>FHS 2610</td>
<td>ELECTIVES</td>
</tr>
<tr>
<td>COMM 1010</td>
<td>MATH 1040</td>
</tr>
<tr>
<td>TOTAL</td>
<td>17</td>
</tr>
</tbody>
</table>

CHILD DEVELOPMENT/CTE

ASSOCIATE CREDENTIAL
(minimum 10 credits required)

The Family and Human Studies department offers coursework that can be applied toward completion of the child development associate credential (CDA). The CDA credential is a nationally recognized, competency-based educational program offered by The Council for Early Childhood Professional Recognition. Credits earned as part of the CDA program transfer seamlessly into certificate and degree programs.

Students who are unfamiliar with the CDA program are encouraged to meet with a faculty advisor before starting the program. For more information about the CDA program, contact:
The child development associate credential requires, within the past five years, 120 contact hours of formal training and 480 contact hours working directly with children as a lead caregiver. Students wishing to complete the CDA credential should be working either full- or part-time in a state approved child development center or family child care home.

**MAJOR COURSE REQUIREMENTS**

- **FASH 1500 Human Development** 3 A none
- **FASH 1100 Special Topics** 1-2 E, Sp approval
- **FASH 2610 Intro to ECE** 3 E, Sp w/FASH 0010
- **FASH 2610 Child Guidance** 3 E, Sp w/FASH 0010

**FASHION INSTITUTE**

| Estimated cost of books and supplies per course | $500 |

Library Square (801) 957-2000  
Academic Advisor (801) 957-4482  
Director: Mojdeh Sakaki (801) 957-3929  
www.slcc.edu/fashion/index.asp

**THE PROGRAM**

The Fashion Institute's Certificate of Completion program is a one year degree that prepares students for careers in the fashion industry and provides a solid foundation for students who want to continue their education at four year institutions. Coursework trains students in fashion design, both theory and practice.

**PREREQUISITES**

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

**CLASS AVAILABILITY**

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and other modifications in the semester schedule.

**CERTIFICATE OF COMPLETION**

(Requires a total of 41 contact hours)

<table>
<thead>
<tr>
<th>MAJOR COURSE REQUIREMENTS</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>FASH 1000 Intro to Fashion</td>
<td>4</td>
<td></td>
<td>none</td>
</tr>
<tr>
<td>FASH 1100 Math of Pattern Design</td>
<td>3</td>
<td></td>
<td>FASH 1000</td>
</tr>
<tr>
<td>FASH 1210 Fashion Illus/Design</td>
<td>2</td>
<td></td>
<td>FASH 1000 or approval</td>
</tr>
<tr>
<td>FASH 1350 History of Fashion</td>
<td>2</td>
<td></td>
<td>FASH 1000</td>
</tr>
<tr>
<td>FASH 1501 Adv Sewing</td>
<td>3</td>
<td></td>
<td>FASH 1000 or approval</td>
</tr>
<tr>
<td>FASH 1505 Intermediate Sewing</td>
<td>3</td>
<td></td>
<td>FASH 1000</td>
</tr>
<tr>
<td>FASH 2010 Textiles</td>
<td>2</td>
<td></td>
<td>FASH 1000</td>
</tr>
<tr>
<td>FASH 2100 Adv Methods of Pat</td>
<td>3</td>
<td></td>
<td>FASH 1000</td>
</tr>
<tr>
<td>FASH 2400 Adv Design</td>
<td>4</td>
<td></td>
<td>FASH 1000, FASH 1200, FASH 1505, FASH 2010, w/FASH 2100, MGT 1100</td>
</tr>
</tbody>
</table>

| FASH 2450 Fashion Design Portfolio | 2  |     | FASH 1210, FASH 1350, FASH 1400 |
| FASH 2500 Fashion Entrepreneurship | 3  |     | FASH 1000, FASH 1200, FASH 1505, FASH 2010 & FASH 2100 |

*Recommended to follow FASH 1100, FASH 1200, FASH 1505, concurrent with FASH 2010 & FASH 2100.

**ELECTIVES (OPTIONAL)**

(May substitute for above required courses)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>FASH 1110 Your Personal Pattern</td>
<td>2</td>
<td></td>
<td>FASH 1500</td>
</tr>
<tr>
<td>FASH 1220 Fashion Illustration</td>
<td>2</td>
<td></td>
<td>FASH 1210</td>
</tr>
<tr>
<td>FASH 1300 Visual Merchandising</td>
<td>2</td>
<td></td>
<td>FASH 1210</td>
</tr>
<tr>
<td>FASH 1370 20th Century Fashion</td>
<td>2</td>
<td></td>
<td>FASH 1505 recom.</td>
</tr>
<tr>
<td>FASH 1400 Corset Making</td>
<td>2</td>
<td></td>
<td>FASH 1505</td>
</tr>
<tr>
<td>FASH 1430 Bridal Design I</td>
<td>2</td>
<td></td>
<td>FASH 1505</td>
</tr>
<tr>
<td>FASH 1500 Beginning Sewing</td>
<td>3</td>
<td></td>
<td>FASH 1505</td>
</tr>
<tr>
<td>FASH 1510 Adv Alterations &amp; Fit</td>
<td>2</td>
<td></td>
<td>FASH 1505</td>
</tr>
<tr>
<td>FASH 1600 Serger Techniques</td>
<td>2</td>
<td></td>
<td>FASH 1500</td>
</tr>
<tr>
<td>FASH 1610 Knitwear Design</td>
<td>3</td>
<td></td>
<td>FASH 1570, FASH 1500 or basic sewing knowledge</td>
</tr>
<tr>
<td>FASH 1650 Embellishments</td>
<td>2</td>
<td></td>
<td>FASH 1505</td>
</tr>
<tr>
<td>FASH 1700 Tailoring</td>
<td>3</td>
<td></td>
<td>FASH 1505</td>
</tr>
<tr>
<td>FASH 1850 Fashion Show Production</td>
<td>2</td>
<td></td>
<td>FASH 1505</td>
</tr>
<tr>
<td>FASH 1900 Special Projects</td>
<td>1-3</td>
<td></td>
<td>instructor approval</td>
</tr>
<tr>
<td>FASH 2000 Internship for Fashion</td>
<td>1</td>
<td></td>
<td>instructor approval</td>
</tr>
<tr>
<td>FASH 2210 Psychology of Clothing</td>
<td>2</td>
<td></td>
<td>FASH 1505</td>
</tr>
<tr>
<td>FASH 2240 Fashion Buying &amp; Mgt</td>
<td>2</td>
<td></td>
<td>FASH 1505</td>
</tr>
<tr>
<td>FASH 2260 Fashion Forecasting/Mktg</td>
<td>2</td>
<td></td>
<td>FASH 1505</td>
</tr>
<tr>
<td>FASH 2310 Costuming</td>
<td>3</td>
<td></td>
<td>FASH 1500, FASH 1505</td>
</tr>
</tbody>
</table>

General Education Recommendations: In addition to major course requirements, students are required to take one General Education course in each of the following three categories: Human Relations (HR); Communications (CM); and Quantitative Studies (QS).

**HUMAN RELATIONS (HR)**

- **ART 1110 Foundation Seminar (HR)** (Recommended for Visual Art & Design students only)
- **CM 1100 Interpersonal Communication (HR)**
- **CTEL 1010 Leadership & Team Building (HR)**
- **LE 1220 Human Relations for Career Development (SS, HR)**
- **MKTG 1010 Customer Service (HR)**
- **MKTG 1050 Consumerism (ID)**
- **MKTG 1960 Professionalism in Business (HR)**

**COMMUNICATIONS (CM)**

- **CM 1100 Elements of Effective Communication (CM)**
- **CM 1200 Principles of Public Speaking (CM)**
- **CTEL 1020 Career Speech Skills (CM)**

**QUANTITATIVE OPTIONS (QS)**

- **ART 1110 Math for Visual Arts (QS)**
- **FIN 1380 Financial Mathematics (QS)**
- **MATH 1010 Intermediate Algebra (QS)**

**SAMPLE SCHEDULE**

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>FASH 1010</td>
<td>FASH 1510</td>
</tr>
<tr>
<td>FASH 1100</td>
<td>FASH 2100</td>
</tr>
<tr>
<td>FASH 1210</td>
<td>FASH 2450</td>
</tr>
<tr>
<td>FASH 1350</td>
<td>FASH 2500</td>
</tr>
<tr>
<td>FASH 1505</td>
<td>TOTAL 15</td>
</tr>
<tr>
<td>FASH 2010</td>
<td>TOTAL 17</td>
</tr>
<tr>
<td>FASH ELEC 2</td>
<td></td>
</tr>
<tr>
<td>TOTAL 9</td>
<td></td>
</tr>
</tbody>
</table>

**SUMMER SEMESTER**

- **GE 3**
- **GE 3**
- **GE 3**

**TOTAL 9**

**FILM**

See Fine Arts; also see Film Production Technician.
FILM PRODUCTION TECHNICIAN

Estimated cost of books and supplies per semester is comparable to other AAS programs. Classes requiring registration for a lab may require a small replacement and disposable fee to cover the cost of the student's use of facilities and supplies.

South City Campus W141
General Information: (801) 957-4073
Academic Advisor SC 240 (801) 957-4294
www.slcc.edu/performingarts

Instructor: Channing Lowe
(801) 957-3901

THE PROGRAM
The Film Production Technician program provides students with the specialized knowledge required to perform a wide variety of tasks encountered in the professional world of production.

Students master skills required to be competitive for technical positions in Utah's local film industry. Such skills will include the interpretation of technical terms and functions, the operation of camera equipment, and understanding film and video stock, scene composition, lighting, and audio. Students will learn to create a production design, operate production vehicles, and edit productions.

Students may train for various film industry positions such as camera operator, audio operator, floor director, video/film editor, art director, sound recordist, light technician, special effects and motion graphic artist.

The Salt Lake Community College program involves students with full-time faculty as well as expert film industry professionals who teach courses within their areas of expertise. The local film industry is highly supportive of efforts to train people in these areas and will provide internship opportunities for SLCC students.

Work in this profession is often fast paced, emotionally and physically demanding and often involves long hours but is highly rewarding. Students will need to establish their reputations within the corporate and commercial film industry and salaries vary widely depending on the type of work performed and the level of experience required.

Prerequisites
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY
The semesters in which courses are taught are listed below. Students should check the current class schedule for availability of courses at all sites for day/evening/weekend availability and for modification caused by varying enrollments.

ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN FILM PRODUCTION TECHNICIAN
(minimum 69 credits required)

GENERAL EDUCATION REQUIREMENTS (16 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>CPT Score or WRTG 0990 w/C or better</td>
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</table>

QUANTITATIVE STUDIES

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>MATH 1010 Inter Algebra</td>
<td>4</td>
<td>A</td>
<td>MATH 0990 or CPT score</td>
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</table>

COMMUNICATION

<table>
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<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1010 Elem of Eff Comm</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1020 Principles of Public Speaking</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>CTEL 1020 Career Speech Skills</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

HUMAN RELATIONS 3
See pp. 24-25 for options in this category.

DISTRIBUTION AREAS
Choose an additional three credits from one of the following distribution areas:

- Biological Science (BS)
  - F4 A
  - RDG 0900 w/C or better
- Fine Arts (FA)
  - 3 A
  - none
- Humanities (HU)
  - 3 A
  - none
- Interdisciplinary (ID)
  - 3 A
  - none
- Physical Science (PS)
  - 3 A
  - none
- Social Science (SS)
  - 3 A
  - none

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1310 Basic Photography</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>COMM 2500 Elem/Int Dig Med</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>FLM 1045 Beginning Film Prod.</td>
<td>6</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>FLM 1055 Intermediate Film Prod.</td>
<td>6</td>
<td>F,Sp</td>
<td>FLM 1045</td>
</tr>
<tr>
<td>FLM 1800 Digital Media Essent</td>
<td>4</td>
<td>A</td>
<td>none</td>
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<tr>
<td>FLM 1875 Screenwriting</td>
<td>3</td>
<td>F,Sp</td>
<td>none</td>
</tr>
<tr>
<td>FLM 2045 Adv Film Prod. – Doc</td>
<td>3</td>
<td>F,Sp</td>
<td>FLM 1045, FLM 1055</td>
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<tr>
<td>FLM 2069 Motion Pic Sound</td>
<td>4</td>
<td>F,Sp</td>
<td>FLM 1875</td>
</tr>
<tr>
<td>FLM 2715 Adv Physical Production</td>
<td>4</td>
<td>Sp</td>
<td>FLM 1045, 1055, 1060</td>
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ELECTIVES (2 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
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<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>FLM 1070 Film And Culture</td>
<td>4</td>
<td>TBA</td>
<td>none</td>
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<tr>
<td>FLM 1900 Independent Stud</td>
<td>2</td>
<td>TBA</td>
<td>instructor approval</td>
</tr>
<tr>
<td>*FLM 2750 Film Prod Intership</td>
<td>3</td>
<td>F,Sp</td>
<td>FLM 2030, FLM 2040</td>
</tr>
<tr>
<td>THEA 2443 Mus Theatre Perf</td>
<td>3</td>
<td>TBA</td>
<td>THEA 1033 or instructor approval</td>
</tr>
<tr>
<td>THEA 1160 Tech Theatre I Lab</td>
<td>3</td>
<td>TBA</td>
<td>none</td>
</tr>
<tr>
<td>THEA 1193 Stagecraft</td>
<td>3</td>
<td>TBA</td>
<td>none</td>
</tr>
<tr>
<td>THEA 1223 Make-Up</td>
<td>3</td>
<td>TBA</td>
<td>none</td>
</tr>
<tr>
<td>THEA 2520 Creative Dramatics</td>
<td>2</td>
<td>TBA</td>
<td>none</td>
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</table>

*Recommended

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>SEMESTER</th>
<th>ENGL 1010 3</th>
<th>FLM 1045 6</th>
<th>ART 1310 4</th>
<th>COMM 2500 4</th>
<th>TOTAL 17</th>
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<tbody>
<tr>
<td>FALL</td>
<td></td>
<td></td>
<td></td>
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</tr>
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<td>SPRING</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>SEMESTER</th>
<th>FLM 2045 4</th>
<th>FLM 2065 4</th>
<th>FLM 1515 3</th>
<th>HR 3</th>
<th>TOTAL 18</th>
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<tbody>
<tr>
<td>2ND FALL</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2ND SPRING</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FINANCE AND CREDIT

Business Building 105 (801) 957-4325
General Information (801) 957-4073
Academic Advising Appointments (801) 957-4300
www.slcc.edu/financeandcredit

Professors: Joseph R. Howell, Jr., K. T. Magnusson
Associate Professor: Dennis Wilson
Assistant Professors: A. Marlon Andrus, Lew Jeppson, Dennis Watson
Instructor: Rungrudee Suetsorsak
THE PROGRAM
The need for sound financial investments will grow because monetary transactions are and will continue to be the life-blood of every business and organization. The course work prepares students for various career paths including the financial service industry (banks, savings and loans, credit unions, mortgage and thrift companies), commercial and retail credit analysis, credit granting and collections. In addition, finance and credit majors can apply their skills in other areas such as cash management, insurance, real estate, brokerage and investment activities of financial management. Additionally, training in accounting, computer application, economics, business management and communication skills is emphasized as part of the finance program.

The Finance and Credit Certificate and Associate of Applied Science degree are designed to provide training for employment as financial service representatives, consumer lenders, mortgage loan processors, insurance agent underwriters, credit clerks and others. Students who are interested in pursuing courses leading to a Bachelor's degree in Finance should follow courses listed in Business Associate of Science or Business Associate of Arts degrees listed elsewhere in this catalog.

General Education and elective courses provide training in effective oral and written communication and human relation skills. BUS 1050 is taught using group and team activities in the learning process to develop the student's interactive skills and to build human values and ethics.

The Finance and Credit associate degree program is accredited by the Association of Collegiate Business Schools and Programs (ACBSP). This accreditation represents the achievement of meeting the high national standards established for associate degree-granting business programs.

PREPARATION NOTE
The classes designed to assist students in reaching the necessary skill level to enter the certificate and degree programs are MATH 0990 (Elementary Algebra) and CIS 1020 (Computer Applications). Any class in the preparatory skills may be waived if the student can demonstrate equivalent skills.

PREREQUISITES
It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

Students who wish to take the CIS 1020 Computer Essentials challenge exam are advised to review the information at www.slcc.edu/CIS. An 80% or higher is required on each section of the test.

ELECTIVE OPTIONS
Cooperative Education is the College's strategy for recognizing and rewarding new learning associated with study-related employment in a business, industrial or government work environment. Credit earned from FIN 2000 is applied toward graduation requirements as finance elective credit. Students are eligible for FIN 2000 Co-op after completion of a minimum of 12 credits of Finance courses.

The department strongly recommends that students enhance their employment opportunities through Cooperative Education as soon as skills permit, to complement the certificate or degree. Contact CO-OP Education at (801) 957-4014.

CLASS AVAILABILITY
Semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED SCIENCE DEGREE IN FINANCE AND CREDIT
(minimum 65 hours required)

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>MATH 1050 Financial Math</td>
<td>3</td>
<td>A</td>
<td>MATH 0990 or CPT</td>
</tr>
<tr>
<td>BUS 2500 Bus Communications</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
</tbody>
</table>

HUMAN RELATIONS
MKTG 1050 Prof in Business | 3 | A | none |

DISTRIBUTION AREAS
Choose an additional six credit hours from at least two of the following distribution areas:
- Biological Science (BS) | 3-4 | A | RDG 0990 w/C or better |
- Fine Arts (FA) | 3 | A | none |
- Humanities (HU) | 3 | A | none |
- Interdisciplinary (IN) | 3 | A | none |
- Physical Science (PS) | 3 | A | none |
- Social Science (SS) | 3 | A | none |
- Interdisciplinary: except BUS 1050, FIN 1050 and MKTG 1050 (if using as an elective) ECON 1010 is recommended for Social Science. See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tr>
<td>ACCT 2010 Survey Fin Acct</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ACCT 2020 Managerial Acct</td>
<td>3</td>
<td>A</td>
<td>ACCT 1110 or ACCT 2010, CIS 1020 or comp</td>
</tr>
<tr>
<td>BUS 1050 Foundations of Bus</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>MKTG 1010 Cnt Ser Tech</td>
<td>2</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ECON 2010 Microeconomics</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ECON 2020 Macroeconomics</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>FIN 1050 Personal Financ</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>FIN 1120 Princ of Banking</td>
<td>2</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>FIN 2040 Financial Mgmt</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>FIN 2500 Intro to Investment</td>
<td>3</td>
<td>F</td>
<td>FIN 1050</td>
</tr>
<tr>
<td>FIN 2200 Personal Fin Plan</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>FIN 2210 Princ of Bus Credit</td>
<td>2</td>
<td>A</td>
<td>ACCT 1110 or ACCT 2010</td>
</tr>
<tr>
<td>FIN 2505 Exec Lectures I</td>
<td>1</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>MGT 2050 Legal Env Bus</td>
<td>3</td>
<td>A</td>
<td>FIN 1010 or BUS 1050</td>
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FINANCE AND CREDIT ELECTIVES
(7 CREDITS MINIMUM)

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<th>COURSE</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ECON 1010 Economics Soc</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ECON 1400 Econ Hist Am Lb</td>
<td>3</td>
<td>Sp</td>
<td>HIST 1700 or ECON 1740</td>
</tr>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ECON 2100 Labor Economic</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>ECON 2100 Money &amp; Banking</td>
<td>3</td>
<td>Sp</td>
<td>ECON 2010, ECON 2020</td>
</tr>
<tr>
<td>ECON 2400 Intnl Econ/Fin</td>
<td>3</td>
<td>F</td>
<td>ECON 2010, ECON 2020</td>
</tr>
<tr>
<td>ECON 2990 Special Studies</td>
<td>1-3</td>
<td>TBA</td>
<td>instructor's approval</td>
</tr>
<tr>
<td>FIN 2000 CO-OP</td>
<td>1-3</td>
<td>A</td>
<td>instructor's approval</td>
</tr>
<tr>
<td>FIN 2150 Mutual Funds</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>FIN 2220 Fin Stmt Analysis</td>
<td>2</td>
<td>F, Sp</td>
<td>none</td>
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<tr>
<td>FIN 2240 Credit Law</td>
<td>2</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>FIN 2600 Securities Trading I</td>
<td>3</td>
<td>F</td>
<td>none</td>
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<tr>
<td>FIN 2960 Exec Lctt II</td>
<td>1</td>
<td>Sp</td>
<td>FIN 2950</td>
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<tr>
<td>FIN 2990 Spec Std Financ</td>
<td>1-3</td>
<td>TBA</td>
<td>instructor's approval</td>
</tr>
</tbody>
</table>

*ECON 1010 can be taken for Social Science General Education OR Finance and Credit electives. Credit will apply to only one of the two areas.
FINE ARTS

NON-FINANCE AND CREDIT ELECTIVES
(3 CREDITS MAXIMUM)

<table>
<thead>
<tr>
<th>COURSE</th>
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<tbody>
<tr>
<td>BUS 1910 PBL Sp Projects</td>
<td>2</td>
<td>TBA</td>
</tr>
<tr>
<td>BUS 1150 Calculus for Bus</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>MGT 2810 Internship in Marketing</td>
<td>3</td>
<td>A</td>
</tr>
</tbody>
</table>

**CANNOT BE TAKEN IF FIN 2960 TAKEN AS A FINANCE ELECTIVE.
**

* *MGT 2810 Entrepreneurship *F

FALL SEMESTER

| BUS 1050 | 3 | 1 |
| BUS 1090 | 3 | 1 |
| BUS 2200 | 3 | 1 |
| BUS 2990 | 1 | 1 |

TOTAL 17

2ND FALL SEMESTER

| BUS 2200 | 3 | 1 |
| BUS 2990 | 1 | 1 |

TOTAL 17

SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
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<tbody>
<tr>
<td>BUS 1050 3</td>
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<tr>
<td>BUS 1090 3</td>
</tr>
<tr>
<td>BUS 2200 3</td>
</tr>
<tr>
<td>BUS 2990 1</td>
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<tr>
<td>TOTAL 17</td>
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<table>
<thead>
<tr>
<th>SPRING SEMESTER</th>
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<tbody>
<tr>
<td>BUS 1090 3</td>
</tr>
<tr>
<td>BUS 2200 3</td>
</tr>
<tr>
<td>BUS 2990 1</td>
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<td>TOTAL 17</td>
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CERTIFICATE OF COMPLETION/CTE
FINANCE AND CREDIT
(MINIMUM 34 HOURS REQUIRED)

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ACCT 2010 Survey Fin Acct</td>
<td>3</td>
<td>A</td>
<td>none</td>
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<tr>
<td>BUS 1050 Foundations of Business</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BUS 2200 Bus Communications</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
<tr>
<td>MKTG 1010 Cast Serv Tech</td>
<td>2</td>
<td>A</td>
<td>none</td>
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<tr>
<td>ENGL 1090 Intro to Writing</td>
<td>2</td>
<td>A</td>
<td>pre-test</td>
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<tr>
<td>FIN 1050 Personal Fin</td>
<td>2</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>FIN 1180 Financial Math</td>
<td>2</td>
<td>A</td>
<td>Math 1090 or CPT</td>
</tr>
<tr>
<td>FIN 2950 Fin Economics I</td>
<td>3</td>
<td>A</td>
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<tr>
<td>FIN ___ Electives</td>
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CHOOSE ONE OF THE FOLLOWING:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ECON 2100 Microeconomics</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ECON 2200 Macroeconomics</td>
<td>3</td>
<td>A</td>
<td>none</td>
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FINANCE ELECTIVES (10 CREDITS)

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<th>COURSE</th>
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<tbody>
<tr>
<td>BUS 1910 PBL Sp Projects</td>
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<td>TBA</td>
</tr>
<tr>
<td>ECON 2100 Economics Soc Sci</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>ECON 1400 Econ Hist Am Lb</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>ECON 1550 Econ Hist of US</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>*ECON 2010 Microeconomics</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>*ECON 2020 Macroeconomics</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>ECON 2200 Labor Economics</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>ECON 2400 Int Econ/Fin</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>FIN 1210 Principles Bankg</td>
<td>2</td>
<td>A</td>
</tr>
<tr>
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* Whichever one is not used to satisfy the Core Requirement.

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FINE ARTS

See Visual Art and Design for courses such as: airbrush, animation, calligraphy, computer-assisted design, drawing, graphic design, illustration, jewelry, multimedia, offset printing, painting, photography, pottery, screen printing, typography, and layout.

Taylorsville Redwood Campus (801) 957-4130
General Information (801) 957-4075
Academic Advisor SC 240 (801) 957-4294

Associate Professors: Lyle Archibald, Tess Boone
Assistant Professors: Thomas Baggaley, Jon Clark, Craig Ferrin, Frank Gerrish

Instructors: Channing Lowe

THE PROGRAM
The Fine Arts Department includes courses in dance, film, music and theater. Courses are designed to support creative expression with the primary goal of developing students who are willing to take risks and discover a personal voice. The department is committed to the artistic process through a disciplined understanding and practice of the theory, techniques and skill of the performing arts. To that end, courses guide students from theoretical knowledge, through practical skill, to performance. Most courses are transferable and students interested in pursuing a four-year degree in dance, film, music or theater should contact the academic advisor. Courses which can be repeated for credit may be repeated for a maximum of six credits. THEA 1190 and THEA 1900 may be repeated as often as desired. Performing arts scholarships are available. Interested students should contact the division office or the Financial Aid Office.

TRANSFER INFORMATION
Music majors planning to transfer to a four-year institution will be required to pass a vocal or instrumental proficiency exam. It is strongly encouraged that students take 45-minute private lessons each semester in voice or their instrument of study to prepare for this exam.

PREREQUISITES
It is the student's responsibility to examine each course description for details of prerequisites for each class. Those prerequisites must be satisfied before the designated class may be taken.

BOOKS AND SUPPLIES
Cost of supplies and texts are comparable with other General Education classes at approximately $40 per text. Some courses may require concert/play attendance.

DEPARTMENTAL OFFERINGS

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### Fine Arts

#### Film

(See also "Film Production Technician" Program)

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| FLM 1100    | Acting f/Camera | A | Concurrent |
| FLM 1101    | Acting f/Cam. Lab | A | Concurrent |
| FLM 1151    | Basic Audio Production | A | none |
| FLM 1800    | Digital Media Essential | A | none |
| FLM 1900    | Indep Studies | A | Concurrent |
| FLM 2101    | UndFileDirt fTech | Sp | Concurrent |
| FLM 2155    | Film Dir. techs | Sp | Concurrent |
| FLM 2145    | Comm. Film Prod | Sp | Concurrent |
| FLM 2065    | Motion Pict Sound | Sp | Concurrent |
| FLM 2200    | Intro Fim Criticism | A | Concurrent |
| FLM 2715    | Adv Physical Prod | Sp | Concurrent |
| FLM 2800    | Acting f/Directors | F | Concurrent |
| FLM 2801    | Acting f/Direct Lab | F | Concurrent |

#### Fine Arts

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#### Music

(See also "Music" Degree Program)

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SLCC 2010-2011 GENERAL COLLEGE CATALOG 183
ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN FITNESS TECHNICIAN
(minimum of 64 credit hours required)

GENERAL EDUCATION REQUIREMENTS

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COMMUNICATION

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</thead>
<tbody>
<tr>
<td>COMM 1010 Elem of Eif Comm</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

HUMAN RELATIONS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKTG 1960 Prof in Business</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>MKTG 1010 Catmr Srvce Tech</td>
<td>2</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

1. *Biological Science (BS)*: 3 A none
2. Fine Arts (FA): 3 A none
3. Humanities (HU): 3 A none
4. *Interdisciplinary (IN)*: 3 A none
5. Physical Science (PS): 3 A none
6. Social Science (SS): 3 A none

*Except BIOL 1090, HLTH 1050 and HLTH 1500. See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (38 CREDIT HOURS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1090 Human Biology</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>HLAC 1062 Flshlty f/fitness</td>
<td>1</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>HLAC 2110 Pupes Weight Trng</td>
<td>1</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1020 Fndtions Nutrition</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1105 BodyImage/Wt Mgt</td>
<td>2</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1200 Frst Aid/Safety</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1500 Stress Management</td>
<td>2</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1400 Intro/PrsnlTrn/CrptEx</td>
<td>2</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1405 Evl&amp;AssmnlFitness</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1500 Lifetrn Wellness/Fitness</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 2020 Nutrition f/Fitness/Sport</td>
<td>3</td>
<td>F, Sp</td>
<td>HLTH 1020 or HLTH 1020 recommended</td>
</tr>
</tbody>
</table>


CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and any other modifications to the semester schedule.

FITNESS TECHNICIAN

General Information (801) 957-4035
Academic Advisor SL 109 (801) 957-4358
Department of Health and Lifetime Activities
LAC 201 (801) 957-5055

www.slcc.edu/fitness

Professor: Gustavo Ibarra
Associate Professor: Soni Adams, Dollie Richards, Jean Widdison
Assistant Professors: Maryln Harmer, Paul Roberts, Julie Morgan

THE PROGRAM

The Fitness Technician Program is designed to train students to meet the growing demand in the fitness profession for personal trainers and group exercise instructors. Students may choose from either personal trainer or group exercise instructor track.

Core courses include training in nutrition, first-aid, wellness concepts, kinesiology, exercise physiology, weight management, fitness motivation, principles of weight training and principles of flexibility. The elective courses specialize in the areas of either personal training or group exercise instruction. An internship of 120 hours for the personal trainer and 80 hours for the group exercise instructor track, is required to complete the degree.

Successful completion of the program prepares the graduate to sit for certifications from various fitness associations including (but not limited to): the National Strength and Conditioning Association - Certified Personal Trainer (NSCA-CPT), the American Council on Exercise (ACE) and the Aerobic and Fitness Association of America (AFAA).

GENERAL INFORMATION

Estimated cost of books and supplies per semester $170

THEATER

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 1013 Survey Theater (FA)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>THEA 1023 Intro to Film (FA)</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>THEA 1070 Film and Culture (FA, DV)</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>THEA 1090 Bridging the Arts (FA)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>THEA 1011 Acting I-Basic</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>THEA 1015 Basic Audio Production</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>THEA 2033 Acting II-Scene</td>
<td>3</td>
<td>A</td>
<td>THEA 1013</td>
</tr>
<tr>
<td>THEA 2443 Music Theater</td>
<td>3</td>
<td>TBA</td>
<td>THEA 1013</td>
</tr>
<tr>
<td>THEA 1160 Tech I Lab</td>
<td>3</td>
<td>TBA</td>
<td>w/ THEA 1153</td>
</tr>
<tr>
<td>THEA 1170 Tech II Lab</td>
<td>3</td>
<td>TBA</td>
<td>w/ THEA 1160</td>
</tr>
<tr>
<td>THEA 1171 Tech III Lab</td>
<td>3</td>
<td>TBA</td>
<td>w/ THEA 1153</td>
</tr>
<tr>
<td>THEA 1173 Tech I Stagecraft</td>
<td>3</td>
<td>TBA</td>
<td>w/ THEA 1160</td>
</tr>
<tr>
<td>THEA 1190 Production</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>THEA 2513 Acting III Design</td>
<td>3</td>
<td>TBA</td>
<td>THEA 1160, THEA 1153, w/ THEA 1170, THEA 1153</td>
</tr>
<tr>
<td>THEA 1560 Tech II Light/Sd</td>
<td>3</td>
<td>TBA</td>
<td>w/ THEA 1170, THEA 1153</td>
</tr>
<tr>
<td>THEA 1900 Special Projects</td>
<td>1-2</td>
<td>A</td>
<td>instructor's approval</td>
</tr>
<tr>
<td>THEA 2150 Acting III-Aud</td>
<td>3</td>
<td>TBA</td>
<td>THEA 1133</td>
</tr>
<tr>
<td>THEA 2200 Intro Film Crit</td>
<td>4</td>
<td>F, Sp</td>
<td>ENGL 1010, THEA 1023 or THEA 1070</td>
</tr>
<tr>
<td>THEA 2233 Make-up</td>
<td>3</td>
<td>TBA</td>
<td>none</td>
</tr>
<tr>
<td>THEA 2250 Creative Drama</td>
<td>2</td>
<td>TBA</td>
<td>none</td>
</tr>
<tr>
<td>THEA 2900 Special Topics</td>
<td>1-3</td>
<td>TBA</td>
<td>none</td>
</tr>
<tr>
<td>THEA 2990 Perf Arts Connec</td>
<td>2</td>
<td>Sp</td>
<td>instructor's approval</td>
</tr>
</tbody>
</table>
The general studies associate of science degree is designed for students who need a composite undergraduate experience for transfer to a specific baccalaureate degree and for those who have an undefined major and seek to transfer for a baccalaureate degree. Students who are undecided about their majors are encouraged to use the general studies core area to further explore their interests by selecting courses from a variety of disciplines. Students who have identified a future major may use this area to select classes that satisfy specific prerequisite and pre-major requirements for their intended baccalaureate degree. Students are encouraged to select appropriate courses that will satisfy requirements at four-year institutions.

The AS degree requires a minimum of 61 semester hours of transferable credit with a cumulative grade-point average of 2.0 or better (2.5 or better is recommended). Elective hours may be chosen to coincide with student’s chosen emphasis.

**PREPARATION NOTE**
Students who need to take preparatory classes to meet prerequisites of first semester courses should plan extra time to complete the program. Students wishing to transfer to a specific program at a four-year institution should check with that institution to ensure that all courses are taken. Students pursuing a degree in general studies should consult with academic advisors and/ or receiving institutions in selecting core mathematics courses. Usually MATH 1050 is appropriate for students intending to major in physical, computational and biological sciences, engineering and other applied science fields; MATH 1030 is appropriate for liberal arts students, MATH 1040 is appropriate for students intending to major in social sciences, behavioral sciences, humanities and the health sciences; MATH 1090 is appropriate for students intending to major in Business.

**PREREQUISITES**
It is the student’s responsibility to examine each course description for details on prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

**CLASS AVAILABILITY**
Semesters in which courses are taught are listed below. Check the semester schedule for day/evening availability and modifications caused by varying enrollment.

**COMPLETING THE LISTED REQUIREMENTS**
Below results in receiving an Associate of Science Transfer Degree* (minimum 61 hours required)

**GENERAL EDUCATION REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CORE SKILLS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>English 2010 Intern Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
<tr>
<td>or English 2100 Tech Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td><strong>QUANTITATIVE LITERACY</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 1030 Quant Reas</td>
<td>3</td>
<td>A</td>
<td>MATH 1010 w/C or better</td>
</tr>
<tr>
<td>or MATH 1040 Statistics</td>
<td>3</td>
<td>A</td>
<td>MATH 1010</td>
</tr>
<tr>
<td>or MATH 1050 College Algebra</td>
<td>4</td>
<td>A</td>
<td>MATH 1010</td>
</tr>
<tr>
<td><strong>AMERICAN INSTITUTIONS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 or appropriate placement score</td>
</tr>
<tr>
<td>or HIST 1700 Amer Civilization</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 or appropriate placement score</td>
</tr>
<tr>
<td>or POLS 1100 US Gov &amp; Politics</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 or appropriate placement score</td>
</tr>
</tbody>
</table>

**GENERAL STUDIES**
Technology Building 325C (801) 957-4280
General Information (801) 957-4073
Academic Advisor (801) 957-4978
www.slcc.edu/gened

THE PROGRAM
The general studies associate of science degree is designed for students who need a composite undergraduate experience for
INSTITUTIONAL REQUIREMENTS
LIFELONG WELLNESS
HLAC 1 A none

STUDENT CHOICE (3-4 CREDITS)
DEPTH: ANY SECOND COURSE FROM ONE OF THE GEN ED DISTRIBUTION AREAS (SEE BELOW).
OR

INTENSIVE:
BUS 2200 Bus Communication 3 A none
COMM 1010 Elem of Effective Com 3 A none
COMM 1020 Principles of Pub Speaking 3 A none
PHIL 1350 Reas/Rational Dec Making 3 A none

COMPUTER LITERACY
CIS 1020 Comp Essentials 3 A none

OR
Competency Test
(Notes that CIS 1020 may be used as elective credit for the General Studies A.S. degree.)

DISTRIBUTION AREAS
Choose one course (3-4 credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS) 3-4 A none
Fine Arts (FA) 3-4 A none
Humanities (HU) 3 A none
Interdisciplinary (ID) 3 A none
Physical Science (PS) 3 A none
Social Science (SS) 3 A none

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (27 CREDITS REQUIRED)
Complete twenty-seven (27) credit hours from any college course numbered 1000 or above, and not duplicative of required courses above – except for the Computer Literacy course, which may be used for elective credit. A maximum of 2 credits from Health and Lifetime Activities (HLAC) beyond the Lifetime Wellness requirement may be used as elective credit towards the General Studies A.S./AA degree.

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>ENGL 1020/2100</td>
</tr>
<tr>
<td>MATH 1030</td>
<td>MATH 1040</td>
</tr>
<tr>
<td>OR</td>
<td>DISTRIBUTION</td>
</tr>
<tr>
<td>MATH 1040</td>
<td>ELECTIVES</td>
</tr>
<tr>
<td>OR</td>
<td>HLAC</td>
</tr>
<tr>
<td>MATH 1050</td>
<td>TOTAL</td>
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<tr>
<td>OR</td>
<td>15-16</td>
</tr>
</tbody>
</table>

2ND FALL SEMESTER

<table>
<thead>
<tr>
<th>DISTRIBUTION</th>
<th>ELECTIVES</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-7</td>
<td>9</td>
</tr>
<tr>
<td>TOTAL</td>
<td>15-16</td>
</tr>
</tbody>
</table>

2ND SPRING SEMESTER

<table>
<thead>
<tr>
<th>DISTRIBUTION</th>
<th>ELECTIVES</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-7</td>
<td>9</td>
</tr>
<tr>
<td>TOTAL</td>
<td>15</td>
</tr>
</tbody>
</table>

*NOTE: Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at: www.slcc.edu/transfercenter.

THE PROGRAM
The Geographic Information Science Technology program provides students with skills in Geographic Information Science Technology using ESRI software. GIS related employment is one of the fastest growing areas in today's workplace. A Geographic Information System (GIS) is a powerful tool designed to work with data referenced by spatial or geographic coordinates. This system captures, stores, checks, integrates, manipulates, analyzes and displays data. The data is spatially referenced to the earth. Geographic Information Sciences use GIS tools along with remote sensing, aerial photography, photogrammetry; and others to capture, store, retrieve, analyze, model and display data.

The unique application of GIS appeals to students' interest in numerous academic/economic sections including but not limited to the following, Marketing, Urban Planning, Public Safety, Criminal Justice, Law Enforcement, Medicine, Forestry, Bureau of Land Management, Transportation, Environmental Studies, Emergency Preparedness, Archeology, and Public Utilities. These entities are only a small sample of the ubiquitous nature of GIS.

CAREER OPPORTUNITIES
Students completing the GIS Certificate will be highly qualified for most entry-level geospatial technology positions, specifically in Geographic Information Systems (GIS). Entry-level positions could include: local, state, and federal governmental agencies, nonprofit organizations, transportation, public utilities, private-sector positions, and military.

The strength of the GIS Certificate is its broad interdisciplinary applications. Students seeking an Associate of Science (AS) or Associate of Applied Science (AAS) degree will find greater marketability when combined with the GIS Certificate. Students combining degrees with the GIS Certificate can find potential jobs in: geography, environmental geology, surveying, wildlife/ecology, sustainability, energy management, business and marketing, criminal justice, computer science, transportation, urban planning, computer information systems, education, social sciences, communication, government, homeland security, disaster response, non-profit organizations, the private sector, and more.

PREPARATION NOTE
Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete a degree. ACT or CPT placement exams are designed to assist in determining which preparatory classes may be appropriate for each student.

PREREQUISITES
It is the student's responsibility to examine each course description for details of prerequisite classes.

CLASS AVAILABILITY
The semester in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

CERTIFICATE OF COMPLETION
GEOGRAPHIC INFORMATION SCIENCE TECHNOLOGY

GENERAL EDUCATION REQUIREMENTS
Because of the nature of geospatial technology such as GIS and remote sensing, it is highly recommended that students take courses beyond MATH 1010: Intermediate Algebra. Recommendations include, but are not limited to:
For students needing a physical science general education requirement, it is highly suggested that they take GEOG 1780: Remote Sensing of Earth.

**Q CREDIT HOURS**

**COMMUNICATION (3 CREDITS)**

See pp 23-27 for options.

**HUMAN RELATIONS (3 CREDITS)**

See pp 23-27 for options.

**MAJOR COURSE REQUIREMENTS (15 CREDIT HOURS)**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 1800 Geospatial Technology</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>GEOG 1820 Applied GIS I</td>
<td>3</td>
<td>F, Sp</td>
<td>GEOG 1800 or Instructor Approval</td>
</tr>
<tr>
<td>GEOG 2100 Maps/Measurem</td>
<td>3</td>
<td>F</td>
<td>Instructor Approval</td>
</tr>
<tr>
<td>GEOG 2900 Independent Projects</td>
<td>3</td>
<td>A</td>
<td>Instructor Approval</td>
</tr>
<tr>
<td>GEOG 2920 Applied GIS II</td>
<td>3</td>
<td>Sp</td>
<td>Instructor Approval</td>
</tr>
</tbody>
</table>

**ELECTIVES (6 CREDITS)**

Students may select up to 6 credit hours of elective credit from their area of study. Below is just a small sample of courses from various programs to help students see the broad applications of geospatial technology in their chosen field of study. Students are not limited to the options provided below.

**ENVT 1010 Race to Save Planet**

**GEOG 1000 Earth's Surf Env**

**COMPUTER SCIENCE EMPHASIS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 1400 Comp Science Fund</td>
<td>3</td>
<td>A</td>
<td>w/CS 1300</td>
</tr>
<tr>
<td>CS 1405 Design and OO Method</td>
<td>1</td>
<td>A</td>
<td>w/CS 1400</td>
</tr>
<tr>
<td>CS 1410 Object Oriented Programing</td>
<td>1</td>
<td>A</td>
<td>CS 1400</td>
</tr>
<tr>
<td>CS 1445 Practical OO Programing</td>
<td>1</td>
<td>A</td>
<td>w/CS 1410</td>
</tr>
<tr>
<td>CS 2420 Algorithms &amp; Data Structures</td>
<td>3</td>
<td>A</td>
<td>CS 1410</td>
</tr>
<tr>
<td>CS 2425 Code Analysis and Tuning</td>
<td>1</td>
<td>A</td>
<td>w/CS 1420</td>
</tr>
<tr>
<td>CS 2520 InterProg in VB</td>
<td>3</td>
<td>Sp</td>
<td>CS 2420</td>
</tr>
<tr>
<td>CS 2540 InterProg in C++</td>
<td>3</td>
<td>F</td>
<td>CS 2420</td>
</tr>
<tr>
<td>CS 2570 Adv Java Prog</td>
<td>3</td>
<td>Sp</td>
<td>CS 2420</td>
</tr>
</tbody>
</table>

**CRIMINAL JUSTICE EMPHASIS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 1340 Criminal Invest</td>
<td>3</td>
<td>A</td>
<td>CJ 1010, ENGL 1010, COMM 1010</td>
</tr>
<tr>
<td>CJ 1310 Intro to Forensic Sci</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>CJ 2440 Organized Crime</td>
<td>3</td>
<td>F</td>
<td>Sp</td>
</tr>
<tr>
<td>CJ 2450 Terrorism</td>
<td>3</td>
<td>F</td>
<td>Sp</td>
</tr>
<tr>
<td>CJ 2470 Intro Criminology</td>
<td>3</td>
<td>F</td>
<td>Sp</td>
</tr>
<tr>
<td>CJ 2490 Drug Trafficking</td>
<td>3</td>
<td>F</td>
<td>Sp</td>
</tr>
<tr>
<td>CJ 2550 Emergency Mgt Principles</td>
<td>3</td>
<td>F</td>
<td>Sp</td>
</tr>
</tbody>
</table>

**ECOLOGY/WILDLIFE EMPHASIS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1030 Intro Plant Biology</td>
<td>4</td>
<td>F</td>
<td>Sp</td>
</tr>
<tr>
<td>BIOL 1050 Intro Animal Biology</td>
<td>4</td>
<td>F</td>
<td>Sp</td>
</tr>
<tr>
<td>BIOL 1070 Intro to Marine Bio</td>
<td>4</td>
<td>F</td>
<td>Sp</td>
</tr>
<tr>
<td>BIOL 1120 Intro Conservation Biol</td>
<td>3</td>
<td>F</td>
<td>Sp</td>
</tr>
<tr>
<td>BIOL 2220 Ecology</td>
<td>4</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>ENVT 1010 Race to Save Planet</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>GEOG 1000 Earth's Surf Env</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

**GEOGRAPHY OR ENVIRONMENTAL GEOLOGY EMPHASIS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVT 1010 Race to Save Planet</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>GEOG 1780 Remote Sensing of Earth</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>GEOG 2200 Urban/Envir Issues</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>GEOG 1000 Earth's Surf Env</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>GEOG 1300 Regional Geog</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>GEOG 1400 Human Geog</td>
<td>3</td>
<td>F</td>
<td>Sp</td>
</tr>
<tr>
<td>GEOG 1700 Natural Disasters</td>
<td>3</td>
<td>A</td>
<td>none</td>
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<tr>
<td>GEO 1060 Envr Geology</td>
<td>3</td>
<td>Sp</td>
<td>w/GEO 1065</td>
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<tr>
<td>GEO 1065 Envr Geol Lab</td>
<td>1</td>
<td>Sp</td>
<td>w/GEO 1060</td>
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<tr>
<td>GEO 1110 Phys Geology</td>
<td>3</td>
<td>F</td>
<td>w/GEO 1115</td>
</tr>
<tr>
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<td>1</td>
<td>F</td>
<td>w/GEO 1110</td>
</tr>
<tr>
<td>SVT 2110 Photogrammetry</td>
<td>3</td>
<td>Sp</td>
<td>SVT1110</td>
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**SURVEYING EMPHASIS**

<table>
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<tr>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>EDDT 1040 Intro to CAD</td>
<td>3</td>
<td>A</td>
<td>none</td>
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<tr>
<td>SVT 1030 Survey Field Tech I</td>
<td>3</td>
<td>Sp</td>
<td>SVT1110 or MATH 1060</td>
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<tr>
<td>SVT 1120 Surveying Math II</td>
<td>4</td>
<td>Sp</td>
<td>SVT1110</td>
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<td>SVT 2030 Survey Field Tech II</td>
<td>3</td>
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<td>SVT 2040 Control Surveys</td>
<td>3</td>
<td>F</td>
<td>SVT120</td>
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<td>SVT 2100 Land Develop</td>
<td>3</td>
<td>F</td>
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<td>SVT 2110 Photogrammetry</td>
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**SOCIAL SCIENCES EMPHASIS**

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<tr>
<td>ANTH 1030 Intro to Archaeology</td>
<td>3</td>
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<tr>
<td>ANTH 1500 Basic Field Techniques</td>
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<td>HIST 1500 World Hist to 1500</td>
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<td>HIST 1510 WorldHistSince1500</td>
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<tr>
<td>HUMA 2990 A Survey of Utah History</td>
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<tr>
<td>HUMA 3200 World Religions</td>
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ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN GEOGRAPHIC INFORMATION SCIENCE TECHNOLOGY
(minimum 65 hours required)

GENERAL EDUCATION REQUIREMENTS (18 CREDIT HOURS)

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<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
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<td>QUANTITATIVE STUDIES</td>
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<tr>
<td>MATH 1030 Quant Reasoning</td>
<td>3</td>
<td>A</td>
<td>MATH 1010</td>
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<td>COMMUNICATION</td>
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<tr>
<td>COMM 1010 Elem Efl Comm</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>OR COMM 1020 Principles of Pub</td>
<td>3</td>
<td>A</td>
<td>none</td>
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<tr>
<td>HUMAN RELATIONS</td>
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<tr>
<td>LE 1220 Human Relations</td>
<td>3</td>
<td>A</td>
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<td>DISTRIBUTION AREAS (6 CREDIT HOURS)</td>
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<td>Choose one course (three credit hours) from two of the following distribution areas.</td>
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<tr>
<td>Biological Science (BS)</td>
<td>3’4</td>
<td>A</td>
<td>RDG 0900 w/C or better</td>
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<td>Fine Arts (FA)</td>
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<td>A</td>
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<td>Humanities (HU)</td>
<td>3</td>
<td>A</td>
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<tr>
<td>Interdisciplinary (ID)</td>
<td>3</td>
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<tr>
<td>Physical Science (PS)</td>
<td>3</td>
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<td>Social Science (SS)</td>
<td>3</td>
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<tr>
<td>CHEM 1010 and/or PHYS 1060 recommended for Physical Science.</td>
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<td>See pp. 23-27 for options in each of these categories.</td>
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<td>GEO 1060 Env Geology</td>
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<td>Sp</td>
<td>w/GEO 1065</td>
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<td>Sp</td>
<td>w/GEO 1060</td>
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<td>GEO 1300 Regional Geog</td>
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<td>F, Sp</td>
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<tr>
<td>GEO 1400 Human Geog</td>
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<td>F, Sp</td>
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<tr>
<td>GEO 1800 Geospatial Technology</td>
<td>3</td>
<td>A</td>
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<td>GEO 1820 Applied GIS (ID)</td>
<td>3</td>
<td>A</td>
<td>GEO 1800 or Instructor Approval</td>
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<tr>
<td>GEO 2000 Maps/Measurere</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
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<td>GEO 2020 Urb/Envr Issues</td>
<td>3</td>
<td>Sp</td>
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<td>GIS 2920 Contemp Studies</td>
<td>3</td>
<td>Sp</td>
<td>GEO 1820 or Instructor Approval</td>
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<tr>
<td>MATH 1040 Intro to Statistics</td>
<td>3</td>
<td>A</td>
<td>MATH 1010 or CPT</td>
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<td>MET 1010 Intro to Meteorol</td>
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<td>ELECTIVES (10 CREDITS)</td>
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<td>SEM</td>
<td>PREREQUISITES</td>
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<tr>
<td>*CHEM 1010 Intro to Chem</td>
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<td>A</td>
<td>none*</td>
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<tr>
<td>ENVT 1050 Intro to Env Tech</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
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<td>ENVT 1060 Waste Treatment</td>
<td>3</td>
<td>Sp</td>
<td>CHEM 1010</td>
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<tr>
<td>*GEO 2350 Fld Studies Geol</td>
<td>3</td>
<td>Su</td>
<td>Instructor Approval</td>
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<tr>
<td>GEO 1220 Historical Geol</td>
<td>3</td>
<td>Sp</td>
<td>w/GEO1225</td>
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<tr>
<td>GEO 1225 Hist Geol Lab</td>
<td>1</td>
<td>Sp</td>
<td>w/GEO1220</td>
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<tr>
<td>GEO 2000 Geography Co-op</td>
<td>2-4</td>
<td>A</td>
<td>Instructor Approval</td>
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<tr>
<td>*GIS 2900 Indep Projects</td>
<td>1-3</td>
<td>A</td>
<td>Instructor Approval</td>
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<tr>
<td>MATH 1050 College Algebra</td>
<td>4</td>
<td>A</td>
<td>MATH 1010 or CPT/ RDG 0990</td>
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<tr>
<td>*MATH 1060 Trigonometry</td>
<td>3</td>
<td>A</td>
<td>MATH 1050/RDG 0990</td>
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<tr>
<td>PHYS 1010 Elem Physics</td>
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<td>F</td>
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<td>SVT 1110 Surveying Math</td>
<td>4</td>
<td>F</td>
<td>MATH 1010 or CPT</td>
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<td>SVT 1030 Surveying</td>
<td>3</td>
<td>Sp</td>
<td>SVT 1110 or</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>MATH 1060</td>
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</tbody>
</table>

*Recommended
**Students who choose to fulfill the PS distribution area with courses other than these should still consider the courses with ** as highly recommended for elective credit.

GEOGRAPHY
SEE GEO SCIENCES.

GEOLOGY
SEE GEO SCIENCES.

GEOSCIENCES
Science and Industry Building, Room 345, (801) 957-4150
General Information (801) 957-4073
Academic Advisor SI 309 (801) 957-4558
www.slcc.edu/geoscience

Associate Professors: Frank Komatar
Instructor: Robert Dastrup

THE PROGRAM
This program provides a broad base of technical skills for information gathering and analysis as well as strong emphasis in physical geography and geology and an understanding of regional and global cultural aspects of the world. It provides a global awareness, creates a background for job opportunities and applications. This program meets the needs of vocationally-oriented students with a two-year degree goal and also provides a solid foundation for a four-year degree program.

PREPARATION NOTE
STUDENTS WHO NEED TO TAKE PREPARATORY CLASSES TO MEET THE REQUIREMENTS OF FIRST SEMESTER COURSES SHOULD PLAN ON EXTRA TIME TO COMPLETE THE FULL PROGRAM.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite courses. Those prerequisites must be satisfied before the designated course may be taken.

CLASS AVAILABILITY
The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.
COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE​

ENVIRONMENTAL GEOLOGY

(minimum 30 hours required)

Requirements at four-year institutions are subject to change; on-going planning is essential.

Completing the following requirements prepares students to apply for transfer to a majors program in Geology or Environmental Earth Science at a four-year institution.

Option I is designed for students transferring to the University of Utah (Geology or Environmental Earth Science); Utah State University (Geology); or Southern Utah University (Geology).

Option II is designed for students transferring to Weber State University.

ELECTIVES

The program provides students with elective options so that they may take courses that apply to major requirements at the four-year institutions to which they intend to transfer. In selecting applicable electives, students should see the transfer recommendations as well as consult an SLCC academic advisor and the department at the four-year institution to which they intend to transfer. Acceptance into the major program is determined by the receiving institution.

GENERAL EDUCATION REQUIREMENTS

(MINIMUM 30 CREDITS REQUIRED)

<table>
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<th>COURSE</th>
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<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
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<td>ENGL 2010 Interim Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
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<tr>
<td>OR ENGL 2100 Tech Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
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<tr>
<td>MATH 1060 Trigonometry</td>
<td>3</td>
<td>A</td>
<td>MATH 1050 (Opt I)</td>
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<tr>
<td>OR MATH 1210 Calculus I</td>
<td>4</td>
<td>A</td>
<td>MATH 1060 (Opt I)</td>
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<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or placement score</td>
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<tr>
<td>OR HIST 1700 Amer Civilization</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or placement score</td>
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<tr>
<td>OR POLS 1100 US Gov &amp; Politics</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or placement score</td>
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<tr>
<td>HLAC</td>
<td>3</td>
<td>A</td>
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STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS) 3-4 A RDG 0990 w/C or better (Biol 1610 required, Opt I)

Fine Arts (FA) 3 A none

Humanities (HU) 3 A none

Interdisciplinary (ID) 3 A none

Physical Science (PS) 3 A none

Social Science (SS) 3 A none

Physical Science is exempt; CHEM 1210 is required for the program. See pp. 33-37 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

OPTION I (18 CREDITS)

For students intending to transfer to the University of Utah, Utah State University or Southern Utah University.

<table>
<thead>
<tr>
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<th>PREREQUISITES</th>
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<tr>
<td>CHEM 1210 General Chem I</td>
<td>4</td>
<td>A</td>
<td>MATH 1050, w/CHEM 1215</td>
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<tr>
<td>CHEM 1215 Gen Chem Lab I</td>
<td>3</td>
<td>A</td>
<td>MATH 1050, w/CHEM 1215</td>
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<td>GEO 1100 Phys Geology</td>
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<td>A</td>
<td>MATH 1050, w/CHEM 1215</td>
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<td>GEO 1115 Phys Geol Lab</td>
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<td>F</td>
<td>MATH 1050, w/CHEM 1215</td>
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<tr>
<td>GEO 1220 Historical Geol</td>
<td>3</td>
<td>Sp</td>
<td>MATH 1050, w/CHEM 1215</td>
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<tr>
<td>GEO 1225 Hist Geol Lab</td>
<td>1</td>
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<td>MATH 1050, w/CHEM 1215</td>
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<tr>
<td>PHYS 2210 Physics f/Sci &amp; Eng I</td>
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<td>A</td>
<td>MATH 1220, w/CHEM 1220</td>
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<tr>
<td>PHYS 2215 Physics f/Sci&amp;Eng Lab</td>
<td>4</td>
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OPTION II (22 CREDITS)

For students intending to transfer to Weber State University.

<table>
<thead>
<tr>
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<tr>
<td>CHEM 1210 General Chem I</td>
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<tr>
<td>CHEM 1215 Gen Chem Lab I</td>
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<td>MATH 1050, w/CHEM 1215</td>
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<tr>
<td>GEO 1100 Phys Geology</td>
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<td>A</td>
<td>MATH 1050, w/CHEM 1215</td>
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<td>GEO 1115 Phys Geol Lab</td>
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<td>MATH 1050, w/CHEM 1215</td>
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<td>GEO 1220 Historical Geol</td>
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<td>Sp</td>
<td>MATH 1050, w/CHEM 1215</td>
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<tr>
<td>GEO 1225 Hist Geol Lab</td>
<td>1</td>
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<td>MATH 1050, w/CHEM 1215</td>
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<tr>
<td>PHYS 2210 Physics f/Sci &amp; Eng I</td>
<td>4</td>
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<td>PHYS 2215 Physics f/Sci&amp;Eng Lab</td>
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OPTION II ELECTIVES (11 CREDITS)

SEE LIST BELOW

ELECTIVES - OPTIONS I AND II

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<td>4</td>
<td>F</td>
<td>BIOL 1610 w/C or better, w/Biol 2035 (lab)</td>
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<tr>
<td>BIOL 2030 Genetics</td>
<td>4</td>
<td>F</td>
<td>BIOL 1610 w/C or better, w/Biol 2035 (lab)</td>
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<tr>
<td>BIOL 2070 Plant Biology</td>
<td>4</td>
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<td>BIOL 1610 w/C or better, w/Biol 2075 (lab)</td>
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<tr>
<td>BIOL 2080 Animal Biology</td>
<td>4</td>
<td>F</td>
<td>BIOL 1610 w/C or better, w/Biol 2085 (lab)</td>
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<td>CHEM 1220 General Chem II</td>
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<td>CHEM 1210, CHEM 1225</td>
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<td>CHEM 1225 Gen Chem II Lab</td>
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<td>CHEM 1210, CHEM 1225</td>
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<tr>
<td>ENGR 1040 Eng Computing</td>
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<td>MATH 1050, w/MATH 1060</td>
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<td>CS 1410 Obj. Ort. Prog.</td>
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<td>CS 1410 with CS 1412</td>
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<td>CS 1415 Practical Obj. Ort. Prog.</td>
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<td>GEO 2350 Field Studies</td>
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<td>MATH 2210 Multivar Calcu</td>
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<td>MATH 1220</td>
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<td>MATH 2210</td>
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</table>

*NOTE: Admission into a major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major
programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hi002a.html.

TRANSFER RECOMMENDATIONS FOR SELECTING ELECTIVES:
Transfer requirements are subject to change; additional transfer information is available in the Transfer Center files, Taylorsville Redwood Campus, Student Center, room 240. Students are advised to contact the program advisor at SLCC and the school they will be transferring to.

UNIVERSITY OF UTAH
For University of Utah Geology, the following courses may be taken at SLCC:
CHEM 1220/1225, MATH 1220, PHYS 2220/2225.
For University of Utah Environmental Earth Science, the following courses may be taken at SLCC: BIOL 1620/1625, BIOL 2020/2025 OR BIOL 2030/2035, CHEM 1220/1225, ENGR 1040, MATH 1220, MATH 2210, MATH 2250, PHYS 2220/2225.

UTAH STATE UNIVERSITY
For Utah State University General Geology, the following courses may be taken at SLCC: CHEM 1220/1225, MATH 1220, PHYS 2220/2225, and CS 1400/1405.
For Utah State University Watershed and Earth Systems, the following courses may be taken at SLCC: CHEM 1220/1225, MATH 1220, PHYS 2220/2225.

WEBER STATE UNIVERSITY
For Weber State University Geology, the following courses may be taken at SLCC: CHEM 1220/1225, PHYS 1010/1015 or PHYS 2210/2215 and PHYS 2020/2025 or PHYS 2220/2225.
For Weber State University Applied Environmental Geoscience, the following courses may be taken at SLCC: BIOL 2070/2075, CHEM 1220/1225, ENGL 2100 (EN), MATH 1040, PHYS 2210/2215.

SOUTHERN UTAH UNIVERSITY
For Southern Utah University Natural Resources & Environmental Studies, the following courses may be taken at SLCC: BIOL 2220/2225, POLS 1100 (AD), MATH 1040.

For Southern Utah University Geology - Earth Science, the following courses may be taken at SLCC: CHEM 1220/1225, PHYS 1040 (PS), BIOL 1620/1625 (BS), GEOG 1000 (PS).

For Southern Utah University Geology - Professional, the following courses may be taken at SLCC: CHEM 1220/1225, MATH 1220, PHYS 2220/2225.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

**GEOGRAPHY**
(minimum 63 hours required)

GENERAL EDUCATION REQUIREMENTS (minimum 30 credits required)

<table>
<thead>
<tr>
<th>CORE SKILLS</th>
<th>COMPOSITION (6 CREDITS)</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ENGL 1010</td>
<td>Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 2010</td>
<td>Intern Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 2100</td>
<td>Tech Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>QUANTITATIVE LITERACY (4-6 CREDITS)</td>
<td>*MATH 1030 Quant Reasoning</td>
<td>3</td>
<td>A</td>
<td>MATH 1010 and RDG 0990 w/C or better or appropriate placement score</td>
</tr>
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</table>

AMERICAN INSTITUTIONS (3 CREDITS)

| ECON 1240  | Econ Hist of US         | 3  | A   | RDG 0990 w/C or better or appropriate placement score |
| OR         |                         |    |     |               |
| HIST 1700  | Amer Civilization       | 3  | A   | RDG 0990 w/C or better or appropriate placement score |

**OR**

| POLS 1100  | US Gov & Politics       | 3  | A   | RDG 0990 w/C or better or appropriate placement score |

INSTITUTIONAL REQUIREMENTS

LIFEWELLNESS (1 CREDIT)

| HLAC       |                        | 1  | A   | none       |

STUDENT CHOICE (3 CREDITS)

| BIO         |                        |    |     |            |

COMPUTER LITERACY

DISTRIBUTION AREAS (18 CREDITS)

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

| Biological Science (BS) | 3  | A   | RDG 0990 w/C or better |
| Fine Arts (FA)         | 3  | A   | none                |
| Humanities (HU)        | 3  | A   | none                |
| Interdisciplinary (ID) | 3  | A   | none                |
| Physical Science (PS)  | 3  | A   | none                |
| Social Science (SS)    | 3  | A   | none                |

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

(MINIMUM 31 CREDITS)

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<th>GEOSCIENCES</th>
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<td>GEOG 1400</td>
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<td>3</td>
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<td>GEOG 1900</td>
<td></td>
<td>3</td>
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<td>GEOG 1800</td>
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<td>3</td>
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<td>GEOG 1820</td>
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<tr>
<td>GEOG 2200</td>
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<td>3</td>
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</tr>
<tr>
<td>GEOG 1100</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>GEOG 1115</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 1010</td>
<td></td>
<td>3</td>
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</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

2ND FALL SEMESTER 2ND SPRING SEMESTER

| ENGL 1010   | 3  | ENGL 2010   | 3  |
| GEOG 1000   | 3  | GEOG 1400   | 3  |
| GEOG 1300   | 3  | GEOG 2100   | 3  |
| GEOG 1800   | 3  | MATH 1010   | 3  |
| DISTRIBUTION| 3  | DISTRIBUTION| 3  |
| TOTAL       | 15 | TOTAL       | 15 |

DEPARTMENTAL OFFERINGS

| GEOG 1000   |    | 3   |               |
| GEOG 1400   |    | 3   |               |
| GEOG 1900   |    | 3   |               |
| GEOG 1800   |    | 3   |               |
| GEOG 1820   |    | 3   |               |
| GEOG 1900   |    | 3   |               |
| GEOG 2000   |    | 3   |               |
| GEOG 2200   |    | 3   |               |
| GEOG 2900   |    | 3   |               |
| GEOG 2920   |    | 3   |               |

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
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<td>ENGL 1010</td>
<td>ENGL 2010</td>
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<tr>
<td>GEOG 1000</td>
<td>GEOG 1400</td>
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<tr>
<td>GEOG 1300</td>
<td>GEOG 2100</td>
</tr>
<tr>
<td>GEOG 1800</td>
<td>MATH 1010</td>
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<tr>
<td>TOTAL</td>
<td>TOTAL</td>
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</tbody>
</table>

NOTE: Admission into a major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hi002a.html.
### DEPARTMENTAL OFFERINGS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLTH 1020</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1050 Life, Soc Drugs (ID)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1105 Bdy &amp; Wght Mgt</td>
<td>2</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1110 Social Hlth Div (ID, DV)</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1110 Know Greater Heroes I</td>
<td>3</td>
<td>F, Sp</td>
<td>Instructor approval</td>
</tr>
<tr>
<td>HLTH 1200 First Aid &amp; Safety</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1240 Thry/Prac of Mediterr(LW)</td>
<td>2</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1242 Laughter Yoga (LW)</td>
<td>2</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1245 Environmental Yoga (LW)</td>
<td>2</td>
<td>F</td>
<td>none</td>
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<tr>
<td>HLTH 1250 Stress Mgt</td>
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<td>none</td>
</tr>
<tr>
<td>HLTH 1225 Mind/Body Con</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1300 Doulas &amp; Childbirth Prep</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>HLTH 1350 Intro Yoga Teacher Training</td>
<td>3</td>
<td>A</td>
<td>none</td>
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<tr>
<td>HLTH 1400 IntroPersTrng/GpEx</td>
<td>2</td>
<td>F, Sp</td>
<td>none</td>
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<tr>
<td>HLTH 1405 Eval&amp;Assesmnts/Ftnss</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
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<tr>
<td>HLTH 1410 Arbc Instr Trn I</td>
<td>3</td>
<td>F, Sp</td>
<td>HLTH 1400 or instructor's approval</td>
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<td>HLTH 1500 Lifem Well &amp; Ft (ID)</td>
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<td>none</td>
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<td>HLTH 2020 Nutrition / L/Cycle</td>
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<td>F, Sp</td>
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<td>HLTH 2200 Oral Health</td>
<td>3</td>
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<tr>
<td>HLTH 2200 Fitness Teacher Practicum</td>
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<td>HLTH 2020 recommended</td>
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<td>HLTH 2450 PersnTrn/Indstry</td>
<td>3</td>
<td>F</td>
<td>Sp</td>
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<tr>
<td>HLTH 2500 PersnTrn/Indstry</td>
<td>3</td>
<td>Sp</td>
<td>instructor's approval</td>
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<tr>
<td>HLAC 1000 Cardio Fitness (LW)</td>
<td>1</td>
<td>A</td>
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<tr>
<td>HLAC 1013 Body Strtg &amp; Tone(LW)</td>
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<td>none</td>
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<tr>
<td>HLAC 1015 Arbcs II/Spinning (LW)</td>
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<td>HLAC 1020 Aerobics I Step (LW)</td>
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<tr>
<td>HLAC 1035 Arbcs IV Interval (LW)</td>
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<td>HLAC 1030 Arbcs II/Rck Bng (LW)</td>
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<td>HLAC 1035 Zumba (LW)</td>
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<tr>
<td>HLAC 1040 Belt Dancing (LW)</td>
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<td>none</td>
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<tr>
<td>HLAC 1046 Jog/Walk (LW)</td>
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<td>A</td>
<td>none</td>
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<tr>
<td>HLAC 1055 Pilates I (LW)</td>
<td>1</td>
<td>A</td>
<td>none</td>
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<tr>
<td>HLAC 1066 Pilates II (LW)</td>
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<tr>
<td>HLAC 1077 Yoga I (LW)</td>
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<tr>
<td>HLAC 1079 Yoga II (LW)</td>
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<td>Sp</td>
<td>none</td>
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<tr>
<td>HLAC 1082 Flexibility/Fitness (LW)</td>
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<tr>
<td>HLAC 1083 Aerobic Circuit (LW)</td>
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<tr>
<td>HLAC 1100 Strength Train I (LW)</td>
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<tr>
<td>HLAC 1101 Strength Train II (LW)</td>
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<tr>
<td>HLAC 1109 Fitness for Life (LW)</td>
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<tr>
<td>HLAC 1170 Tennis I (LW)</td>
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<tr>
<td>HLAC 1171 Tennis II (LW)</td>
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<tr>
<td>HLAC 1220 Badminton</td>
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<td>HLAC 1180 Racquetball I (LW)</td>
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<tr>
<td>HLAC 1181 Racquetball II (LW)</td>
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<td>F, Sp</td>
<td>HLAC 1180</td>
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<tr>
<td>HLAC 1183 Golf I (LW)</td>
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<tr>
<td>HLAC 1185 Golf II (LW)</td>
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<tr>
<td>HLAC 1187 Bowling I (LW)</td>
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<td>HLAC 1189 Bowling II (LW)</td>
<td>1</td>
<td>A</td>
<td>HLAC 1145</td>
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<tr>
<td>HLAC 1220 Basketball I (LW)</td>
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<td>HLAC 1221 Basketball II (LW)</td>
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<td>HLAC 1220</td>
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<td>HLAC 1222 Volleyball I (LW)</td>
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<td>HLAC 1227 Competitive Soccer (LW)</td>
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<td>HLAC 1300 Scuba I (LW)</td>
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<td>HLAC 1301 Scuba II (LW)</td>
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<td>HLAC 1410 Tai Chi (LW)</td>
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<td>HLAC 1413 Qi Gong (LW)</td>
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<tr>
<td>HLAC 1440 Aikido I (LW)</td>
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<tr>
<td>HLAC 1442 Brazilian Capoeira (LW)</td>
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<tr>
<td>HLAC 1445 Taekwon-Do (LW)</td>
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</tbody>
</table>
HEALTH SCIENCE

NOTE: This degree is designed for students already accepted into other Health Sciences programs. It allows for courses already required to achieve a specific Associate of Applied Science degree to be combined with additional courses to earn an Associate of Science degree.

Lifetime Activities Center 324 (801) 957-4517
General Information (801) 957-4073
Academic Advisor SC240 (801) 957-4407

This degree is recommended for students who plan to transfer to four-year colleges. Completion of the associate of science degree with health science emphasis does not affect the professional status, certification or licensure of graduates of associate of applied science degree programs in the health science division.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
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<tr>
<td>ENGL 1010 Intro to Writing</td>
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<td>A</td>
<td>pre-test</td>
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<tr>
<td>ENGL 2010 Intern Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
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<td>MATH 1090 Quant Reas</td>
<td>3</td>
<td>A</td>
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<tr>
<td>MATH 1050 Coll Algebra</td>
<td>4</td>
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<tr>
<td>MATH 1040 Intro Statistics (U of U Nursing requires)</td>
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<td>ECON 1740 Econ Hist of US</td>
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<td>RDG 0990 w/C or better or appropriate placement</td>
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<tr>
<td>HIST 1700 Amer Civilization</td>
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<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
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INSTITUTIONAL REQUIREMENTS
LIFELONG WELLNESS

STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS) 1-4 A

NOTE: This option does not make the Biotechnology AAS degree transferable to the Biology baccalaureate degree.

DENTAL HYGIENE OPTION

NOTE: This option does not make the DH degree transferable to a DH baccalaureate degree.

OCCUPATIONAL THERAPY ASSISTANT OPTION

NOTE: This option does not make the PTA AAS degree transferable to an entry-level baccalaureate PT degree or an entry-level master’s PT degree.

PHYSICAL THERAPY ASSISTANT OPTION

NOTE: This option does not make the PTA AAS degree transferable to an entry-level baccalaureate degree or a PT master’s degree.

REGISTERED NURSING OPTION

This option is required for the AAS nursing degree to transfer to a nursing baccalaureate completion program. Call the academic advisor at (801) 957-2680 or (801) 957-6215 for additional information related to the BS completion at the University of Utah. The BSN at the University of Utah requires MATH 1040, Statistics.

*NOTE: Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See the Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hel02a.html.

HEALTH UNIT CLERK/COORDINATOR

SEE SCHOOL OF APPLIED TECHNOLOGY.

HEATING, COOLING, AND REFRIGERATION TECHNOLOGY

SEE APPRENTICESHIPS SECTION, SCHOOL OF APPLIED TECHNOLOGY, AND AIR CONDITIONING/HEATING/REFRIGERATION.
HISTORY AND ANTHROPOLOGY

Department Chair: John N. Fritz (801) 957-4916
General Information (801) 957-4307
Academic Advisor SC 240 (801) 957-6066
South City Campus N115A (801) 957-4130
www.slcc.edu/history

Professors: John N. Fritz, Gary Topping, Ernest Randa
Associate Professor: Marianne McKnight
Assistant Professors: Cyriaque Beurtheret, Chris Case, Jim Dykman,
Aarti Nakra
Instructor: Jude Higgins

THE PROGRAM

The history program is designed to expose students to a variety of history fields and to the methods used by historians. Students who complete the program will be well prepared to undertake upper division history courses or complete a four-year degree.

Students should check with the department to determine which courses are transferable to other colleges within the Utah System of Higher Education.

PREREQUISITES

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

To register for HIST 1700 you must take and pass RDG 0990 with a C or better or have appropriate Accuplacer, ACT or SAT reading score. Additionally, the RDG 0990 requirement may be waived for those with a C or better average as indicated by a current transcript.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF ARTS TRANSFER DEGREE*

(801) 957-4916

GENERAL EDUCATION REQUIREMENTS

CR SEM PREREQUISITES

CORE SKILLS

COMPOSITION

ENGL 1010 Intro to Writing 3 A pre-test
ENGL 2010 Interim Writing 3 A ENGL 1010 w/C or better

QUANTITATIVE LITERACY

MATH 1030 Quant Reas 3 A MATH 1010 w/C or better

 OR

MATH 1040 Statistics 3 A MATH 1010
MATH 1050 College Algebra 4 A MATH 1010

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740 Econ Hist of US 3 A RDG 0990 w/C or better or appropriate test score

 OR

HIST 1700 Amer Civilization 3 A RDG 0990 w/C or better or appropriate test score

 OR

POL 1100 US Gov & Politics 3 A RDG 0990 w/C or better or appropriate test score

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC ___ 1 A none

STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS) 3-4 A RDG 0990 w/C or better
Fine Arts (FA) 3 A none
Humanities (HU) 3 A none
Interdisciplinary (ID) 3 A none
Physical Science (PS) 3 A none
Social Science (SS) 3 A none

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

CR SEM PREREQUISITES

HIST 1100 West Civilization 3 A none
HIST 1110 West Civ Since 1300 3 A none
HIST 2700 US Hist to 1877 3 A none
HIST 2710 US Hist Since 1877 3 A none

SELECT ONE OF THE FOLLOWING COURSES:

HIST 1500 World Hist to 1500 3 A none
HIST 1510 World History Since 1500 3 A none
HIST 1300 Col Latin Amer 3 F, Sp none
HIST 1310 Mod Latin Amer 3 F none
HIST 1450 Middle Eastern Civ 3 F, Sp none
HIST 1460 Modern Middle Eastern Civ 3 F, Sp none

COMPLETE TWO SEMESTERS OF A FOREIGN LANGUAGE:

Any Language 1010 3 A none
Any Language 1020 3 A Language 1010 or instructor’s approval

ELECTIVES (3 CREDITS)

Take 3 credits from any college level course numbered 1000 or above.

SAMPLE SCHEDULE

FALL SEMESTER

CR SEM PREREQUISITES

ENGL 1010 3 1 ENGL 1010
MATH 1030 3 1 MATH 1010
MATH 1040 3 1 MATH 1010
MATH 1050 4 1 MATH 1010
AMERICAN INST 3 1 MATH 1010
LANGUAGE 1010 5 1 MATH 1010
TOTAL 15-16

SPRING SEMESTER

ENGL 2010 3 1 ENGL 2010
MATH 1010 3 1 MATH 1010
MATH 1010 3 1 MATH 1010
HIST 1310 3 1 HIST 1310
HIST 1300 3 1 HIST 1300
HIST 1450 3 1 HIST 1450
TOTAL 17

2ND FALL SEMESTER

CR SEM PREREQUISITES

HIST 1100 3 1 HIST 1100
HIST 2700 3 1 HIST 2700
DISTRIBUTION 6 1 DISTRIBUTION
ELECTIVE 3 1 STUDENT CHOICE
TOTAL 15

2ND SPRING SEMESTER

DEPARTMENTAL OFFERINGS

CR SEM PREREQUISITES

HIST 1100 3 1 HIST 1100
HIST 1110 3 1 HIST 1110

SLCC 2010-2011 GENERAL COLLEGE CATALOG 193
HIST 1300 Colonial Latin Am 3 F, Sp none
HIST 1310 Mod Latin America 3 F, Sp none
HIST 1450 Middle Eastern Civ (SS) 3 F, Sp none
HIST 1460 Modern Middle Eastern Civ (SS) 3 F, Sp none
HIST 1500 World Hist to 1500 (SS) 3 A none
HIST 1710 World Hist Since 1500 (SS) 3 F, Sp A none
HIST 1700 American Civilization (AI) 3 A RDG 0990 w/C or better or appropriate test score
HIST 1900 Special Studies 1-2 F, Sp, A Instructor approval
HIST 2200 Americanization (SS, DV) 3 F, Sp, A none
HIST 2700 US Hist to 1877 (SS) 3 F, Sp, A none
HIST 2710 US Hist Since 1877 (SS) 3 F, Sp, A none
HIST 2800 Utah's Diverse Heritage (SS, DV) 3 F, Sp none
HIST 2900 Spec Topics in Amer Hist 3 F, Sp none
ANTH 1010 Culture & Human Exp (ID) 3 A none
ANTH 1030 Intro to Archaeology (ID) 3 A none
ANTH 1500 Basic Field Techniques 3 Su none
ANTH 1900 Special Studies-Anthro 1-3 A none
ANTH 2102 Natives of G Basin, (ID, DV) 3 FSp none
ANTH 2110 Sacred Traditions (IH) 3 F, Sp none
ANTH 2500 Special Studies in Anthro 1-3 A none
ANTH 2900 Intermed Field Techniques 3 Su none

HUMANITIES

Estimated cost of books and supplies per semester $100 to $150

General Information (801) 957-4338
Construction Trades Building 286
Academic Advisor SC 240 (801) 957-6066
www.slcc.edu/humanities

Department Chair: Paul Allen
Professor: Richard Jensen
Associate Professors: Paul Allen, Alexander Izrailovsky
Assistant Professors: David Carney, Jane Drexlër, Suzanne Jacobs

THE PROGRAM

The Humanities Program provides students a broad variety of courses in Humanities, Anthropology, Philosophy and Cultural Studies including Art History, Religious Studies and Interdisciplinary Studies. These courses range from general surveys to specialized topics. The essentially interdisciplinary character of the Program combined with the diversity of the methodological approaches and pedagogical devices used by the faculty create an effective educational model to introduce students to both the classical foundations of world cultures and to the recent developments arising out of them. The program goes far beyond an emphasis on coverage and content; each course cultivates an attention to written words and auditory and visual images, critical thinking, and interdisciplinary understanding. Additionally, all regular offerings carry General Education designations.

As structured, the program is designed to provide students with a vehicle to broaden their perspectives and deepen their understandings of the world around them as well as provide a variety of avenues to further education. In addition to a core class and a 2000-level language, students in the program are required to choose from among five emphasis tracks depending on their areas of interest or desire for more specialization. These are: General Humanities, Philosophy, Religious Studies, Art History, and Culture. Students will take a minimum of 3 courses in a track.

PREREQUISITES

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

Note: Students must receive a minimum of C in all classes counted toward the degree.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF ARTS TRANSFER DEGREE*

(minimum 61 hours required)

GENERAL EDUCATION REQUIREMENTS

CORE SKILLS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 2010</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2100</td>
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<td>ENGL 1010</td>
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<tr>
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<td>MATH 1050</td>
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<tr>
<td>HIST 1700</td>
<td>3</td>
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<tr>
<td>POLS 1100</td>
<td>3</td>
<td>A</td>
<td>RDG 0990</td>
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<tr>
<td>ECON 1740</td>
<td>3</td>
<td>A</td>
<td>RDG 0990</td>
</tr>
<tr>
<td>any course</td>
<td>1</td>
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</table>

STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science 3-4 A none
Fine Arts 3 A none
Humanities 3 A none
Physical Science 3 A none
Social Science 3 A none
Interdisciplinary 3 A none

*Transfer Note: the department recommends but does not require that students take one of the following for their ID course:

ANTH 1010 Culture & Human Experience 3 A none
GEOG 1300 Regional Geography 3 A none
SOC 1020 Social Problems 3 A none
HUMA 2130 Philosophy Liter 3 FSp none
MAJOR COURSE REQUIREMENTS (22 CREDITS)

CORE COURSES (3 CREDITS)

- HUMA 1100 Intro to Humanities 3 A
- HUMA 1300 Western Civ Anc 3 F
- HUMA 1310 Western Civ Mod 3 S

LANGUAGES (4 CREDITS)

- LANG 2010
- LANG 2020

ADDITIONAL DIVERSITY ELECTIVE (3 CREDITS)

Choose one additional course from the following:

- ART 1375 Photographing Diversity 3 A
- ENGL 1050 Relg Contemp Culture 3 A
- ENGL 1100 Diversity/Pop Us Lit 3 A
- ENGL 2760 Gender & Cultural Studies 3 F/Sp
- ENGL 2810 Native Am Lit & Exp 3 Sp
- ENGL 2830 Diverse Women Writers 3 A
- ENGL 2850 GLBT Studies 3 A
- ETHS 2410 African Amer 3 Sp
- ETHS 2420 Asian American 3 F
- ETHS 2430 Mexican American 3 F
- ETHS 2440 Native American 3 F
- FLMT 1070 Film and Culture 3 A
- HIST 2200 Americanization 3 A
- PSY 2370 Gender in America 3 A
- SOC 2370 Gender in America 3 A
- SOC 2630 Race and Ethnicity 3 A

EMPHASIS TRACKS (9 CREDITS)

Choose 9 credits from any one of the elective tracks below. See the department chair or an advisor for options.

GENERAL HUMANITIES TRACK (9 CREDITS)

Pick any three courses from all the courses listed under the Philosophy, Religious Studies, Art History, or Cultural Studies tracks below.

PHILOSOPHY TRACK (9 CREDITS)

Three of the following:
- PHIL 1000 Intro Philosophy 3 A
- PHIL 1130 Personal Ethics 3 A
- PHIL 1200 Div & Phil/Work 3 F/Sp
- PHIL 1250 Reason/Rational Decision 3 F/Sp
- HUMA 2130 Philosophy Litert 3 F/Sp

RELIGIOUS STUDIES TRACK (9 CREDITS)

Three of the following:
- HUMA 2120 Sacred Tex/Myth 3 F/Sp
- HUMA 2300 World Religions 3 A
- HUMA 2400 Religious Diversity 3 F/Sp
- HUMA 2310 Great Books I 3 F
- PHIL 2350 Prin & Phil of Relig 3 F/Sp

ART HISTORY TRACK (9 CREDITS)

Three of the following:
- ARTH 2520 Lat Amer Art to 1750 3 Sp
- ARTH 2640 Buddhist Art 3 F/Sp
- ARTH 2700 Asian Art: Japan 3 Sp
- ARTH 2710 Art History:Prehis/Ren 3 F/Sp
- ARTH 2720 Art History:Ren/Cont 3 F/Sp

CULTURAL STUDIES TRACK (9 CREDITS)

Three of the following:
- HUMA 2220 Pacific Am Studies 3 F/Sp
- HUMA 2210 Russian Studies 3 F
- HUMA 2320 Great Books II 3 Sp
- HUMA 2350 Future Studies 3 F
- HUMA 2600 Decade '60s 3 F/Sp

ADDITIONAL ELECTIVE (3 CREDITS)

Take 3 credits from any college level course numbered 1000 or above.

DEPARTMENT OFFERINGS

ART HISTORY
- ARTH 2520 Lat Amer Art to 1750 3 Sp
- ARTH 2640 Buddhist Art 3 F/Sp
- ARTH 2700 Asian Art: Japan 3 Sp
- ARTH 2710 Art History:Prehis/Ren 3 F/Sp
- ARTH 2720 Art History:Ren/Cont 3 F/Sp

PHILOSOPHY
- PHIL 1000 Intro Philosophy 3 F/Sp
- PHIL 1130 Personal Ethics 3 F/Sp
- PHIL 1200 Div & Phil/Work 3 F/Sp
- PHIL 1250 Reason & Rational Decision 3 F/Sp
- PHIL 2350 Prin & Phil of Relig 3 F/Sp

SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>ENGL 2010</td>
</tr>
<tr>
<td>HUMA 2310</td>
<td>MATH 1030</td>
</tr>
<tr>
<td>LANG 1050</td>
<td>HUM ELECT</td>
</tr>
<tr>
<td>CHOICE</td>
<td>DIST</td>
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<td>TOTAL</td>
<td>TOTAL</td>
</tr>
<tr>
<td>15</td>
<td>16</td>
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</tbody>
</table>

TRANSFER / ARTICULATION INFORMATION:

Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/html/student_info.html
HVAC
SEE HEATING, COOLING AND REFRIGERATION, AND SCHOOL OF APPLIED TECHNOLOGY.

ELECTRICAL INDEPENDENT TECHNOLOGY APPRENTICESHIP
SEE APPRENTICESHIPS SECTION.

INFORMATION TECHNOLOGY, BS
SEE UNIVERSITY CENTER.

INSTITUTE OF PUBLIC SAFETY
SEE SCHOOL OF PROFESSIONAL AND CONTINUING EDUCATION.

INSTRUMENTATION ENGINEERING TECHNOLOGY

NOTE: Due to state budget cuts, SLCC has discontinued this program. No new students will be admitted to this program. Existing declared major students will be provided options to complete this program via appropriate adjustments within a specified timeframe to minimize negative consequences to students. Consultation with an academic advisor is strongly encouraged.

Construction Trades Building, room 222 (801) 957-4066
General Information (801) 957-4074
Academic Advisor CT 218 (801) 957-4550
www.slcc.edu/instrumentation

Professor: Yuri Starik
Associate Professor: Ross McNamara

ASSOCIATE OF APPLIED SCIENCE CTE IN INSTRUMENTATION ENGINEERING TECHNOLOGY
(minimum 72 hours required)

PROGRAM
The Associate of Applied Science degree prepares students for employment in installing, maintaining, repairing, calibrating and trouble shooting instrumentation and control systems in such industries as petroleum refining, food processing, chemical manufacturing, power generation and many others.

A combination of theory and hands-on training offers a variety of state-of-the-art process measurement and control instrumentation with actual working processes and computer simulations. The program uses the application of mathematics, physics and industry standards that technicians experience. The laboratory training develops knowledge and skills with electronic circuits, test equipment, instruments, control systems and practical computer applications. This helps the graduates meet the challenge of traditional measurement and control systems and adapt to newly emerging techniques.

Students receive training to take the certification test of the ISA Certified Control System Technician (CCST). The CCST program promotes three levels (I, II and III) of the professional development of the control systems technician, providing recognition and documentation of the technician’s knowledge, experience and education in measurement and control.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
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<tr>
<td>ENGL 2100 Technical Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
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</table>

QUANTITATIVE STUDIES

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>EIT 1110 Appl Math I Elect/Instr</td>
<td>4</td>
<td>F, Sp</td>
<td>MATH 1010, EIT 1110</td>
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</table>

COMMUNICATION

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>CTEL 1020 Career Speech Skills or COMM 1020 Principals of Pub Spk</td>
<td>3</td>
<td>A</td>
<td>none</td>
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</table>

HUMAN RELATIONS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTEL 1010 Leadership/Teambuild or LE 1220 Human Relation</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

DISTRIBUTION AREAS

Complete the following distribution (PD) course:
CHEM 1010 Intro to Chem 3 A none

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>EIT 1210 DC Electrical Fundament</td>
<td>3</td>
<td>F, Sp</td>
<td>w/EIT 1110, MATH 1050 for AS</td>
</tr>
<tr>
<td>EIT 1220 AC Electrical Fundament</td>
<td>3</td>
<td>F, Sp</td>
<td>w/EIT 1120, MATH 1060 For AS</td>
</tr>
<tr>
<td>EIT 1140 Appl Physics Elect/Instr</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>EIT 1120 Appl Math II Elect/Instr</td>
<td>4</td>
<td>F, Sp</td>
<td>EIT 1120</td>
</tr>
<tr>
<td>EIT 1130 Appl Math III Elect/Instr</td>
<td>2</td>
<td>F</td>
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<tr>
<td>INST 2120 Intro to Instrum</td>
<td>1</td>
<td>F, Su</td>
<td>EIT 1130, EIT 1140, EIT 1120</td>
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<tr>
<td>EIT 1230 Analog Devices/Circuits</td>
<td>3</td>
<td>Sp, Su</td>
<td>EIT 1220 w/C or better</td>
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<tr>
<td>EIT 1240 Digital Circuits</td>
<td>3</td>
<td>Sp, Su</td>
<td>EIT 1220 w/C or better</td>
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<tr>
<td>INST 2160 Catdl Sys Document</td>
<td>1</td>
<td>F</td>
<td>INST 2120</td>
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<tr>
<td>INST 2200 Analytical Instr/Safety</td>
<td>2</td>
<td>Sp</td>
<td>INST 2120</td>
</tr>
<tr>
<td>INST 2210 Pres/Level Measur</td>
<td>4</td>
<td>F, Sp</td>
<td>INST 2120</td>
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<tr>
<td>INST 2230 Trans/Autom Catrl</td>
<td>4</td>
<td>F, Sp</td>
<td>INST 2120, INST 2240</td>
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<tr>
<td>INST 2240 Final Contr Elements</td>
<td>2</td>
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<td>INST 2120</td>
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<td>INST 2280 Temp/Flow Measur</td>
<td>4</td>
<td>F, Sp</td>
<td>INST 2120</td>
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<tr>
<td>INST 2290 Instr Applications</td>
<td>1</td>
<td>Su</td>
<td>INST 2230</td>
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<tr>
<td>INST 2320 DistrContrSystems</td>
<td>4</td>
<td>Sp, Su</td>
<td>INST 2230</td>
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<tr>
<td>INST 2350 ProgLogicContrls (PLC)</td>
<td>4</td>
<td>F, Sp</td>
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<tr>
<td>INST 2360 Advanced PLC</td>
<td>3</td>
<td>F, Sp</td>
<td>INST 2350</td>
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<tr>
<td>INST 2370 Contr Syst Troubleshoot</td>
<td>2</td>
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Elective

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<tbody>
<tr>
<td>INST 2990 Special Studies</td>
<td>1-3</td>
<td>A</td>
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SAMPLE SCHEDULE

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<td>ENG 2100</td>
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<td>EIT 1140</td>
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<td>INST 2150</td>
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<td>TOTAL</td>
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</table>
INTERIOR DESIGN

Library Square
General Information (801) 957-2000
Academic Advisor (801) 957-4482
Director: Mojdeh Sakaki (801) 957-3920

THE PROGRAM
The Interior Design program is structured to prepare students for entry into the varied professions within the field of interior design. Students will learn how to identify, research, and creatively solve problems related to the quality of interior environments. Interior Designers provide specialized services planning both commercial and residential spaces. Students who successfully complete the program will be able to provide expert planning services that include: design analysis, space planning, and aesthetics, specialized knowledge of interior construction, building codes, equipment, materials, and furnishings. In addition, students will learn drafting techniques and how to use computer-aided design tools which will help them present their work to clients. Students will also gain an understanding of the legal and ethical issues that guide and direct the profession. Practical experience through internships and special projects will enhance classroom learning.

TRANSFER INFORMATION
Students interested in pursuing professional interior design at should obtain advising regarding the requirements and course selection criteria for the bachelor's program.

PREPARATION NOTE
Students who need to take preparatory classes to meet the requirements of first-semester courses should plan on extra time to complete a certificate.

PREREQUISITES
It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY
The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and other modifications to the semester schedule.

CERTIFICATE
MAJOR COURSE REQUIREMENTS (minimum 29 hours required)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>INTD 1010</td>
<td>3</td>
<td>A</td>
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</tr>
<tr>
<td>INTD 1200</td>
<td>3</td>
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<td>none</td>
</tr>
<tr>
<td>INTD 1210</td>
<td>3</td>
<td>A</td>
<td>none</td>
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<tr>
<td>INTD 1230</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
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<td>INTD 1310</td>
<td>4</td>
<td>F, Sp</td>
<td>INTD 1010, INTD 1200, INTD 1220, INTD 1230, INTD 1340, INTD 1450</td>
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ASSOCIATE OF APPLIED SCIENCE DEGREE IN INTERIOR DESIGN
(minimum 66 credits required)

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COMPOSITION</th>
<th>CR</th>
<th>SEM</th>
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</thead>
<tbody>
<tr>
<td>ENGL 1010 Introduction to Writing</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

QUANTITATIVE STUDIES (CHOOSE ONE OF THE FOLLOWING):

| ART 1120 Math for Visual Arts         |     |
| FIN 1380 Financial Mathematics        |     |
| MATH 1010 Intermediate Algebra        |     |
| BCCM 1100 Construction Math          |     |

COMMUNICATION (CHOOSE ONE OF THE FOLLOWING):

| COMM 1010 Elements of Effective Communication |     |
| COMM 1020 Principles of Public Speaking     |     |
| CTEL 1020 Career Speech Skills              |     |

HUMAN RELATIONS (CHOOSE ONE OF THE FOLLOWING):

| ART 1150 Foundation Seminar (Recommended for Visual Art & Design students only) |     |
| COMM 2110 Interpersonal Communication     |     |
| CTEL 1010 Leadership & Team Building       |     |
| LE 1220 Human Relations for Career Development |     |
| MKTG 1010 Customer Service                |     |
| MKTG 1960 Professionalism in Business      |     |

DISTRIBUTION AREAS
Choose an additional three credits from one of the following distribution areas (BS, FA, HU, PS, SS, ID). The following courses are recommended:

| ARTH 2710 Art History /Pre History (HU) |     |
| ARTH 2720 Art History/ Renaissance (HU) |     |
| MKTG 1050 Consumerism (ID)              |     |
| PHIL 1130 Personal Ethics (ID, DV)      |     |

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTD 1010</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>INTD 1200</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>INTD 1220</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>INTD 1230</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>INTD 1310</td>
<td>4</td>
<td>Sp, F</td>
<td>INTD 1010, INTD 1200, INTD 1220, INTD 1230, INTD 1340, INTD 1450</td>
</tr>
<tr>
<td>INTD 1320</td>
<td>3</td>
<td>A</td>
<td>none</td>
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</table>
The International Studies program has three elective tracks: Language, Business, and Area Studies; all of them designed to create greater sensitivity and understanding of the global community as well as to gain or improve language skills in order to communicate with greater cultural understanding. Students will gain knowledge of historical and modern influences that will help them challenge the differences that separate cultures as well as deepen understanding of the magnificence of different cultures.

Students planning to transfer to a four-year institution may want to confer with the transfer institution about the possibility of continuing study in a language. SLCC offers a broad range of languages; while the credit will transfer, the transfer institution may not offer continuing study in all languages.

For students already proficient in a language, it is possible to enroll in more advanced courses with instructor’s approval. Upon completion of that course with a grade of B or better, students can petition for credit for the courses bypassed. Contact the Language and Culture Department for more information.

Career Opportunities upon Completion of Program: Students will have the opportunity to prepare for an international career in government, humanitarian agencies, the arts, education, health and human services or a variety of other careers that may require international travel, residence or expertise. The degree also prepares students for transfer to 4-year programs in international studies, language, and a variety of others.

TRANSFER NOTES
The International Studies AA program is designed for transfer to the University of Utah International Studies major which requires junior level foreign language and leads to an individualized program of study in Global or Area Studies after transfer. The U of U International Studies also requires ANTH 1010 or GEOG 1300 and HIST 1510, POLS 2100, and MGT 2600 toward the major. Engagement with another culture for the equivalent of at least one semester is required for the major. The requirement can be either through a Study Abroad program in which students transfer at least 3 credit hours to the University of Utah or through alternative international experience. For more information regarding study abroad opportunities, please contact the SLCC Study Abroad office in CT 258, (801) 957-4593.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF ARTS TRANSFER DEGREE

INTERNATIONAL STUDIES

Sample Schedule

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
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</thead>
<tbody>
<tr>
<td>INTD 1010</td>
<td>INTD 1320</td>
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<tr>
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<th>SUMMER TERM</th>
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<td>GEN</td>
<td>INTD 1370</td>
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<td>GEN</td>
<td>INTD 1380</td>
</tr>
<tr>
<td>GEN</td>
<td>INTD 1460</td>
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<td>TOTAL 12</td>
<td>TOTAL 13</td>
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2nd SPRING SEMESTER

| INTD 1310 | INTD 1370 |
| INTD 1500 | INTD 1380 |
| GEN       | INTD 1460 |
| TOTAL     | TOTAL 13  |

INTERNATIONAL STUDIES

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<thead>
<tr>
<th>FALL</th>
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<tbody>
<tr>
<td>ENGL 1010</td>
<td>Intro to Writing</td>
</tr>
<tr>
<td>ENGL 2010</td>
<td>Intermediate Writing</td>
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<tr>
<td>MATH 1010</td>
<td>Quant Reasoning</td>
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<tr>
<td>ECON 1240</td>
<td>Econ History of US</td>
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<tr>
<td>HIST 1700</td>
<td>Amer Civilization</td>
</tr>
<tr>
<td>POLS 1100</td>
<td>US Gov &amp; Politics</td>
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AMERICAN INSTITUTIONS (CHOOSE ONE COURSE)

| 1240 | Econ History of US |
| 1700 | Amer Civilization |
| 1100 | US Gov & Politics |

LIFELONG WELLNESS

| HLAC | 1 | none |

STUDENT CHOICE (2 CREDITS)

| 1 | none |

COMPUTER LITERACY

| DISTRIBUTION AREAS |

| Biological Science (BS) |
| Fine Arts (FA) |
| Humanities (HU) |
| Interdisciplinary (ID) |
| Physical Science (PS) |
| Social Science (SS) |

| RDG 0990 w/C or better |
| RDG 0990 w/C or better |
| RDG 0990 w/C or better |
| RDG 0990 w/C or better |

SLCC 2010-2011 GENERAL COLLEGE CATALOG
MAJOR COURSE REQUIREMENTS (28-29 CREDITS):

<table>
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<th>SEM</th>
<th>PREREQUISITES</th>
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<tr>
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<tr>
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</tr>
<tr>
<td>*LANG 2010 Intermediate I</td>
<td>4</td>
<td>A</td>
<td>LANG 1020</td>
</tr>
<tr>
<td>*LANG 2020 Intermediate II</td>
<td>4</td>
<td>A</td>
<td>LANG 2010</td>
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</tr>
<tr>
<td>MGT</td>
<td>2600</td>
<td>Intro Intntrl Trade/Bus</td>
<td>3</td>
</tr>
<tr>
<td>POLS</td>
<td>2100</td>
<td>Intro Intntrl Politics</td>
<td>3</td>
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ELECTIVES

CHOOSE 9-10 CREDITS FROM ANY ONE OF THE ELECTIVE TRACKS BELOW.
SEE AN ADVISOR FOR OPTIONS.

AREA STUDY TRACK
(COURSES SHOULD BE CHOSEN TO COMPLEMENT THE AREA BEING STUDIED.)

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<th>PREREQUISITES</th>
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<td>Cal &amp; Human Exp</td>
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<tr>
<td>ANTH</td>
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<td>Spec Studies-Antho</td>
<td>1-3</td>
</tr>
<tr>
<td>ANTH</td>
<td>2011</td>
<td>People/Cul of SW</td>
<td>3</td>
</tr>
<tr>
<td>ANTH</td>
<td>2900</td>
<td>Sp Topics Anthro</td>
<td>1-3</td>
</tr>
<tr>
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<td>2520</td>
<td>Latin Amer Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH</td>
<td>2640</td>
<td>Buddhist Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH</td>
<td>2750</td>
<td>Asian Art: Japan</td>
<td>3</td>
</tr>
<tr>
<td>ARTH</td>
<td>2750</td>
<td>Art History to Ren</td>
<td>3</td>
</tr>
<tr>
<td>ARTH</td>
<td>2760</td>
<td>Art Hist Since Ren</td>
<td>3</td>
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<td>Native Am Liter</td>
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<td>GEOG</td>
<td>1300</td>
<td>Regional Geography (ID)</td>
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<tr>
<td>HIST</td>
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<td>Colonial Latin Amer</td>
<td>3</td>
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<tr>
<td>HIST</td>
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<td>World Hist to 1500</td>
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<td>1510</td>
<td>World Hist 1500-1700</td>
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<td>Intro to Russian Cult</td>
<td>3</td>
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<td>2220</td>
<td>Pacific Amer Studies</td>
<td>3</td>
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<tr>
<td>INTL</td>
<td>1620</td>
<td>Immigrant Exp Lit/Flm</td>
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BUSINESS TRACK
(COURSE | CR | SEM | PREREQUISITES |
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<tr>
<td>MKTG</td>
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<td>Intro To Marketing</td>
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CHOOSE ONE OF THE FOLLOWING:

<table>
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<th>PREREQUISITES</th>
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LANGUAGE TRACK
(Courses should be chosen to complement the area being studied.)

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<td>2011</td>
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<td>Sp Topics Anthro</td>
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<td>Buddhist Art</td>
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<td>Asian Art: Japan</td>
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<td>2750</td>
<td>Art History to Ren</td>
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<td>Art Hist Since Ren</td>
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<td>Native Am Liter</td>
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<td>GEOG</td>
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<td>West Civ-Anc to Ren</td>
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<td>1310</td>
<td>West Civ-Ren-Mdl</td>
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<tr>
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<td>2120</td>
<td>Sacred Texts &amp; Myths</td>
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<td>Philosophy in Lit</td>
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<td>2210</td>
<td>Intro to Russian Cult</td>
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<td>Pacific Amer Studies</td>
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<td>PHIL</td>
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<td>Prin. of Phil of Relig(HU)</td>
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<tr>
<td>*LANG 1300</td>
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<td>*LANG 1900</td>
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<td></td>
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<td>*LANG 2750</td>
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<td>3</td>
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<td>*LANG 2760</td>
<td>Intro to LANG* Flm</td>
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<tr>
<td>*LANG 2900</td>
<td>Sp Tops in LANG*</td>
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</table>

*LANG prefix does not exist—that prefix would be replaced by the prefix for the individual language chosen: ARB, CHI, FRN, GER, ITL, JPN, NAV, POR, RUS, SAM, SPN, TNG

IRONWORKERS JATC TECHNOLOGY APPRENTICESHIP
SEE APPRENTICESHIPS SECTION.

ITALIAN
SEE LANGUAGE AND CULTURE.

JAPANESE
SEE LANGUAGE AND CULTURE.

LANDSCAPE TECHNOLOGY APPRENTICESHIP
SEE APPRENTICESHIPS SECTION.

LANGUAGE AND CULTURE
General Information (801) 957-4338
Construction Trades 286
Academic Advising, SCC-W 135 (801) 957-3353
www.slcc.edu/languages

Department Chair: Paul Allen (see also Humanities)
Associate Professor: Laura Bradford, Jonathan Stowers
Assistant Professor: Christine Gonzales

THE PROGRAM
The Language and Culture Program teaches beginning skills in several languages. Classes are designed to help students learn or improve listening, speaking, reading and writing skills, as well as embracing cultural differences and heritage.

The Program supports a full two-year program in American Sign Language, Arabic, Chinese, French, German, Italian, Japanese, Navajo, Portuguese, Russian, Samoan, Spanish and Tongan.

ASSOCIATE OF ARTS (AA) LANGUAGE REQUIREMENT
General Education for all Associate of Arts (AA) students includes a Language requirement. The requirement can be fulfilled by any 1020 course (Beginning Language I). These courses are listed as (LN). This requirement may also be fulfilled by taking the second-year courses 2010 and/or 2020.

For students already proficient in a language, it is possible to enroll directly in more advanced courses with instructor approval. Upon completion of that course with a grade of B or higher, students can petition for credit for the first-year courses bypassed. Other options may be available, contact the Humanities, Language and Culture Department.

Native speakers/naturalized citizens are not allowed to take first-year courses in their native language.

ENGL courses may not be used to fulfill the Associate of Arts (AA) Language requirement, unless the student has taken college level ESL courses. Those students may take an additional ENGL course after ENGL 1010 and 2010 and have it count as the (AA) Language requirement.
## TRANSFER ADVICE

Students should also be advised that a Bachelor of Arts (BA) will require four semesters of a language and many four-year institutions may require those courses to be taken consecutively. SLCC also offers a wider selection of languages than many transfer institutions; it may not be possible to continue study of a specific language after transfer. Students should check with the institution to which they plan to transfer.

## LANGUAGE OFFERINGS

### AMERICAN SIGN LANGUAGE

SEE AMERICAN SIGN LANGUAGE/INTERPRETING

### ARABIC COURSE

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<tr>
<td>ARB 1900 Special Studies</td>
<td>1-2</td>
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<tr>
<td>ARB 2010 Intern Arabic I</td>
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<td>F ARB 1020</td>
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<td>ARB 2020 Intern Arabic II</td>
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<td>Sp ARB 1020</td>
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<tr>
<td>ARB 2900 Special Topics</td>
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### CHINESE COURSE

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<td>CHI 2900 Special Topics</td>
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### FRENCH COURSE

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<td>FRN 1900 Special Studies</td>
<td>1-2</td>
<td>TBA instructor's approval</td>
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<tr>
<td>FRN 2010 Intern French I</td>
<td>4</td>
<td>F FRN 1020</td>
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<tr>
<td>FRN 2020 Intern French II</td>
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<tr>
<td>FRN 2300 Conversation</td>
<td>1</td>
<td>F, Sp FRN 1020</td>
</tr>
<tr>
<td>FRN 2700 Intro to French Lit</td>
<td>3</td>
<td>TBA FRN 2020 or FRN 2010</td>
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<tr>
<td>FRN 2710 Intro French Film</td>
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<td>TBA FRN 1020</td>
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<td>FRN 2900 Special Topics</td>
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### GERMAN COURSE

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<tr>
<td>GER 2010 Inter German I</td>
<td>4</td>
<td>F GER 1020</td>
</tr>
<tr>
<td>GER 2020 Inter German II</td>
<td>4</td>
<td>Sp GER 1020</td>
</tr>
<tr>
<td>GER 2300 Conversation</td>
<td>1</td>
<td>F, Sp GER 1020</td>
</tr>
<tr>
<td>GER 2700 Intro to German Lit</td>
<td>3</td>
<td>TBA GER 2020 or GER 2010</td>
</tr>
<tr>
<td>GER 2710 Int German Film</td>
<td>3</td>
<td>TBA GER 1020</td>
</tr>
<tr>
<td>GER 2900 Special Topics</td>
<td>1-3</td>
<td>A Instructor approval</td>
</tr>
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</table>

### INTERNATIONAL CULTURE COURSE

<table>
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<tr>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>INTL 2040 Immig Exp Lit/Film</td>
<td>3</td>
<td>F, Sp none</td>
</tr>
<tr>
<td>INTL 2060 Intl Lit and Culture</td>
<td>3</td>
<td>A none</td>
</tr>
<tr>
<td>INTL 2980 Travel Study</td>
<td>3</td>
<td>A varies</td>
</tr>
<tr>
<td>INTL 2990 Study Abroad</td>
<td>3</td>
<td>A varies</td>
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### ITALIAN COURSE

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<tr>
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<tbody>
<tr>
<td>ITL 1010 Beg Italian I</td>
<td>5</td>
<td>A none</td>
</tr>
<tr>
<td>ITL 1020 Beg Italian II (LN)</td>
<td>5</td>
<td>A ITL 1010</td>
</tr>
<tr>
<td>ITL 1300 Beg Conver</td>
<td>1</td>
<td>Sp ITL 1010</td>
</tr>
<tr>
<td>ITL 1900 Special Studies</td>
<td>1-2</td>
<td>TBA instructor's approval</td>
</tr>
<tr>
<td>ITL 2010 Intern Italian I</td>
<td>4</td>
<td>F ITL 1020</td>
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<tr>
<td>ITL 2020 Intern Italian II</td>
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<tr>
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<td>3</td>
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</tr>
<tr>
<td>ITL 2900 Special Topics</td>
<td>1-3</td>
<td>A Instructor approval</td>
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### JAPANESE COURSE

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<tbody>
<tr>
<td>JPN 1010 Beg Japanese I</td>
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<td>JPN 1020 Beg Japanese II (LN)</td>
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<td>A JPN 1010</td>
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<tr>
<td>JPN 1300 Beg Conver</td>
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<td>A JPN 1010</td>
</tr>
<tr>
<td>JPN 1900 Special Studies</td>
<td>1-2</td>
<td>TBA instructor's approval</td>
</tr>
<tr>
<td>JPN 2010 Intern Japanese I</td>
<td>4</td>
<td>F JPN 1020</td>
</tr>
<tr>
<td>JPN 2020 Intern Japanese II</td>
<td>4</td>
<td>Sp JPN 1020 or JPN 1010</td>
</tr>
<tr>
<td>JPN 2300 Conversation</td>
<td>1</td>
<td>F, Sp JPN 1020</td>
</tr>
<tr>
<td>JPN 2710 Int Japanese Film</td>
<td>3</td>
<td>TBA JPN 1010</td>
</tr>
<tr>
<td>JPN 2900 Special Topics</td>
<td>1-3</td>
<td>A Instructor approval</td>
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### NAVAJO COURSE

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<tbody>
<tr>
<td>NAV 1010 Beg Navajo I</td>
<td>5</td>
<td>F none</td>
</tr>
<tr>
<td>NAV 2900 Special Topics</td>
<td>1-3</td>
<td>A Instructor approval</td>
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### PORTUGUESE COURSE

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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>POR 1010 Beg Portugue I</td>
<td>5</td>
<td>A none</td>
</tr>
<tr>
<td>POR 1020 Beg Portugue II (LN)</td>
<td>5</td>
<td>A POR 1010</td>
</tr>
<tr>
<td>POR 1300 Beg Conver</td>
<td>1</td>
<td>A POR 1010</td>
</tr>
<tr>
<td>POR 1900 Special Studies</td>
<td>1-2</td>
<td>TBA instructor's approval</td>
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<tr>
<td>POR 2010 Intern Portugue I</td>
<td>4</td>
<td>F POR 1020</td>
</tr>
<tr>
<td>POR 2020 Intern Portugue II</td>
<td>4</td>
<td>F POR 1020 or POR 1010</td>
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<tr>
<td>POR 2300 Conversation</td>
<td>1</td>
<td>F, Sp POR 1020</td>
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<tr>
<td>POR 2700 Intro to Literatur</td>
<td>3</td>
<td>TBA POR 2020 or POR 2010</td>
</tr>
<tr>
<td>POR 2710 Portuguese Film</td>
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<td>TBA POR 1020</td>
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<tr>
<td>POR 2900 Special Topics</td>
<td>1-3</td>
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### RUSSIAN COURSE

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<th>CR</th>
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<tbody>
<tr>
<td>RUS 1010 Beg Russian I</td>
<td>5</td>
<td>A none</td>
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<td>RUS 1020 Beg Russian II (LN)</td>
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<td>A RUS 1010</td>
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<tr>
<td>RUS 1300 Beg Conver</td>
<td>1</td>
<td>A RUS 1010</td>
</tr>
<tr>
<td>RUS 1900 Special Studies</td>
<td>1-2</td>
<td>TBA instructor's approval</td>
</tr>
<tr>
<td>RUS 2010 Inter Russian I</td>
<td>4</td>
<td>F RUS 1020</td>
</tr>
<tr>
<td>RUS 2020 Inter Russian II</td>
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<tr>
<td>RUS 2300 Conversation</td>
<td>1</td>
<td>F, Sp RUS 1020</td>
</tr>
<tr>
<td>RUS 2700 Intro to Literatur</td>
<td>3</td>
<td>TBA RUS 2020 or RUS 2010</td>
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<tr>
<td>RUS 2710 Int Russian Film</td>
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<tr>
<td>RUS 2900 Special Topics</td>
<td>1-3</td>
<td>A Instructor approval</td>
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### SAMOAAN COURSE

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<thead>
<tr>
<th>CR</th>
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<tbody>
<tr>
<td>SAM 1010 Beginning Samoan I</td>
<td>5</td>
<td>A none</td>
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<tr>
<td>SAM 1020 Beg Samoan II (LN)</td>
<td>5</td>
<td>A SAM 1010</td>
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<tr>
<td>SAM 1300 Beg Conver/Samoan</td>
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<td>A SAM 1010</td>
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<td>SAM 1900 Special Studies</td>
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<td>A Instructor Approval</td>
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<tr>
<td>SAM 2010 Intern Samoan I</td>
<td>4</td>
<td>F SAM 1020</td>
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<tr>
<td>SAM 2020 Intern Samoan II</td>
<td>4</td>
<td>Sp SAM 1020</td>
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<tr>
<td>SAM 2300 InternConversation</td>
<td>1</td>
<td>A SAM 1020</td>
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<tr>
<td>SAM 2900 Special Topics</td>
<td>1-3</td>
<td>A Instructor Approval</td>
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### SPANISH COURSE

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<th>SEM</th>
<th>PREREQUISITIES</th>
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<tbody>
<tr>
<td>SPN 1010 Beg Spanish I</td>
<td>5</td>
<td>A none</td>
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<tr>
<td>SPN 1020 Beg Spanish II (LN)</td>
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<tr>
<td>SPN 1300 Beg Conver</td>
<td>1</td>
<td>A SPN 1010</td>
</tr>
<tr>
<td>SPN 1900 Special Studies</td>
<td>1-2</td>
<td>TBA instructor's approval</td>
</tr>
<tr>
<td>SPN 2010 Intern Spanish I</td>
<td>4</td>
<td>F SPN 1020</td>
</tr>
<tr>
<td>SPN 2020 Intern Spanish II</td>
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</tr>
<tr>
<td>SPN 2300 Conversation</td>
<td>1</td>
<td>F, Sp SPN 1020</td>
</tr>
<tr>
<td>SPN 2700 Intro to Literatur</td>
<td>3</td>
<td>TBA SPN 2020 or SPN 2010</td>
</tr>
<tr>
<td>SPN 2710 Int Hispanic Film</td>
<td>3</td>
<td>TBA SPN 1020</td>
</tr>
<tr>
<td>SPN 2900 Special Topics</td>
<td>1-3</td>
<td>A Instructor approval</td>
</tr>
</tbody>
</table>

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*SLCC 2010-2011 GENERAL COLLEGE CATALOG*
Students completing the Marine Biology class can elect to pursue an Associate of Science degree by taking BIOL 1610 College Biology I and then the other required courses. The AS degree in Biology could transfer towards obtaining a Bachelor’s Degree, with an emphasis in marine biology, from a four-year institution with a marine program.

The Living Planet Aquarium contributes to the marine experience at SLCC, by offering tours of the aquarium for the Marine Biology class, conducted by a Living Planet Aquarist. After completing the Marine Biology class, SLCC Students can also apply for an internship offered by SLCC Biology Department in association with the Living Planet Aquarium. Interns fulfill college credit with work done at the aquarium.

**CLASS AVAILABILITY**
The semesters during which courses are taught are listed below. Students should check the semester class schedule for day/evening availability, locations and modifications caused by varying enrollment.

**COURSE OFFERING**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1070 Intro to Marine Bio</td>
<td>4</td>
<td>F,Sp</td>
<td>concurrent w/BIOL 1075</td>
</tr>
</tbody>
</table>

**MARKETING MANAGEMENT**

Business Building 109 (801) 957-5151
General Information (801) 957-5150
Academic Advising (801) 957-4300
www.slcc.edu/marketingmanagement

**Professors:** Rolayne Day, Curtis W. Youngman
Associate Professor: Barbie Willett
Assistant Professors: Al Cole, Christopher Black

**THE PROGRAM**
Marketing is a major function of business with a widely diverse field of job opportunities including retailing, direct sales, advertising, physical distribution, logistics and purchasing. Information management, customer service and public relations are important aspects of the field. Marketing continues to increase in importance in the world of commerce and industry and many managers are selected from successful marketing personnel. Students cultivate fresh viewpoints and leadership skills through an open exchange of ideas and experiences while participating in team activities and problem-solving situations.

Students who are interested in pursuing courses leading to a Bachelor’s degree in Marketing should follow the courses listed in the Business Associate of Science or Business Associate of Arts degrees listed elsewhere in this catalog.

General Education and elective courses provide training in effective oral and written communication and human relations skills. BUS 1050 and MKTG 1050 are taught using group and team activities in the learning process to develop the students’ interactive skills to build human values and ethics.

**GRADE REQUIREMENTS**
Marketing majors must complete each of the required marketing classes with a 2.4 (C-) GPA or higher. Students receiving lower than 2.4 in any marketing course cannot proceed without approval from the instructor.

The Marketing Management associate degree program is accredited by the Association of Collegiate Business Schools and
Programs (ACSBP). This accreditation represents the achievement of meeting the high national standards established for associate degree-granting business programs.

**PREPARATION NOTE**
Students who need to take preparatory classes to meet requirements of first semester courses should plan on extra time to complete a certificate or degree. Classes designed to assist students in reaching the skill level necessary to enter the certificate and degree programs are MATH 0990 (Elementary Algebra) and CIS 1020 (Computer Essentials). Classes in the preparatory skills may be waived as students demonstrate equivalent skills.

**PREREQUISITES**
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. Students who wish to take the CIS 1020 Computer Essentials challenge exam are advised to review the information at www.slcc.edu/CIS. An 80% or higher is required on each section of the test.

**ELECTIVE OPTIONS**
Cooperative Education is the College’s program for recognizing and rewarding new learning associated with study-related employment in a business, industrial or government work environment. Credit earned from MKTG 2000 is applied toward graduation requirements as a marketing elective credit. Contact the Cooperative Education Department at (801) 957-4014.

The Department strongly recommends that students enhance their employment opportunities through Cooperative Education as soon as skills permit, to complement the certificate or degree.

**CLASS AVAILABILITY**
The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

**ASSOCIATE OF APPLIED CTE SCIENCE DEGREE IN MARKETING MANAGEMENT** (minimum 67 hours required)

**GENERAL EDUCATION REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE CORE SKILLS</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>COMPOSITION</td>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
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<tr>
<td>QUANTITATIVE STUDIES</td>
<td>FIN 1380 Financial Math</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>COMMUNICATION</td>
<td>BUS 2200 Bus Communications</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>HUMAN RELATIONS</td>
<td>MKTG 1010 Customer Service</td>
<td>2</td>
<td>A</td>
</tr>
<tr>
<td>DISTRIBUTION AREAS</td>
<td></td>
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</table>

Choose an additional six credits from at least two of the following distribution areas:

- Biological Science (BS) 3-4 A RDG 0990 w/C or better none
- Fine Arts (FA) 3 A none
- Humanities (HU) 3 A none
- Interdisciplinary (ID) 3 A none
- Physical Science (PS) 3 A none
- Social Science (SS) 3 A none

Interdisciplinary: except BUS 1050, MKTG 1050.

See pp. 23-27 for options in each of these categories.

**MAJOR COURSE REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ACCT 2010 Survey Fin Acct</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>BUS 1050 Foundations of Bus</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ECON 2010 Microeconomics</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>MGT 1020 Intro to Dist Sys</td>
<td>3</td>
<td>A</td>
<td>none</td>
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<tr>
<td>MGT 2050 LGl Envir Bus</td>
<td>3</td>
<td>A</td>
<td>BUS 1050</td>
</tr>
<tr>
<td>*MKTG 1030 Intro to Mktg</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>*MKTG 1050 Consumerism</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>*MKTG 1070 Promotion</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>*MKTG 2300 Bus Present</td>
<td>2</td>
<td>F</td>
<td>CIS 1020 or comp</td>
</tr>
<tr>
<td>*MKTG 2480 Sales</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>*MKTG 2400 Mktg Info Mgmt</td>
<td>3</td>
<td>Sp</td>
<td>MKTG 1030</td>
</tr>
<tr>
<td>*MKTG 2410 Prdct/Prcg Strg</td>
<td>3</td>
<td>F</td>
<td>MKTG 1030</td>
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<tr>
<td>*MKTG 2420 Intnl Mktg</td>
<td>3</td>
<td>F</td>
<td>MKTG 1030, ECON 2010</td>
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<tr>
<td>*MKTG 2350 Consumer &amp; Bus Mktg</td>
<td>3</td>
<td>Sp</td>
<td>MKTG 1030</td>
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<tr>
<td>*MKTG 2500 Princ of Mktg</td>
<td>3</td>
<td>Sp</td>
<td>MKTG 1070, or MKTG 2350, MKTG 2050, MKTG 2120</td>
</tr>
<tr>
<td>*MKTG 2810 E-CmnDsgn/Imp</td>
<td>3</td>
<td>Sp</td>
<td>MKTG 1030, MKTG 1480 or concurrent</td>
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MKTG Electives 3

**MARKETING ELECTIVES (3 CREDITS)**

<table>
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<tr>
<th>COURSE</th>
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<tr>
<td>MGT 2070 Human Res Mgt</td>
<td>3</td>
<td>F, Sp</td>
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<tr>
<td>BUS 1050</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGT 2600 Intl Trade/Bus</td>
<td>3</td>
<td>Sp</td>
</tr>
<tr>
<td>*MKTG 2900 DEX SpecProj</td>
<td>2</td>
<td>A</td>
</tr>
<tr>
<td>*MKTG 1090 Event Marketing</td>
<td>3</td>
<td>F</td>
</tr>
<tr>
<td>*MKTG 2000 CO-OP</td>
<td>1-3</td>
<td>A</td>
</tr>
<tr>
<td>*MKTG 2990 Current Topics</td>
<td>1-3</td>
<td>A</td>
</tr>
</tbody>
</table>

*Can be taken as an elective if not taken as a required course.

**SAMPLE SCHEDULE**

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
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<tbody>
<tr>
<td>ENGL 1010</td>
<td>BUS 2200</td>
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<tr>
<td>MGT 1020</td>
<td>MGT 1050</td>
</tr>
<tr>
<td>MKTG 1030</td>
<td>MGT 1480</td>
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<tr>
<td>MKTG 1070</td>
<td>BUS 1050</td>
</tr>
<tr>
<td>MKTG 1300</td>
<td>TOTAL 17</td>
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<td>TOTAL 17</td>
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**CERTIFICATE OF COMPLETION CTE MARKETING MANAGEMENT** (minimum 37 hours required)

<table>
<thead>
<tr>
<th>MAJOR COURSE REQUIREMENTS</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ACCT 2010 Survey Fin Acct</td>
<td>3</td>
<td>A</td>
<td>none</td>
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<tr>
<td>BUS 1050 Foundations of Bus</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ECON 2010 Microeconomics</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>MGT 1020 Intro to Dist Sys</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>MGT 2050 LGl Envir Bus</td>
<td>3</td>
<td>A</td>
<td>BUS 1050</td>
</tr>
<tr>
<td>MKTG 1030 Intro to Mktg</td>
<td>3</td>
<td>A</td>
<td>none</td>
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<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>MKTG 1070 Promotion</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>MKTG 2300 Bus Present</td>
<td>2</td>
<td>F</td>
<td>CIS 1020 or comp</td>
</tr>
<tr>
<td>MKTG 2480 Sales</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>MKTG 2400 Mktg Info Mgmt</td>
<td>3</td>
<td>Sp</td>
<td>MKTG 1030</td>
</tr>
</tbody>
</table>

*Must be competed with C+ or higher.
MATERIALS SCIENCE ENGINEERING

SEE ENGINEERING.

MATHEMATICS

Estimated cost of books and supplies course  $75

General Information (801) 957-4073
SI 220 (801) 957-4267
Academic Advisor SI 209 (801) 957-4858
www.slcc.edu/math

Professor: Chuck Cummings
Associate Professor: Kathy Eppler, Joe Gallegos, Shawna Haider
Assistant Professors: Dale Nelson, Doug Richards, Brenda Santistevan,
Cindy Soderstrom, Shane Tang, Suzanne Topp, Ruth Frystad, Molitika
Vaivaka, Cyril Watt
Instructor: Kyle Costello, Alia Maw, Ron McKay, Cesar Melo, Zeph Smith

THE PROGRAM
An Associate of Science degree can be earned through the study of Mathematics. It requires a minimum of 63 credit hours of coursework including 22 hours of mathematics courses and 8 hours of physics courses. All classes are transferable to other schools in the state system of higher education and most other universities and colleges. These courses will prepare a student for completion of a mathematics or mathematics education degree at a four year institution. Students in this program also complete General Education requirements.

Requirements at four-year colleges and universities are subject to change; ongoing planning is essential. Please see academic advisor.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied (within one year) before the designated class may be taken.

ELECTIVE OPTIONS
Cooperative education is SLCC’s strategy for recognizing and rewarding new learning associated with study-related employment in a business, industrial or government work environment. Credit earned for MATH 2000 is applied toward graduation requirements as a mathematics elective credit.

CLASS AVAILABILITY
Semesters in which courses are taught are listed in course descriptions. Students should check the semester class schedule for day/evening/weekend availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*
(minimum 63 hours required)

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
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<tbody>
<tr>
<td>BUS 1050</td>
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</tr>
<tr>
<td>MKTG 1010</td>
<td>BUS 2200</td>
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<tr>
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<td>FIN 1300</td>
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<tr>
<td>MGT 1020</td>
<td>MKTG 1050</td>
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<tr>
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<td>MKTG 1480</td>
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<tr>
<td>MKTG 1300</td>
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<tr>
<td>TOTAL 19</td>
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PROGRAM PREREQUISITE
(MUST BE COMPLETED WITH A C OR BETTER)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>MATH 1060</td>
<td>3</td>
<td>A</td>
<td>MATH 1030 and RDG 0990 w/C or better</td>
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GENERAL EDUCATION REQUIREMENTS

<table>
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<td>Placement Test</td>
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<table>
<thead>
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<th>SEM</th>
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<tbody>
<tr>
<td>MATH 2110</td>
<td>4</td>
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AMERICAN INSTITUTIONS (3 CREDITS)

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<tr>
<td>ECON 1740</td>
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<tr>
<td>HIST 1700</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better</td>
</tr>
<tr>
<td>POLS 1100</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better</td>
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INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

<table>
<thead>
<tr>
<th>COURSE</th>
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</table>

STUDENT CHOICE (3 CREDITS)

(Choose COMM 1020 Public speaking for transfer to Westminster or Weber.)

COMPUTER COMPETENCY

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Science (BS)</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better</td>
</tr>
<tr>
<td>Fine Arts (FA)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Humanities (HU)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Interdisciplinary (ID)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Social Science (SS)</td>
<td>3</td>
<td>A</td>
<td>none</td>
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</tbody>
</table>

Physical Science area is exempted; PHYS 2210 is required for program.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITIES</th>
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</thead>
<tbody>
<tr>
<td>MATH 1040</td>
<td>3</td>
<td>A</td>
<td>MATH 1010 and RDG 0990 w/C or better</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2210</td>
<td>4</td>
<td>A</td>
<td>MATH 1210</td>
</tr>
<tr>
<td>MATH 2210</td>
<td>4</td>
<td>F/Sp</td>
<td>MATH 1220</td>
</tr>
<tr>
<td>MATH 2270</td>
<td>4</td>
<td>F</td>
<td>MATH 1220</td>
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<tr>
<td>MATH 2280</td>
<td>4</td>
<td>Sp</td>
<td>MATH 1220</td>
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<tr>
<td>PHYS 2210</td>
<td>4</td>
<td>A</td>
<td>MATH 1210, w/PHYS 2215</td>
</tr>
<tr>
<td>PHYS 2220</td>
<td>4</td>
<td>A</td>
<td>MATH 1210</td>
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ELECTIVES (5 CREDITS)

(Choose at least 5 credit hours from the following:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 2235*</td>
<td>1</td>
<td>A</td>
<td>Concurrent w/PHYS 2210</td>
</tr>
<tr>
<td>PHYS 2235**</td>
<td>1</td>
<td>A</td>
<td>w/PHYS 2220</td>
</tr>
<tr>
<td>CHEM 1210</td>
<td>4</td>
<td>A</td>
<td>MATH 1050 w/C or better, concurrent w/CHEM 1215</td>
</tr>
</tbody>
</table>
MATH 1010 Intern Algebra 4 A MATH 0990 and RDG 0990 w/C or better or appropriate placement

MATH 1015 Intern Algebra Workshop 1 A w/MATH 1010

MATH 1020 Math for Health 3 A MATH 0950 or MATH 0950 and RDG 0990 w/C or better or appropriate placement

MATH 1030 Quant Reasoning 3 A MATH 1010 and RDG 0990 w/C or better or appropriate placement

MATH 1040 Statistics 3 A MATH 1010 and RDG 0990 w/C or better or appropriate placement

MATH 1050 College Algebra 4 A MATH 1010 and RDG 0990 w/C or better or appropriate placement

MATH 1055 College Algebra Workshop 1 A w/MATH 1050

MATH 1060 Trigonometry 3 A MATH 1050 and RDG 0990 w/C or better or appropriate placement

MATH 1065 Survey of Precalculus 3 A MATH 1050

MATH 1090 College Alg Bus 3 A MATH 1010 and RDG 0990 w/C or better or appropriate placement

MATH 1110 Calculus I 4 A MATH 1060

MATH 1120 Calculus II 4 A MATH 1110

MATH 2000 CO-OP 2-4 A instructor's approval

MATH 2100 Math Elm Tch I 3 F MATH 1050

MATH 2120 Math Elm Tch II 3 Sp MATH 2100

MATH 2210 Multiv Calculus 3 A MATH 1220

MATH 2240 Stats for Applied Science 4 Fsp MATH 1050

MATH 2250 Lin Alg, Diff Equa 45 F, Sp MATH 1120

MATH 2270 Linear Algebra 4 F MATH 1220

MATH 2280 Diff Equations 4 Sp MATH 2270

NOTE: Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hel002a.html.

**required to transfer to UVU and SUU.

**required to transfer to SUU.

### Sample Schedule

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1010</td>
<td>MATH 1120</td>
</tr>
<tr>
<td>MATH 1210</td>
<td>ENGL 2010</td>
</tr>
<tr>
<td>ENGL 1010</td>
<td>DISTRIBUTION 6</td>
</tr>
<tr>
<td>AMERICAN INST</td>
<td>STUDENT CHOICE 3</td>
</tr>
<tr>
<td>DISTRIBUTION 3</td>
<td>TOTAL 16</td>
</tr>
<tr>
<td>TOTAL 16</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2210</td>
<td>MATH 2280</td>
</tr>
<tr>
<td>MATH 2270</td>
<td>PHYS 2220</td>
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<tr>
<td>PHYS 2210</td>
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<tr>
<td>ELECTIVE 2</td>
<td>ELECTIVE 3</td>
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<tr>
<td>TOTAL 16</td>
<td>TOTAL 15</td>
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### Departmental Offerings

<table>
<thead>
<tr>
<th>Course</th>
<th>CR</th>
<th>SEM</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1010 Intern Algebra</td>
<td>4</td>
<td>A</td>
<td>MATH 0990 and RDG 0990 w/C or better or appropriate placement</td>
</tr>
</tbody>
</table>

### Medical Assistant

**Estimated costs for program**

- Books: $350
- Student Kits (MA 1600): $45
- Uniforms/Scrubs: $200
- Lab Fees: $56
- Optional Certification Exam: $145
- LPRT Exam: $140

JCHSC 120D, (801) 957-4090
General Information (801) 957-6215
Academic Advisor JCHSC 047E (801) 957-4407
www.slcc.edu/medicalassistant

Assistant Professors: Diana Carroll, Lori Rager-Anderson, Jana Tucker

**The Program**

Medical assistants are trained primarily to work in doctors' offices, clinics or health maintenance facilities. As members of an allied health care profession, their role is to assist with care and treatment of patients in both administrative and clinical procedures. Medical Assistant Program graduates possess entry-level skills in all administrative and clinical practices. They also receive extensive training in advanced competencies of the multi-skilled practitioner. As a result, graduates are of immediate value to the physician/employer. Emphasis is placed on development and understanding of personal and professional relationships.

Students complete a 200-hour unpaid leave at a primary health care facility upon completion of the course work. Students must demonstrate efficiency by passing competencies required in the program and successfully complete CPR certification before placement in an externship. Students must return ALL externship evaluations and hours (records) properly signed by externship supervisor and student to the externship coordinator of the medical assistant program. Only upon successful completion of the program and externship with a C (54%) or better, and receipt of all externship records, will the student receive the one-year certificate.

The Salt Lake Community College Allied Health Medical Assistant Program is accredited by CAAHEP (Commission on Accreditation of Allied Health) and the AAMA (American Association of Medical Assistants) Chicago, IL. The MAERB (Medical Assisting Education Review Board) has established thresholds for outcome assessments in medical assistant programs accredited by CAAHEP, one of which is successfully passing the CMA (Certified Medical Assistant) exam with an overall score of 70% or better. Beginning Fall of 2009 all program graduates will be required to take this exam within five years of completion of the program.

**Health and Safety Preparation**

Students in the medical assistant program must meet the same health and safety requirements that the participating facilities require of their own employees. These requirements must be initiated before beginning any clinical course work. These requirements include:

- Immunizations or evidence of:
  1. Tetanus booster within past 10 years
  2. MMR (two)
3. Negative tuberculosis skin test within one year of enrollment in medical assistant program*  

4. Heptra-vax series, as follows:  
   Initial injection  
   2nd injection one month after the first  
   3rd injection six months after the first  

5. Specific information will be given to accepted students by program faculty regarding testing sites that have been approved by SLCC for both drug-screening test and criminal background check. The expenses of these requirements are additional student costs.  

The clinical placement agencies make the final determination about accepting students for placement in their facility, and may decline to have students placed at their facility, based on the criminal background record of the student. The latter may cause the student not to be able to complete all of the program requirements.  

In addition, it will be the responsibility of the student to contact the licensing agency and seek advice regarding eligibility for licensure and requirements needed to progress in this profession, if the criminal background check discloses issues of concern.  

* If a student has a positive TB skin test, a negative chest X-ray and release form are required.  

### GENERAL COLLEGE ADMISSION  
SLCC does not have minimum required test scores for admission; however, admission to the MA program requires the minimum placement scores outlined below:  

1. Submit Application for Admission as a Matriculated Student to Enrollment Services.  
2. Pay general college application fee.  
3. Complete ACT or Accuplacer placement test. This test may be waived at the discretion of the Health Sciences Academic Advisor on the basis of previous college coursework.  
4. High school graduation or equivalent.  
5. Math and English placement. Copies of qualifying test scores must be submitted to the medical assistant department before course work can begin.  
   a. Math Qualifications (one of the following)  
      1) ACT Math score 15-17 within one year, placement into MATH 0990, course is not required  
      2) Accuplacer Math score 75+ within one year, placement into MATH 0990, course is not required  
      3) Accuplacer score 35-74 requires student to take MATH 0950 in first semester in addition to required program first  
   b. English Qualifications (one of the following)  
      1) AP English credit—must be listed on SLCC transcript  
      2) CLEP English credit must be listed on SLCC transcript  
      3) Accuplacer score 20 or ACT score 81 needed to place in ENG 1010  

### SPECIAL NOTE FOR TRANSFER STUDENTS  
Transcripts from other colleges or universities submitted with application are subject to the following policies:  

1. Transcripts must be official (sealed and sent by the issuing institution) and must be sent to the Medical Administrative Assistant Coordinator. Transcripts submitted to Enrollment Services must remain in the main college records office, so a second set must be sent.  

2. Transfer credits and course grades are considered only on completed course in which grades are received, not on courses in progress.  

The program will start a group of students each semester.  

Satisfactory progress through the MA program requires attendance in both theory and clinical sections. Students should complete their planned curriculum in sequential order without interruption. Successful completion of the program leading to graduation requires that all listed classes show a 74% or better.  

### PREREQUISITES  
It is the student’s responsibility to examine each course description for details on prerequisite courses. Those prerequisites must be satisfied before designated courses can be taken. Students must comply with prerequisites stated above.  

### CLASS AVAILABILITY  
The students should check the semester class schedule for availability and modifications caused by varying enrollment.  

### HUMAN RELATIONS, COMPUTATION, AND COMMUNICATION  

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
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<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>PSY 1100 Human Growth</td>
<td>3</td>
<td>A</td>
<td>none</td>
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<tr>
<td>MA 1100 Med Terminology</td>
<td>2</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>MA 1200 Med Off Mgmt</td>
<td>4</td>
<td>A</td>
<td>proof of word processing proficiency</td>
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<tr>
<td>MA 1210 Med Off Mgmt</td>
<td>2</td>
<td>A</td>
<td>w/ MA 1200</td>
</tr>
<tr>
<td>MA 1300 Clinical Pharmcgy</td>
<td>4</td>
<td>A</td>
<td>MA 1100, MA 1420, w/MA 2420</td>
</tr>
<tr>
<td>MA 1310 Phleb/Admin of Meds</td>
<td>2</td>
<td>A</td>
<td>MA 1200/1210, MA 1420</td>
</tr>
<tr>
<td>MA 1420 Clinical Phrology</td>
<td>3</td>
<td>A</td>
<td>w/ MA 1100</td>
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<tr>
<td>MA 1600 Patient Care</td>
<td>2</td>
<td>A</td>
<td>MA 1100, MA 1420, w/MA 2420</td>
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<tr>
<td>MA 1610 Patient Care</td>
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<td>A</td>
<td>MA 1100, MA 1420</td>
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<tr>
<td>MA 2240 Med Off Com</td>
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<td>A</td>
<td>MA 1100, MA 1200, MA 1210, w/MA 2420</td>
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<td>MA 2300 Med Coding Pro</td>
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<td>A</td>
<td>MA 1100, MA 1420</td>
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<td>MA 2420 Clinical Phrology II</td>
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<td>A</td>
<td>MA 1420</td>
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<td>MA 1420, MA 2420, instructor’s approval</td>
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<tr>
<td>MA 2570 Radiology</td>
<td>3</td>
<td>A</td>
<td>w/MA 2540</td>
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<tr>
<td>MA 2600 Adv Patient Care</td>
<td>2</td>
<td>A</td>
<td>MA 2420, MA 1600, w/MA 2620, MA 1310</td>
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<tr>
<td>MA 2610 Adv Patient Care</td>
<td>4</td>
<td>A</td>
<td>Successful completion of all required courses in the program w/C (C,90) or better</td>
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### ADDITIONAL DEPARTMENT OFFERINGS  

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<thead>
<tr>
<th>COURSE</th>
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</thead>
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<td>MA 2310 Adv Code</td>
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<td>F, Sp</td>
</tr>
<tr>
<td>MA 2990 Special Studies</td>
<td>7</td>
<td>F, Sp</td>
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</table>
SAMPLE SCHEDULE

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<th>SECOND SEMESTER</th>
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</tr>
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<td>MA 1310</td>
</tr>
<tr>
<td>MA 1210</td>
<td>MA 1600</td>
</tr>
<tr>
<td>MA 1420</td>
<td>MA 1610</td>
</tr>
<tr>
<td>PSY 1100</td>
<td>MA 2240</td>
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<tr>
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<td>MA 2420</td>
</tr>
<tr>
<td>MA 2540</td>
<td>MA 2600</td>
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<tr>
<td>MA 2550</td>
<td>MA 2610</td>
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<tr>
<td>MA 2600</td>
<td>MA 2810</td>
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<tr>
<td>TOTAL</td>
<td>18</td>
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</tbody>
</table>

THIRD SEMESTER

| MA 2300        | MA 2420         |
| MA 2540        | MA 2600         |
| MA 2550        | MA 2610         |
| MA 2600        | MA 2810         |
| TOTAL          | 18              |

MEDICAL CODING AND BILLING
SEE SCHOOL OF APPLIED TECHNOLOGY.

MOTORCYCLE CTE AND OUTDOOR POWER EQUIPMENT TECHNOLOGY

A credit-bearing certificate program is available under Automotive and Related Technology. See page 109.

MUSIC

SEE ALSO FINE ARTS.

South City Campus (801) 957-4130
General Information (801) 957-4073
Academic Advisor SC 240 (801) 957-4294
www.slcc.edu/performingarts

Associate Professor: Lyle Archibald
Assistant Professors: Thomas Baggely, Craig Ferrin.

THE PROGRAM

The Music Department offers a two-year program of music education for students planning to major in music at a four-year institution as well as the student who is interested in improving their individual musical knowledge and abilities.

Departmental offerings include music theory, conducting, MIDI technology (computer/synthesizer), songwriting, music history and music appreciation. The Department also offers opportunities to develop individual music skills in a variety of instruments, piano and voice as well as performing experience in auditioned and non-auditioned ensembles.

The Music Department faculty supports high standards in music education; they encourage and mentor individual students to attain their highest potential.

TRANSFER INFORMATION

Music majors planning to transfer to a four-year institution will be required to pass a vocal or instrumental proficiency exam. It is strongly encouraged that students take 45-minute private lessons each semester in voice or their instrument of study to prepare for this exam.

PREREQUISITES

It is the student’s responsibility to examine each course description for details of prerequisites for each class. Those prerequisites must be satisfied before the designated class may be taken. Beginning music students who are learning basic music theory should enroll in MUSC 1100 together with MUSC 1110 and MUSC 1130.

BOOKS AND SUPPLIES

Cost of supplies and texts are comparable with other General Education classes at approximately $40 per text. Some courses require additional fees or may require concert attendance.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 61 hours required)

GENERAL EDUCATION REQUIREMENTS

CORE SKILLS

<table>
<thead>
<tr>
<th>COMPOSITION COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 2010 Intern Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
</tbody>
</table>

QUANTITATIVE LITERACY

| MATH 1030 Quant Reas     | 3  | A   | MATH 1010 w/C or better |

OR

| MATH 1040 Statistics     | 3  | A   | MATH 1010 or appropr CPT score |

OR

| MATH 1050 College Algebra | 4  | A   | MATH 1010 or appropr CPT score |

AMERICAN INSTITUTIONS (3 CREDITS)

| ECON 1740 Econ Hist of US | 3  | A   | RDG 0990 w/C or better |

OR

| HIST 1700 Amer Civilization | 3  | A   | RDG 0990 w/C or better |

OR

| POLS 1110 US Gov & Politics | 3  | A   | RDG 0990 w/C or better |

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLAC</td>
<td>1</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

<table>
<thead>
<tr>
<th>Biological Science (BS)</th>
<th>3</th>
<th>A</th>
<th>RDG 0990 w/C or better</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fine Arts (FA)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Humanities (HU)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Interdisciplinary (ID)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Physical Science (PS)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Social Science (SS)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUSC 1010</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>MUSC 1100</td>
<td>3</td>
<td>A</td>
<td>MUSC 1110</td>
</tr>
<tr>
<td>MUSC 1120</td>
<td>3</td>
<td>A</td>
<td>MUSC 1110</td>
</tr>
<tr>
<td>MUSC 1130</td>
<td>1</td>
<td>A</td>
<td>MUSC 1140</td>
</tr>
<tr>
<td>MUSC 1140</td>
<td>1</td>
<td>A</td>
<td>MUSC 1140</td>
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<tr>
<td>*MUSC 1270</td>
<td>1</td>
<td>A</td>
<td>MUSC 1150</td>
</tr>
<tr>
<td>*MUSC 1370</td>
<td>1</td>
<td>A</td>
<td>MUSC 1150</td>
</tr>
<tr>
<td>*MUSC 1580</td>
<td>1</td>
<td>A</td>
<td>MUSC 1150</td>
</tr>
</tbody>
</table>

See page 207 for options in each of these categories.
MUSC 2110 Music Theory III 3 F MUSC 1120, w/MUSC 2130
MUSC 2120 Music Theory IV 3 Sp MUSC 2110, w/MUSC 2140
MUSC 2130 SS and Ear III 1 F MUSC 1140, w/MUSC 2110
MUSC 2140 SS and Ear IV 1 Sp MUSC 2130, w/MUSC 2120
MUSC 2350 Basic Conducting 2 Sp MUSC 1120

*One of these courses must be taken each semester for four semesters (four credits). Students may also use MUSC 1390 and MUSC 1450 to fulfill the four credits.

**NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information.

DEPARTMENTAL OFFERINGS COURSE CR SEM PREREQUISITES
MUSC 0990 Recital Attend 0 A none
MUSC 1010 Intro to Music 3 A none
MUSC 1030 Survey of Jazz 3 none
MUSC 1040 Surv/Am Pop Music 3 none
MUSC 1050 Songwriting I 2 F, Sp none
MUSC 1060 Songwriting II 2 Sp MUSC 1050
MUSC 1080 Intro to World Music 3 none
MUSC 1090 Bridging the Arts 3 A none
MUSC 1100 Intro Mus Theory 2 F, Sp none
MUSC 1110 Music Theory I 3 A w/MUSC 1130
MUSC 1120 Music Theory II 3 Sp MUSC 1110, w/MUSC 1140
MUSC 1130 SS and Ear I 1 A w/MUSC 1110
MUSC 1140 SS and Ear II 1 Sp MUSC 1130, w/MUSC 1120
MUSC 1145 Intro to Piano 2 F none
MUSC 1170 Group Piano I 1 F, Sp none
MUSC 1180 Group Piano II 1 Sp MUSC 1150
MUSC 1310 Group Voice I 2 A none
MUSC 1320 College Chorale 1 F, Sp none
MUSC 1360 College Chorale 0 F, Sp none
MUSC 1370 Concert Choir 1 F, Sp audition
MUSC 1380 Chamber Singers I 1 F, Sp audition
MUSC 1390 South City Jazz 1 F, Sp audition
MUSC 1450 Brun Band 1 TBA none
MUSC 1460 Chamber Orchestra 1 F, Sp audition
MUSC 1470 Jazz Band 1 F, Sp none
MUSC 1480 Guitar Ensemble 1 F, Sp audition
MUSC 1500 Music and Tech (ID) 3 A none
MUSC 1510 Desktop Music Publishing 3 F, Sp MUSC 1100 or equiv proficiency
MUSC 1515 Basic Audio Production 3 A none
MUSC 1520 Intro to MIDI 3 A none
MUSC 1530 Music Recording Technique 4 Sp MUSC 1515 or instructor approval
MUSC 1540 MIDI II 3 A MUSC 1520
MUSC 1610 Group Guitar I 2 A none
MUSC 1620 Group Guitar II 2 F, Sp none
MUSC 1660 Frbrbd Theory I 2 F none
MUSC 1670 Frbrbd Theory II 2 Sp MUSC 5660
MUSC 1710 Priv Guitar/Bass (nonMaj) 1 A None
MUSC 1712 Priv Guitar/Bass (MusEdMaj) 1 A Audition
MUSC 1713 Priv Guitar/Bass (Perf Maj) 2 A Audition
MUSC 1720 Priv Strings (nonMaj) 1 A None
MUSC 1722 Priv Strings (MusEdMaj) 1 A Audition
MUSC 1725 Priv Strings (Perf Maj) 2 A Audition
MUSC 1730 Priv Piano (nonMaj) 1 A None
MUSC 1732 Priv Piano (MusEdMaj) 1 A Audition
MUSC 1735 Priv Piano (Perf Maj) 2 A Audition
MUSC 1740 Priv Brass (nonMaj) 1 A None
MUSC 1742 Priv Brass (MusEdMaj) 1 A Audition
MUSC 1745 Priv Brass (Perf Maj) 2 A Audition
MUSC 1750 Priv Voice (nonMaj) 1 A None
MUSC 1752 Priv Voice (MusEdMaj) 1 A Audition
MUSC 1755 Priv Voice (Perf Maj) 2 A Audition
MUSC 1760 Priv Woodwind (nonMaj) 1 A None
MUSC 1762 Priv Windwind (MusEdMaj) 1 A Audition
MUSC 1765 Priv Windwind (Perf Maj) 2 A Audition
MUSC 2100 Fund Conducting 2 Sp MUSC 1120
MUSC 2110 Music Theory III 3 F MUSC 1120, w/MUSC 2130
MUSC 2130 SS and Ear III 1 F MUSC 1140, w/MUSC 2110
MUSC 2120 Music Theory IV 3 Sp MUSC 2110, w/MUSC 2140
MUSC 2140 SS and Ear IV 1 Sp MUSC 2130, w/MUSC 2120
MUSC 2900 Special Topics 1-3 F, Sp approval

NAVAJO SEE LANGUAGE AND CULTURE.

NETWORK ADMINISTRATOR (MCITPSA) SEE SCHOOL OF APPLIED TECHNOLOGY.

NETWORK ENGINEER SEE SCHOOL OF APPLIED TECHNOLOGY.

NETWORK SYSTEMS ENGINEER SEE COMPUTER SCIENCE.
NON-DESTRUCTIVE TESTING TECHNOLOGY

Estimated cost of books and supplies for program  $350

Meadowbrook Campus
International Airport Center (801) 957-4448
General Information (801) 957-4973
Academic Advisor CT 218 (801) 957-4550

Instructor: Mark J. Sabolik

THE PROGRAM

The non-destructive testing program offers students the opportunity for a career in a progressive new field with many diverse job opportunities and excellent entry-level salaries.

Non-destructive testing involves the examination of an object in any manner that will not impair its future usefulness. The six major NDT methods, radiography, ultrasonics, eddy current, magnetic particle, liquid penetrant and visual inspection, are used in a variety of industries including aerospace, petro-chemical, automotive, metals, non-metals, nuclear, marine, electronics, construction, aircraft, materials joining, utilities and many others. Students learn to perform the basic testing techniques on both metals and non-metals, such as synthetics and composites, as well as how to evaluate results and write final reports. Learning will be enhanced through field trips to area businesses and presentations by guest speakers.

During the first two semesters in NDT, the training will focus on basic manufacturing and materials-joining processes, including visual inspection, magnetic particles and liquid penetrant techniques. The third and fourth semesters will include eddy current, radiography and ultrasonics. The third and fourth semesters are dedicated to advanced study of these testing methods as well as computer application in NDT.

Any course offered in this program can be taken as part of the vocational/technical electives for an associate of science degree in general studies.

General Education and elective courses provide training in effective oral and written communication, human relations skills, communication skills and team building.

PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of the first-semester courses should plan on extra time to complete the program.

PREREQUISITES

It is the student's responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY

Students should check the semester class schedule for day/ evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED SCIENCE CTE

DEGREE IN NON-DESTRUCTIVE TESTING TECHNOLOGY

(minimum 64 hours required)

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>CORE SKILLS</th>
<th>COMPOSITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
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</table>

QUANTITATIVE STUDIES

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1030 Quant Reas</td>
<td>3</td>
<td>A</td>
<td>MATH 1010 w/C or better</td>
</tr>
</tbody>
</table>

COMMUNICATION

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1010 Elem of Ef Comm</td>
<td>3</td>
<td>A</td>
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HUMAN RELATIONS

<table>
<thead>
<tr>
<th>COURSE</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>LE 1250 Human Relation</td>
<td>3</td>
<td>A</td>
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</table>

DISTRIBUTION AREAS

Choose an additional three credits from one of the following distribution areas:

- Biological Science (BS)
- Fine Arts (FA)
- Humanities (HU)
- Interdisciplinary (ID)
- Physical Science (PS)
- Social Science (SS)

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
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<th>SEM</th>
<th>PREREQUISITES</th>
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<tr>
<td>ENGL 1100 Intro to NDT</td>
<td>3</td>
<td>TBA</td>
<td>W/IND 1120</td>
</tr>
<tr>
<td>NDT 1114 Ultrasonics I</td>
<td>3</td>
<td>TBA</td>
<td>W/IND 1200</td>
</tr>
<tr>
<td>NDT 1115 Ultrasonics I Lab</td>
<td>1</td>
<td>TBA</td>
<td>W/NDT 1114</td>
</tr>
<tr>
<td>NDT 1120 Magnetic Part</td>
<td>1</td>
<td>TBA</td>
<td>W/IND 1210</td>
</tr>
<tr>
<td>NDT 1121 Eddy Current I</td>
<td>3</td>
<td>TBA</td>
<td>W/NDT 1210</td>
</tr>
<tr>
<td>NDT 1123 Eddy Cure I Lab</td>
<td>1</td>
<td>TBA</td>
<td>W/NDT 1212</td>
</tr>
<tr>
<td>NDT 1130 Radiography Saf</td>
<td>3</td>
<td>TBA</td>
<td>W/NDT 1220</td>
</tr>
<tr>
<td>NDT 1132 Radiography I</td>
<td>3</td>
<td>TBA</td>
<td>W/NDT 1230</td>
</tr>
<tr>
<td>NDT 1133 Radiography I Lab</td>
<td>1</td>
<td>TBA</td>
<td>W/NDT 1232</td>
</tr>
<tr>
<td>NDT 1210 Liquid</td>
<td>2</td>
<td>TBA</td>
<td>W/NDT 1211</td>
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<tr>
<td>NDT 1211 Liquid Penetrant</td>
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<tr>
<td>NDT 1213 Ultrasonics II</td>
<td>3</td>
<td>TBA</td>
<td>W/NDT 1200</td>
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<tr>
<td>NDT 1214 Ultrasonics II Lab</td>
<td>1</td>
<td>TBA</td>
<td>W/NDT 1214</td>
</tr>
<tr>
<td>NDT 1222 Eddy Current II</td>
<td>3</td>
<td>TBA</td>
<td>W/NDT 1222</td>
</tr>
<tr>
<td>NDT 1223 Eddy Cure II Lab</td>
<td>1</td>
<td>TBA</td>
<td>W/NDT 1223</td>
</tr>
<tr>
<td>NDT 1225 Codes &amp; Proceed</td>
<td>2</td>
<td>TBA</td>
<td>W/NDT 1222</td>
</tr>
<tr>
<td>NDT 1227 Radiography II</td>
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<td>TBA</td>
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<tr>
<td>NDT 1233 Radiography II Lab</td>
<td>1</td>
<td>TBA</td>
<td>W/NDT 1233</td>
</tr>
<tr>
<td>NDT 1234 Adv NDT Concp</td>
<td>3</td>
<td>TBA</td>
<td>W/NDT 1233</td>
</tr>
<tr>
<td>WLD 1005 Related Welding</td>
<td>3</td>
<td>A</td>
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<tr>
<td>WLD 1260 Blueprint Read</td>
<td>3</td>
<td>F</td>
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SAMPLE SCHEDULE

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<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
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<tbody>
<tr>
<td>NDT 1110</td>
<td>NDT 1010</td>
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<td>NDT 1114</td>
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<td>NDT 1124</td>
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<td>NDT 1125</td>
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<tr>
<td>COMM 1010</td>
<td>ENGL 1010</td>
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<tr>
<td>LE 1220</td>
<td>IND 1120</td>
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<tr>
<td>TOTAL 16</td>
<td>TOTAL 17</td>
</tr>
<tr>
<td>OR</td>
<td>OR</td>
</tr>
<tr>
<td>MATH 1030</td>
<td></td>
</tr>
<tr>
<td>TOTAL 18</td>
<td></td>
</tr>
</tbody>
</table>

NURSE ASSISTANT (CERTIFIED)

SEE SCHOOL OF APPLIED TECHNOLOGY.
NURSING

In addition, it will be the responsibility of the student to contact the licensing agency and seek advice regarding eligibility for licensure and requirements needed to progress in this profession, if the criminal background check discloses issues of concern.

The Program offers an LPN transition course (NSG 1800/1805) at the completion of the first year. This is for students who choose to complete their LPN licensure.

The nursing program faculty believe that didactic and clinical are integrated. The didactic informs clinical practice and clinical practice informs the didactic for corresponding courses. Therefore any student failing clinical will receive no better than a "C" grade in the corresponding didactic course. Any student earning below a "C+" in didactic will receive no better than a "C" grade in the corresponding clinical course. In the event that either didactic or clinical are not passed with a "C+" or better, both corresponding didactic and clinical courses will have to be repeated concurrently.

Students accepted into the nursing program must meet the same health and safety requirements as the participating clinical facilities require of their own employees. These requirements must remain current during the entire program.

ADMISSION PROCESS

The following admission criteria must be met before the applicant will be accepted into the program.

1. Be admitted through the SLCC Enrollment Services (SC 220) as matriculated student declaring a major in Health Sciences with an emphasis in pre-nursing.
2. High School graduate or equivalent. Submit OFFICIAL, SEALED transcripts for ALL colleges and universities where prerequisites course work has been completed. Send to Enrollment Services, SC 220 (see Note below).
3. Program course prerequisites are as follows (all must be completed with a C+ or better):
   a. MATH 1020: Math for Health Disciplines (This math course meets the General Education requirements for AAS degree nursing students. Students seeking an AS degree or transferring for BSN completions will require additional math classes)
   b. BIOL 1610/1615: College Biology I and Lab
   c. BIOL 2320/2325: Human Anatomy and Lab
   d. BIOL 2420/2425: Human Physiology and Lab
   e. CHEM 1110/1115: Elementary Chemistry and Lab.
4. Submit Nursing Program application. Current applications are available in the Health Sciences Admissions, JHS 047 or online. Students will receive a letter indicating acceptance into the Nursing program if the student has successfully completed requirements 1-4.

CO-REQUISITES

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisite classes must be satisfied before the designated class may be taken.

Applicants are admitted into the nursing program without discrimination or harassment based on beliefs, sex, national origin, age, pregnancy, or marital status. Students with disabilities can be admitted to the nursing program, if they can meet nursing program performance objectives with reasonable accommodations.

Students must complete a Certification in Nursing Assistant (CNA) before starting the nursing program. This requirement is a prerequisite to the Fundamentals of Nursing (NSG 1350/1355).
Students are encouraged to complete the required support courses prior to the beginning of the nursing program, including PSY 1100 or FHS 1500, HILTH 1020, and ENGL 1010. The co-requisite courses must be completed with a C+ or better.

(Note: PSY 1100 is recommended for students planning to fulfill the A.S degree requirements. Either PSY 1100 or FHS 1500 fulfills the AAS degree requirements).

PRIOR TO BEGINNING THE FIRST SEMESTER, NURSING MAJORS MUST PROVIDE PROOF OF THE FOLLOWING:

- Annual Influenza vaccination (generally given September–February) is HIGHLY RECOMMENDED. Students must provide proof of the Influenza vaccination or submit a signed declination.

- Tetanus, Diphtheria, and Pertussis (Tdap) booster needed; good for 10 years. Td will be given subsequent to Tdap. If it has been more than 1 1/2 years since receiving Td, students must have their tetanus updated with a Tdap.

- Measles, Mumps, Rubella (MMR) 2 doses are needed or positive titres on all three. Equivocal results are not acceptable. Students must test in the positive range. (Titres: a positive test result means a student has immunity). Usually the first dose is given at infancy and the second at pre-school. Note: If given to adult females, since this is a live virus, students cannot be pregnant at the time they receive the immunization and must avoid pregnancy for 3 months after administration.

- Varicella (Chicken Pox): Two immunizations or proof of a positive titre. Stating had disease is not acceptable. Varicella immunizations are expensive, if students have had the disease they may want to start with a less expensive titre first for proof of immunity before starting the immunizations.

- Hepatitis B vaccination series – Students must provide proof of 3 traditional dose series or a 4 accelerated TwinRX series. The first dose must be completed prior to beginning the Nursing program or proof of positive immunity (TITRE). The entire series must be completed within one year of starting the nursing program.

- Hepatitis A vaccination series – two dose series, TwinRx series, or positive TITRE. Highly recommended. If students start the series they must complete it.

PLEASE DO NOT COMPLETE THE FOLLOWING UNTIL AFTER ATTENDING NURSING ORIENTATION:

- Current CPR certification – American Heart Association Health Care Provider or American Red Cross two-year Health Care Provider.

- Tuberculosis (PPD Skin Test) If there is history of a prior positive result then the student will need to bring in proof of their last negative Chest X-ray. This requirement also includes international students who have had the BCG immunization.

- Specific information will be given to accepted students by program faculty regarding testing sites that have been approved by SLCC for both drug-screening test and criminal background check. The expenses of these requirements are additional student costs.

The clinical placement agencies make the final determination about accepting students for placement in their facility, and may decline to have students placed at their facility, based on the criminal background record of the student. The latter may cause the student not to be able to complete all of the program requirements.

In addition, it will be the responsibility of the student to contact the licensing agency and seek advice regarding eligibility for licensure and requirements needed to progress in this profession, if the criminal background check discloses issues of concern.

TRANSFER INFORMATION - RN - BS: UNIVERSITY OF UTAH

The University of Utah offers a Nursing Bachelor's degree via an internet program for former SLCC students who have completed their Associate of Science in Health Science with an RN emphasis. Students may apply for this option via the U of U College of Nursing (CON).

- We strongly encourage interested students to consult with either the SLCC RN program advisor, Deron Hutchinson at (801) 957-4978 or a University Center academic advisor at (801) 957-4734.

- For further information and requirements see the University Center web site at www.slcc.edu/universitycenter

SPECIAL NOTE FOR TRANSFER STUDENTS:
Transcripts from other colleges or universities must be official (sealed and sent by the issuing institution) and must be sent directly to:

SLCC ENROLLMENT SERVICES
4600 SOUTH REDWOOD ROAD
P.O. BOX 30808
SALT LAKE CITY, UTAH 84130-0808

ASSOCIATE OF APPLIED SCIENCECTE DEGREE IN NURSING

(minimum 72 hours required)

Student who anticipate transferring to a four year institution in pursuit of a (BSN) Bachelor's of Science in Nursing should also refer to The Associate of Science degree in Health Sciences w/ Nursing Option, on page 190 of this catalog.

These student should also consult with an Academic Advisor for assistance with planning

This section outlines the General Education requirements for the Associate of Applied Science (AAS). In addition to the credits outlined below, students will need to complete additional credits in their academic program to graduate with an AAS degree.

ADMISSION PREREQUISITES

The following courses must be completed before beginning the nursing program. Courses must be completed with a C+ or better.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1610 College Biology I</td>
<td>4</td>
<td>A</td>
</tr>
<tr>
<td>BIOL 2320 Human Anatomy</td>
<td>4</td>
<td>A</td>
</tr>
<tr>
<td>MATH 1020 Math F/Hlth Discp</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>BIOL 2420 Human Physlgy</td>
<td>4</td>
<td>A</td>
</tr>
<tr>
<td>CHEM 1100 Elem Chemistry</td>
<td>4</td>
<td>A</td>
</tr>
<tr>
<td>CHEM 1115 Elem Chem Lab</td>
<td>1</td>
<td>A</td>
</tr>
</tbody>
</table>

PREREQUISITES (Placement Required)

With C or better in Math 1020 or 0990 or equivalent CPT/ACT placement score AND C or better in RDG 0950 or equivalent CPT/ACT placement score. Concurrent w/BIOL 1615 (lab)

BIOL 1610 w/BIOL 2325 (Lab)

BIOL 1610 w/BIO 2425 (Lab)

MATH 0920 or MATH 0950 or appropriate CPT score
## GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
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<tr>
<td>BIOL 1610 College Biology I</td>
<td>4</td>
<td>A</td>
<td>required</td>
</tr>
<tr>
<td>BIOL 2320 Human Anatomy</td>
<td>4</td>
<td>A</td>
<td>BIOL 1610 or BIOL 1615 (Lab)</td>
</tr>
<tr>
<td>BIOL 2420 Human Physlgy</td>
<td>4</td>
<td>A</td>
<td>BIOL 1610 or BIOL 2325 (Lab)</td>
</tr>
<tr>
<td>CHEM 1110 Elem Chemistry</td>
<td>4</td>
<td>A</td>
<td>CHEM 1115 Concurrent w/ CHEM 1110</td>
</tr>
<tr>
<td>CHEM 1115 Elem Chem Lab</td>
<td>1</td>
<td>A</td>
<td></td>
</tr>
</tbody>
</table>

*Required for students planning to take PN licensure exam.

## COMMUNICATION

The philosophy of the Nursing Program contains communication as a curriculum thread. Courses integrate communication into content presented in the classroom and clinical settings. Students learn basic communication skills in the beginning level courses. Additional content is added with each course, including group dynamics, group communication, therapeutic and non-therapeutic patterns of communication.

## HUMAN RELATIONS

Human relations training is embedded within the nursing curriculum. Human needs and interpersonal relationships are constant with each patient/nurse relationship and is threaded throughout the nursing curriculum.

## DISTRIBUTION AREAS

Required distribution hours are fulfilled by completing the following courses, required for the Nursing AAS:

<table>
<thead>
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*Required for students planning to take PN licensure exam.

## ADDITIONAL OFFERINGS

SPIN-OFF COURSE

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*Required for students planning to take PN licensure exam.

## SAMPLE SCHEDULE

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To maintain a position in the program after starting nursing courses, students must be continually enrolled and complete all core nursing classes in sequence, as well as maintain a grade of C+ or better in all courses.

Successful completion of the Competency Exams is a program and graduation requirement.

ADVANCED PLACEMENT IN NURSING
The program also offers an Advanced Placement option. This is for students who have completed a practical nursing program and are licensed as a practical nurse in Utah.

ADMISSION PROCESS FOR ADVANCED PLACEMENT
Students seeking admission into the advancement placement program must meet the following requirements:

1. SLCC PN graduation requirements including General Education and science support classes.
2. Demonstrate competency in specified areas by satisfactory score on standard exam.
3. Graduation from a state approved practical nursing program. SLCC retains the right to re-evaluate or retest students coming from non-NLNAc accredited programs. Official transcripts from all colleges or universities are sent directly to Enrollment Services, SC220. Transfer credits calculated only from complete courses in which a grade was received, not on course-in-progress.
4. A grade of C in science support classes may be waived if benchmark on standardized exam is exceeded (LPN).
5. Current LPN License (original not copy). Final acceptance into the Nursing program is subject to completing additional criteria as follows:
6. Specific information will be given to accepted students by program faculty regarding testing sites that have been approved by SLCC for both drug-screening test and criminal background check. The expenses of these requirements are additional student costs.

   The clinical placement agencies make the final determination about accepting students for placement in their facility, and may decline to have students placed at their facility, based on the criminal background record of the student. The latter may cause the student not to be able to complete all of the program requirements.

   In addition, it will be the responsibility of the student to contact the licensing agency and seek guidance in completing any requirements to progress in this profession, if the criminal background check discloses issues of concern.

7. Transition to RN (NSG 1900) may be completed before entry, but must be completed before the end of the Medical Surgical Nursing II Theory and Clinical (NSG 2200/2205) course.

Application forms to nursing are available in SLCC Enrollment Services (SC220). Applicants must submit ALL documentation verifying qualifications, with the exception of a reference letter, with the application. Enrollment is limited and determined by available clinical instruction sites.

**NUTRITION ASSISTANT**
**SEE SCHOOL OF APPLIED TECHNOLOGY**

**OSHA TRAINING**
**SEE ENVIRONMENTAL TECHNOLOGY AND SCHOOL OF APPLIED TECHNOLOGY.**

**OCCUPATIONAL THERAPY ASSISTANT**

| Text books, references, memberships, supplies | $1200 |
| Lab fee per semester (Semester I, II, II only) | $50 ($150 Total) |
| Criminal Background Check/Drug Testing | $70 |
| Graduation Fee | $35 |
| National Certification Exam | $495 |
| Licensing and exam | $110 |

Jordan Campus, JCHSC Building (801) 957-4394, (801) 957-4394
General Program Information (801) 957-4098
Academic Advisor JCHSC 047E (801) 957-4497
www.slcc.edu/ota

Associate Professor: Brenda Lyman
Instructor: Diane Peake

THE PROGRAM
Occupational Therapy is a health profession that provides services to children and adults of all ages whose lives have been disrupted by physical injury or illness, developmental problems, the aging process and/or psychosocial dysfunction. Occupational Therapy Assistants use occupation and purposeful activity with clients/patients to help them reach their maximum level of independence. Specific tasks may include daily living skill training, fabrication of adaptive equipment, leading individual and group treatment activities, adapting home environments, ADA architectural accessibility standards, enabling computer access for the disabled, cognitive retraining, improving development of gross/fine motor skills and activities that enhance quality of life. Graduates will receive an Associate of Applied Science degree after successful completion of academic and fieldwork experiences.

This program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE), 4720 Montgomery Lane, PO. Box 31220, Bethesda, MD 20814-3425, (301) 652-2682, (301) 652-7711 (FAX), (800) 377-8555 (TTY). Graduates will be prepared to take the national certification examination administered by the National Board for Certification in Occupational Therapy, Inc (NBCOT). After successful completion of the exam, the individual will be certified. Occupational therapy assistant (COTA) and eligible for fieldwork state licensure which is required to practice in Utah. Students with a history of a misdemeanor or felony may not be eligible for fieldwork placements, service learning requirements, state licensure or national certification and should contact the program coordinator before enrolling in classes.

Work include settings such as acute care hospitals, rehabilitation centers, psychiatric hospitals, community living facilities, home health agencies, community mental health centers, school systems, nursing homes, burn centers and rehabilitation clinics employ COTAs. Specialty areas of practice can be pursued by the graduate which may include pediatrics, geriatrics, physical dysfunction, psychiatry and assistive technology. COTAs work under the supervision of licensed, occupational therapists.

The Occupational Therapy Assistant program is an engaged service learning program. Service learning requirements are embedded in coursework. Students are required to spend 150 hours or more involved in service learning. Students may be required to attend conferences and out-of-state activities. The expenses of these requirements are additional student costs. Expenses can be offset by enrollment in Americorp. Students with a “B” average or higher will graduate as civically engaged scholars.
CLASS AVAILABILITY
Program classes must be completed in sequence before registering for the next semester’s Occupational Therapy Assistant courses. Fieldwork I must be completed concurrently and registered for in sequence. All academic course work and Fieldwork I must be satisfactorily completed before registering for Fieldwork II. Fieldwork experiences will be assigned by the program faculty. Fieldwork II will take place during semester IV as a full time externship. To retain enrollment in the program students must complete courses in the order outlined and receive a C grade or better in each required class. Students may retake one course once before dismissal from the program.

PREPARATION NOTE
Students accepted into the occupational therapy assistant program must meet the same health and safety requirements that the participating facilities require of their own employees. These requirements must remain current during the entire program. Documentation for the following is required within 3 weeks of the start of the fall semester prior to placement in fieldwork:

1. First Aid Certification, 2 year certification**
2. CPR Certification (Health Care Provider for BLS adult, child, infant)**
   **Can be completed in class once accepted into the program
3. Required Immunizations officially documented
   a. Tdap booster or if recent TD must wait two years for TDAP injection
   b. Measles, Mumps, Rubella (MMR) immunization and booster or positive immunity (TITRES) to all three
   c. Negative tuberculosis (PPD) test. Students who have a positive skin test must provide a negative TB chest x-ray.
   d. Hepa-vax (Hepatitis B) series
   e. Chicken Pox Varicella immunization and booster or positive immunity (TITRE)
4. Specific information will be given to accepted students by program faculty regarding testing sites that have been approved by SLCC for both drug-screening test and criminal background check. The expenses of these requirements are additional student costs.

The clinical placement agencies make the final determination about accepting students for placement in their facility, and may decline to have students placed at their facility, based on the criminal background record of the student. The latter may cause the student not to be able to complete all of the program requirements.

In addition, it will be the responsibility of the student to contact the licensing agency and seek advice regarding eligibility for licensure and requirements needed to progress in this profession, if the criminal background check discloses issues of concern.

5. A student may refuse any of the immunizations by signing waiver and release forms but in so doing may limit clinical opportunities. The SLCC Health Clinic may offer reduced prices for immunizations. A uniform for fieldwork will be required. Costs for immunizations, certifications, memberships, and fieldwork uniforms are additional costs to the student. Please refer to the OTA website www.slcc.edu/ota for estimates of these costs.

GENERAL COLLEGE ADMISSION
A student seeking admission to the occupational therapy assistant program must first be admitted through Enrollment Services as a matriculated student with a major of health sciences by doing the following:

1. Submit “Application for Admission as a Matriculated Student”
2. Pay general College application fee.
3. Complete ACT or Accuplacer (placement test). This test may be waived at the discretion of Health Sciences Academic Advisor on the basis of previous college coursework.
4. Official sealed transcripts must be submitted from ALL colleges/universities where the student has completed prerequisite coursework for application to the program. Once accepted into the program Health Sciences Academic Advisor will change your major to OTA

SPECIAL NOTE FOR TRANSFER STUDENTS:
Transcripts from other colleges or universities submitted with application are subject to the following policies:

A. Transcripts must be official (sealed and sent by the issuing institution) and must be sent directly to Enrollment Services.
B. Transfer credits and course grades are considered only on completed courses in which grades are received, not on course-in-progress.

OCCUPATIONAL THERAPY ASSISTANT PROGRAM ADMISSION

1. High school graduation or equivalent.
2. BIOL 2320/2325 (Human Anatomy) with minimum grade of B within the past five years.
3. OTA 1020 with minimum grade of B. (Can be taken only twice.)
4. Math Qualifications (one of the following)
   a. CPT 43 college math score within one year;
   b. ACT 22 math score within one year; or
   c. MATH 1010 with C or better
5. English Qualifications (one of the following)
   a. AP English credit - must be listed on SLCC transcript;
   b. CLEP English credit - must be listed on SLCC transcript; or
   c. ENGL 1010 - Introduction to Writing with a C or better
6. Separate application to the Occupational Therapy Assistant program, available from Health Sciences Admissions or www.slcc.edu/ota.

APPLICANTS WILL BE NOTIFIED BY MAIL OF THEIR ADMISSION STATUS

7. New students begin once a year in the fall.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Prerequisites must be satisfied before the designated class is taken. Successful completion of all prerequisite classes is required before admission to the program.

CLASS AVAILABILITY
The semesters in which courses are taught are listed below. Students should check the class schedule for availability and modifications caused by varying enrollment.
ASSOCIATE OF APPLIED SCIENCE (CTE) DEGREE IN OCCUPATIONAL THERAPY ASSISTANT

(Admission minimum 73 hours required, includes prerequisites.)

ADMISSION PREREQUISITES WITH MINIMUM GRADE OF B WITHIN THE PAST FIVE YEARS:

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*Placement required with grade C or better in MATH 0990 or equivalent Accuplacer/ACT scores and a grade of C or better in RDG 0990 or equivalent Accuplacer/ACT score. Take with BIOL 1610 (Lab).

REQUIRED TO COMPLETE THESE BEFORE GRADUATION

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<td>ENGL 1010 Intro to Writing</td>
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RECOMMENDED BUT NOT REQUIRED

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MAJOR COURSE REQUIREMENTS (ADMISSION INTO THE OTA PROGRAM REQUIRED)

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OPTIONAL

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FALL SEMESTER

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TOTAL 15

SPRING SEMESTER

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<td>3</td>
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<td>OTA 1250, 1</td>
</tr>
<tr>
<td>OTA 1150</td>
<td>1</td>
<td>2</td>
<td>OTA 1270, 2</td>
</tr>
<tr>
<td>OTA 1170</td>
<td>2</td>
<td>2</td>
<td>OTA 1280, 3</td>
</tr>
</tbody>
</table>

TOTAL 15

OFFICE SUPPORT SPECIALIST

SEE SCHOOL OF APPLIED TECHNOLOGY.

OPERATING

SEE SURGICAL TECHNICIAN.

PARAEDUCATION

SEE ALSO EDUCATION AND FAMILY & HUMAN STUDIES.

Estimated cost of books per semester $175

General Information (801) 957-4189
Academic Advisor (801) 957-3361

Professor: Dale Smith
Associate Professor: Janet Brohm
Instructors: Sally Schramm, Lois Oestereich

FACULTY

Paraeducators are taught by a combination of faculty members from the departments of education and family and human studies and qualified adjunct instructors familiar with the education of students at risk.

THE PROGRAM

This program is designed to prepare students to work as paraeducators in public school districts under the direction of certified classroom educators. Paraeducators who have taken the courses listed below assist classroom teachers by providing instructional support to students receiving specialized services (Title I and/or special education) in K-12 classrooms. Students desiring to transfer some of the courses to a four-year degree should plan carefully and consult with an academic advisor.

For students enrolled in the associate degree program, special arrangements have been made with Utah State University to allow students to transfer the PED core courses as an emphasis area in either elementary or special education. Students planning on transferring to Utah State University (or other higher education institutions) should consult with an advisor to determine appropriate elective and General Education course work.

Students who do not desire to transfer and/or obtain an associate degree can obtain a certificate of completion through Continuing Education. To obtain the certificate, students will be required to complete the core courses with a grade of C or better. All students desiring to obtain a certificate of completion should contact the number above prior to enrollment.

This program qualifies for requirements of the Federal “No Child Left Behind” Act.

PREREQUISITES

It is the student’s responsibility to examine each course description to determine if prerequisites are required. Prerequisites must be satisfied before a class may be taken.
ELECTIVES
Elective hours should be taken from the courses listed below. Students should select electives based on personal interest as well as the requirements for elementary education or special education in the institutions to which they will transfer. Students should consult with an advisor to determine appropriate elective course work.

CLASS AVAILABILITY
The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability, EDNET availability and other modifications to the semester class schedule.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 63 hours required)

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 2010 Intern Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>QUANTITATIVE LITERACY</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1040 Intro to Stats</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1050 College Algebra</td>
<td>4</td>
</tr>
</tbody>
</table>

* MATH 1050 needed for Elementary Education at Utah State University, Weber State University and University of Utah.

<table>
<thead>
<tr>
<th>AMERICAN INSTITUTIONS (3 CREDITS)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
</tr>
</tbody>
</table>

| HIST 1700 Amer Civilization | 3 | A | w/C or better or appropriate placement |

| POLS 1100 US Gov & Politics | 3 | A | w/C or better or appropriate placement |

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLAC</td>
<td>1</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

<table>
<thead>
<tr>
<th>DISTRIBUTION AREAS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Science (BS)</td>
<td>3</td>
</tr>
<tr>
<td>Fine Arts (FA)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (HU)</td>
<td>3</td>
</tr>
<tr>
<td>Interdisciplinary (ID)</td>
<td>3</td>
</tr>
<tr>
<td>Physical Science (PS)</td>
<td>3</td>
</tr>
<tr>
<td>Social Science (SS)</td>
<td>3</td>
</tr>
</tbody>
</table>

See pp. 23-27 for options in each of these categories.

UTAH STATE UNIVERSITY TRANSFER NOTE
IT IS RECOMMENDED THAT STUDENTS TRANSFERRING TO UTAH STATE UNIVERSITY TAKE PHYSICS 1010 FOR THEIR PHYSICAL SCIENCE DISTRIBUTION CLASS.

MAJOR COURSE REQUIREMENTS (18 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 2010 Intro to Special Ed</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>FHS 1500 Human Develop</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>PSY 1100 Hu Grwth/Devlp</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>PED 1010 Intro Paraeduc</td>
<td>3</td>
<td>F</td>
<td>Sp</td>
</tr>
<tr>
<td>PED 1700 Collah in the Classrm</td>
<td>3</td>
<td>F</td>
<td>PED 1010</td>
</tr>
</tbody>
</table>

ELECTIVES (10 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 2360 Juvenile Law</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>EDU 1010 Oren to Elm Ed</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>FHS 2400 Marriage Fam Rel</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>FHS 2610 Child Guidance</td>
<td>3</td>
<td>F</td>
<td>w/FHS 0010</td>
</tr>
<tr>
<td>FHS 2500 Child Bthr to 8</td>
<td>3</td>
<td>F</td>
<td>FHS 2600, FHS 1500, w/FHS 0010</td>
</tr>
<tr>
<td>FHS 2550 Infgr Growth Dev</td>
<td>3</td>
<td>F</td>
<td>FHS 1500</td>
</tr>
<tr>
<td>FHS 2370 Growth Dev 6-12</td>
<td>3</td>
<td>F</td>
<td>FHS2600</td>
</tr>
<tr>
<td>FHS 2630 Media for the Family</td>
<td>3</td>
<td>F</td>
<td>FHS2600</td>
</tr>
<tr>
<td>FHS 2640 Home School Comm</td>
<td>3</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>LANG ___ (Any Language)</td>
<td>5</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>LE 1240 Tutor Certificate</td>
<td>1</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>MA 1100 Med Terminology</td>
<td>2</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>MATH 2010 Math Elm Tch I</td>
<td>3</td>
<td>F</td>
<td>MATH 1030 or MATH 1040</td>
</tr>
<tr>
<td>MATH 2020 Math Elm Tch II</td>
<td>3</td>
<td>Sp, Su</td>
<td>MATH 1030 or MATH 1040</td>
</tr>
<tr>
<td>PED 2100 Hlth Needs in Classrm</td>
<td>3</td>
<td>Sp</td>
<td>PED 1010</td>
</tr>
<tr>
<td>PED 2990 Special Topics</td>
<td>1-3</td>
<td>A</td>
<td>Instructor’s approval</td>
</tr>
</tbody>
</table>

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>3</td>
</tr>
<tr>
<td>AMERICAN INST</td>
<td>3</td>
</tr>
<tr>
<td>DISTRIBUTION</td>
<td>9</td>
</tr>
<tr>
<td>PSY 1100</td>
<td>3</td>
</tr>
<tr>
<td>PED 1010</td>
<td>3</td>
</tr>
<tr>
<td>TOTAL</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>PED 1700</td>
<td>3</td>
</tr>
<tr>
<td>SOC 2630</td>
<td>3</td>
</tr>
<tr>
<td>DISTRIBUTION</td>
<td>6</td>
</tr>
<tr>
<td>ELECTIVES</td>
<td>4</td>
</tr>
<tr>
<td>STUDENT CHOICE</td>
<td>3</td>
</tr>
<tr>
<td>TOTAL</td>
<td>16</td>
</tr>
</tbody>
</table>

* NOTE: Admission into a major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.uthsbr.edu/hed05a.html.

CERTIFICATE/PARAEDUCATION** (minimum 18 hours required) (C or better grade in all courses)

<table>
<thead>
<tr>
<th>MAJOR COURSE REQUIREMENTS</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 2010 Intro to Special Ed</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>FHS 1500 Human Develop</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>PSY 1100 Hu Grwth/Devlp</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>PED 1010 Intro Paraeduc</td>
<td>3</td>
<td>F</td>
<td>Sp</td>
</tr>
<tr>
<td>PED 1700 Collah in the Classrm</td>
<td>3</td>
<td>F</td>
<td>PED 1010</td>
</tr>
<tr>
<td>PED 2150 Exp W/Stud Rsk</td>
<td>3</td>
<td>Sp</td>
<td>PED 1010</td>
</tr>
<tr>
<td>PED 2160 Practicum Int Ex</td>
<td>3</td>
<td>Sp</td>
<td>w/PED 2150</td>
</tr>
<tr>
<td>SOC 2630 Race/Ethnic Rel</td>
<td>3</td>
<td>F</td>
<td>SOC 1010</td>
</tr>
</tbody>
</table>

PARALEGAL STUDIES

General Information (801) 957-5150
Advising Appointments (801) 957-4300
For additional information (801) 957-5150
www.slcc.edu/paralegalstudies

Assistant Professor: KC Jensen
Instructor: L. Monte Sleight
Division Office - Business Building 109 (801) 957-5151
Library Square - 231 East 400 South Salt Lake City
Paralegal Studies Coordinator: (801) 957-3281
THE PROGRAM
A paralegal is a person qualified through education, training and work experience, who under direction and supervision of an attorney performs delegated legal work for the attorney or law firm which the attorney otherwise would perform. Although a paralegal is not licensed to practice law, he or she completes tasks traditionally performed by an attorney with the exception of giving legal advice, independently representing clients and any other unauthorized practice of law.

This American Bar Association approved program is designed for those considering employment as a paralegal who wish to update their professional development or for those already in the field.

Students who are interested in pursuing courses leading to a Bachelor’s degree in paralegal studies should consult the Business Advisor, Business Building, room 132A or (801) 957-4523.

General Education requirements and elective courses provide training in effective oral and written communication and human relations skills. Various courses are taught using group and team activities in the learning process to develop the student’s interactive skills and to build human values and ethics.

GRADE REQUIREMENTS
The following courses require a B- or higher: PLS 1010, PLS 1020, PLS 1050 and PLS 1120. Students are also required to earn a grade of C or better in Paralegal Program electives.

PREPARATION NOTE
Students who need to take prerequisite classes to meet the requirements of first semester courses should plan on extra time to complete the program.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

ELECTIVE OPTION
Cooperative Education is the College’s program for recognizing and rewarding new learning associated with study-related employment in a business, industrial or government work environment. Credit earned from PLS 2000 is applied toward graduation requirements as both an alternative required class and/or as an elective credit. Contact the Cooperative Education Department at (801) 957-4014.

The Department strongly recommends that students enhance their employment opportunities through Cooperative Education as soon as skills permit, to complement the certificate or degree.

CLASS AVAILABILITY
The semester in which courses are taught are listed below. Students should check the semester class schedule for day/ evening availability and modifications caused by varying enrollment.

ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN PARALEGAL STUDIES
(minimum 64 hours required)

<table>
<thead>
<tr>
<th>GENERAL EDUCATION REQUIREMENTS COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-OP</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>MATH 1010 Intermediate Algebra</td>
<td>4</td>
<td>A</td>
<td>MATH 0990 or CPT</td>
</tr>
<tr>
<td>COMM 1020 Prin Public Speaking</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

HUMAN RELATIONS
COMM 2110 Interpersonal Comm 3 F, Sp none

DISTRIBUTION AREAS
Choose three credit hours from each of two of the following distribution areas for a total of six credits:

| Biological Science (BS) | 4  | A   | RDG 0900 W/C or better |
| Fine Arts (FA)          | 3  | A   | none                     |
| Humanities (HU)         | 3  | A   | none                     |
| Interdisciplinary (ID)  | 3  | A   | none                     |
| Physical Science (PS)   | 3  | A   | none                     |
| Social Science (SS)     | 3  | A   | none                     |

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS
NOTE: 75% Of Major Course Requirements Must Be Completed At Salt Lake Community College.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000 CO-OP</td>
<td>3</td>
<td>A</td>
<td>Program approval</td>
</tr>
<tr>
<td>2120 Legal Portfolio</td>
<td>3</td>
<td>A</td>
<td>Program approval</td>
</tr>
<tr>
<td>Electives 15</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Must be completed with B- or better, all others C or better.

PROGRAM ELECTIVES (15 CREDITS)†

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000 CO-OP</td>
<td>1-6</td>
<td>A</td>
<td>PLS 1050</td>
</tr>
<tr>
<td>2050 Lgl Rsch/Wrt III</td>
<td>3</td>
<td>A</td>
<td>PLS 1050</td>
</tr>
<tr>
<td>2070 Mediation</td>
<td>3</td>
<td>F</td>
<td>variable</td>
</tr>
<tr>
<td>2120 Legal Portfolio</td>
<td>3</td>
<td>F</td>
<td>PLS 1010</td>
</tr>
<tr>
<td>2120 Mediation</td>
<td>3</td>
<td>F</td>
<td>variable</td>
</tr>
<tr>
<td>2120 Hollywood AthLaw</td>
<td>3</td>
<td>Su</td>
<td>variable</td>
</tr>
<tr>
<td>2990 Special Studies</td>
<td>1-3</td>
<td>TBA</td>
<td>variable</td>
</tr>
</tbody>
</table>

*Must be completed with B or better. †All electives must be completed with a C or better.

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>COMM 2110</td>
</tr>
<tr>
<td>MATH 1010</td>
<td>COMM 2110</td>
</tr>
<tr>
<td>PLS 1010</td>
<td>PLS 1030</td>
</tr>
<tr>
<td>PLS 1020</td>
<td>PLS 1070</td>
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<tr>
<td>PLS 1120</td>
<td>PLS ELECTIVES 3</td>
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<tr>
<td>TOTAL 16</td>
<td>TOTAL 16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1020</td>
<td>COMM 1020</td>
</tr>
<tr>
<td>PLS 1050</td>
<td>PLS 1050</td>
</tr>
<tr>
<td>PLS 1180</td>
<td>PLS 2200</td>
</tr>
<tr>
<td>PLS ELECTIVES 9</td>
<td>PLS ELECTIVES 3</td>
</tr>
<tr>
<td>TOTAL 18</td>
<td>TOTAL 16-21</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>COMM 2110</td>
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<td>MATH 1010</td>
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<td>PLS 1010</td>
<td>PLS 1030</td>
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<td>PLS 1120</td>
<td>PLS ELECTIVES 3</td>
</tr>
<tr>
<td>TOTAL 16</td>
<td>TOTAL 16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1020</td>
<td>COMM 1020</td>
</tr>
<tr>
<td>PLS 1050</td>
<td>PLS 1050</td>
</tr>
<tr>
<td>PLS 1180</td>
<td>PLS 2200</td>
</tr>
<tr>
<td>PLS ELECTIVES 9</td>
<td>PLS ELECTIVES 3</td>
</tr>
<tr>
<td>TOTAL 18</td>
<td>TOTAL 16-21</td>
</tr>
</tbody>
</table>
PEACE OFFICER
SEE CONTINUING EDUCATION.

PERSONAL INTEREST
SEE CONTINUING EDUCATION.

PHARMACY TECHNICIAN
SEE CONTINUING EDUCATION.

PHYSICAL THERAPIST ASSISTANT

| Estimated cost of books and supplies for program | $900 |
| Lab fees per year | $60 |
| Licensing fees | $500 |

General Information (801) 957-6215
Program Information (801) 957-4054
Academic Advisor, JCHSC 047E (801) 957-4407
Health Sciences Admission, JCHSC 047B; (801) 957-4163
www.slcc.edu/ptassistant

Professor: Diana Ploeger
Associate Professor: Ken Freeman

THE PROGRAM
The physical therapist assistant (PTA) program provides both general and technical education. The physical therapist assistant program is accredited by the Commission on Accreditation in Physical Therapy Education. The program consists of 3.5 semesters of physical therapist assistant coursework and labs in addition to the prerequisite courses. Upon successful completion, graduates are awarded an associate of applied science degree. Graduates are able to sit for the national examination for physical therapist assistants, which allows the individual to be eligible for licensure in states that require licensure to practice. To practice as a physical therapist assistant in Utah, licensure is now required.

The physical therapist assistant is a health care provider working with individuals and their families under the supervision of a physical therapist in providing client care by applying a variety of therapy treatments in a variety of health care settings. Treatment techniques include heat, cold, electrotherapy, hydrotherapy, traction, massage and therapeutic exercises. Health care settings include hospitals, extended care facilities, rehabilitation centers, out-patient clinics, sports medicine clinics, work hardening programs, schools and homes. The physical therapist assistant also will be involved in modification of treatment programs, client/family education and discharge planning under the direction of a physical therapist.

Students with a history of a misdemeanor or felony involving moral turpitude may not be eligible for clinical placements due to clinical agency requirements.

GENERAL COLLEGE ADMISSION
Students seeking admission to the Physical Therapist Assistant program must first be admitted through Enrollment Services as a matriculated student with a major of Health Sciences by completing the following:

1. Submit SLCC “Application for Admission as a Matriculated Student.”
2. Pay general College application fee.
3. Submit ACT or complete Accuplacer (placement test). This test may be waived by Health Sciences Academic Advisor on the basis of previous college coursework.

ADMISSION PROCESS
The following admission criteria must be met before the applicant will be accepted into the program.

1. Be admitted through SLCC Enrollment Services as a matriculated student declaring a major in Health Sciences with an emphasis in pre-physical therapist assistant.
2. High School graduate or equivalent. Submit OFFICIAL, SEALED transcripts for ALL colleges and universities where prerequisites course work has been completed. Send to: Enrollment Services, SC 220, 4600 South Redwood Road, PO. Box 30808, Salt Lake City, UT 84130-0808
3. Complete the following:
   a. MATH 1010: Intermediate Algebra, earning a minimum of a “C” grade, or an Accuplacer college level Math score of 43 within one year, or an ACT Math score of 22 within one year.
   b. ENGL 1010: Introduction to Writing, earning a minimum of a “C” grade, or AP English credit or CLEP English credit listed on SLCC transcript.
   c. BIOL 2320/2325: Human Anatomy and lab, earning a minimum of a “B” grade, within 5 years of starting technical curriculum.
   d. PSY 1100: Human Growth and Development, earning a minimum of a “C” grade
   e. PTA 1010: Intro to Physical Therapy, earning a minimum of a “B” grade
   f. PTA 1500: Practice Issues for the PTA, earning a minimum of a “C” grade

4. Submit “Physical Therapist Assistant Application for Admission,” available in the Enrollment Services or the Health Sciences Office, to the Health Sciences Admission Specialist - JCHSC 047EB or at www.slcc.edu/ptassistant. Students will receive a letter indicating acceptance into the Physical Therapist Assistant Program if the student has successfully completed all of the listed requirements.

5. Students accepted into the technical program must meet the same health and safety requirements the participating clinical facilities require of their own employees. These requirements must be current during the entire technical program. Documentation of completion of the following health and safety requirements must be submitted prior to the first day of class for PTA 2100:
   a. CPR Certification (Health Care Provider)
   b. Tdap immunization (current within 10 years)
   c. MMR (Measles, mumps, rubella) immunizations.
   Note: Two immunizations required or proof of positive immunity (TITRE) to all three.
   d. Negative tuberculosis (TB) test. Note: Students who have a positive skin test must provide proof of a negative TB chest x-ray.
   e. Hepatitis B vaccination series. Note: Students must provide proof of at least two of the three traditional dose series or three of the four accelerated TwinRx series prior to beginning the technical program or proof of positive immunity (TITRE).
   f. Varicella (Chicken Pox) immunizations. Note: Two immunizations required or proof of positive immunity (TITRE).

6. Specific information will be given to accepted students by program faculty regarding testing sites that have been approved by SLCC for both drug-screening test and criminal background check. The expenses of these requirements are additional student costs.
The clinical placement agencies make the final determination about accepting students for placement in their facility, and may decline to have students placed at their facility, based on the criminal background record of the student. The latter may cause the student not to be able to complete all of the program requirements.

In addition, it will be the responsibility of the student to contact the licensing agency and seek advice regarding eligibility for licensure and requirements needed to progress in this profession, if the criminal background check discloses issues of concern.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITE</th>
<th>Min. Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 OR AP English or CLEP English credit on SLCC transcript</td>
<td>3</td>
<td>A</td>
<td>WRTG 0990 w/C or better, equivalent or placement.</td>
<td>C</td>
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<tr>
<td>MATH 1010 OR Accuplacer 45 college level Math score or ACT 22 Math score, within one year</td>
<td>4</td>
<td>A</td>
<td>MATH 0990 w/C or appro. Accuplacer</td>
<td>C</td>
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<tr>
<td>PSY 1100</td>
<td>3</td>
<td>A</td>
<td>NONE</td>
<td>C</td>
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<tr>
<td>PTA 1010</td>
<td>2</td>
<td>F, Sp</td>
<td>NONE</td>
<td>B</td>
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<tr>
<td>PTA 1500</td>
<td>2</td>
<td>A</td>
<td>PTA 1010</td>
<td>C</td>
</tr>
<tr>
<td>BIOL 2320 w/ BIOL 2325 within 5 years of starting technical curriculum.</td>
<td>4</td>
<td>A</td>
<td>BIOL 1610/1615</td>
<td>B</td>
</tr>
</tbody>
</table>

Note: Applicants are accepted into the technical program in order of their qualifying date (the date upon which all prerequisite requirements and program application has been met and submitted to the Health Sciences Admissions Specialist Technician) and if necessary, placed on a waiting list to begin the technical program.

PREREQUISITES
It is the student's responsibility to examine course descriptions for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY
There is open enrollment for PTA 1000 level courses. PTA 2000 level courses are limited to students accepted into the physical therapist assistant technical program.

To retain a position in the technical program, students must complete the technical curriculum in the order outlined and receive a C grade or better in each required class.

ASSOCIATE OF APPLIED SCIENCE DEGREE IN PHYSICAL THERAPIST ASSISTANT
(minimum 70 hours required)

GENERAL EDUCATION REQUIREMENTS:
COMPOSITION AND COMPUTATION REQUIREMENTS ARE FULLFILLED BY COMPLETING THE PROGRAM'S PREREQUISITES.

COMMUNICATION
The philosophy of the Physical Therapist Assistant Program contains communication as a curriculum thread. Courses integrate communication into content presented in the classroom and clinical settings. Students learn basic communication skills in the beginning level courses. Additional content is added with each course, including group dynamics, group communication, therapeutic and non-therapeutic patterns of communication.

HUMAN RELATIONS
Human relations training is embedded within the physical therapist assistant curriculum. Human needs and interpersonal relationships are constant with each patient/physical therapist assistant relationship and are threaded throughout the physical therapy curriculum.

MAJOR COURSE REQUIREMENTS
(MINIMUM 52 HOURS REQUIRED)

<table>
<thead>
<tr>
<th>COURSE</th>
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<th>PREREQUISITE</th>
<th>MIN. GRADE</th>
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<tr>
<td>PTA 2010 Func Anatomy</td>
<td>3</td>
<td>F</td>
<td>PTA 1500</td>
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<tr>
<td>PTA 2015 Func Anatomy Lab</td>
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<td>F</td>
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</tr>
<tr>
<td>PTA 2100 Patient Care Skl</td>
<td>2</td>
<td>F</td>
<td>admission</td>
<td></td>
</tr>
<tr>
<td>PTA 2110 Pt Care Skills Lab</td>
<td>1</td>
<td>F</td>
<td>admission</td>
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<tr>
<td>PTA 2200 Ther Modal</td>
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<td>F</td>
<td>admission</td>
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<tr>
<td>PTA 2210 Ther Modal Lab</td>
<td>2</td>
<td>F</td>
<td>admission</td>
<td></td>
</tr>
<tr>
<td>PTA 2300 Princ Ther Exer</td>
<td>2</td>
<td>F</td>
<td>admission</td>
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</tr>
<tr>
<td>PTA 2310 Princ Ther Ex Lab</td>
<td>2</td>
<td>F</td>
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<tr>
<td>PTA 2350 Data Collection</td>
<td>2</td>
<td>Sp</td>
<td>PTA 2100, PTA 2110</td>
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<tr>
<td>PTA 2360 Data Collection</td>
<td>2</td>
<td>Sp</td>
<td>PTA 2100, PTA 2110</td>
<td></td>
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<tr>
<td>PTA 2400 Musculo Dis</td>
<td>3</td>
<td>Sp</td>
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<td>Sp</td>
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<tr>
<td>PTA 2450 Neurological Dis</td>
<td>2</td>
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<td>*PTA 2110, PTA 2210</td>
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<tr>
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<td>Sp</td>
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<tr>
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<td>Sp</td>
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<tr>
<td>PTA 2530 Gerontology</td>
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<td>S</td>
<td>PTA 2100, PTA 2210</td>
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<tr>
<td>PTA 2550 Rehab Psych</td>
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<td>Su</td>
<td>PTA 2100, PTA 2210</td>
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<tr>
<td>PTA 2600 Clinical Exper I</td>
<td>4</td>
<td>Sp</td>
<td>PTA 2100, PTA 2200, PTA 2210</td>
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</tr>
<tr>
<td>PTA 2700 Clinical Internship I</td>
<td>6</td>
<td>F</td>
<td>*PTA 2450, PTA 2600</td>
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</tr>
<tr>
<td>PTA 2710 Clinical Internship II</td>
<td>6</td>
<td>F</td>
<td>*PTA 2700</td>
<td></td>
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</tbody>
</table>
| PTA 2750 Seminar PT/OTs | 1  | F   | *PTA 2350, PTA 2450 | *Completion of first year is also a prerequisite.

ELECTIVES
PTA 2850 Spec Top PTas | 2  | F, Sp | approval |
PTA 2950 Sports PT | 2  | F   | approval |
PTA 2960 PT/OT in Workplace | 2  | Sp  | acceptance into program |

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>PREREQUISITE SEMESTER</th>
<th>SUMMER TERM</th>
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<tbody>
<tr>
<td>ENGL 1010 3</td>
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<td>MATH 1010 4</td>
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<td>PSY 1100 3</td>
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<tr>
<td>BIOL 2320 4</td>
<td></td>
</tr>
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<td>PTA 1010 2</td>
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<td>PTA 1500 2</td>
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<tr>
<td>FAL SEMESTER</td>
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<td>PTA 2010 3</td>
<td></td>
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<td>PTA 2015 1</td>
<td></td>
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<td>PTA 2360 2</td>
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<td>2ND FAL SEMESTER</td>
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<td>PTA 2700 6</td>
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<td>PTA 2710 6</td>
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<td>PTA 2750 1</td>
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<tr>
<td>TOTAL 13</td>
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</tbody>
</table>

PHYSICAL EDUCATION (PE)
SEE HEALTH AND LIFETIME ACTIVITIES.
PHYSICS
Science and Industry Building 345 (801) 957-4150
General Information (801) 957-4073
Academic Advisor SI 209 (801) 957-4858
www.slc.edu/physics

Associate Professor: Trina Van Ausdal
Assistant Professors: David Schaffer
Instructor: Jonathan Barnes

THE PROGRAM
Physics includes the study of physics and astronomy. All classes are transferable to other schools in the state system of higher education and most other universities and colleges.

Physics classes are offered at three levels:
1. General survey classes for fulfilling a General Education requirement for non-technical students;
2. A non-calculus, two-semester series for professionals and technicians (other than engineers); and
3. A three-semester series of calculus-based physics for engineering students.

PREPARATION NOTE
Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY
The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/ evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 65 hours required)

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3 A</td>
<td>pre-test</td>
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<tr>
<td>ENGL 2010 Interim Writing</td>
<td>3 A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
<tr>
<td>MATH 1210 Calculus I</td>
<td>4 A</td>
<td>MATH 1060</td>
</tr>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3 A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>HIST 1700 Amer Civilization</td>
<td>3 A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>POLS 1100 US Gov &amp; Politics</td>
<td>3 A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
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| INSTITUTIONAL REQUIREMENTS |

<table>
<thead>
<tr>
<th>LIFEWELLNESS</th>
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</thead>
<tbody>
<tr>
<td>HLAC</td>
</tr>
<tr>
<td>STUDENT CHOICE (3 CREDITS)</td>
</tr>
<tr>
<td>COMPUTER LITERACY</td>
</tr>
</tbody>
</table>

DISTRIBUTION AREAS
Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

| Biological Science (BS) | 3-4 A | RDG 0990 w/C or better |
| Fine Arts (FA) | 3 A | none |
| Humanities (HU) | 3 A | none |
| Interdisciplinary (ID) | 3 A | none |
| Physical Science (PS) | 3 A | none |
| Social Science (SS) | 3 A | none |

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1210 General Chem</td>
<td>4 F, Sp</td>
<td>MATH 1070, w/ CHEM 1215</td>
</tr>
<tr>
<td>CHEM 1215 Gen Chem Lab I</td>
<td>1 F, Sp</td>
<td>w/ CHEM 1210</td>
</tr>
<tr>
<td>MATH 1220 Calculus II</td>
<td>4 A</td>
<td>MATH 1210</td>
</tr>
<tr>
<td>MATH 2210 Multivar Calc</td>
<td>3 A</td>
<td>MATH 1220</td>
</tr>
<tr>
<td>PHYS 2210 Physics f/Sci &amp; Eng I</td>
<td>4 A</td>
<td>MATH 1220, w/ PHYS 2215</td>
</tr>
<tr>
<td>PHYS 2215 Physics f/Sci &amp; Eng II</td>
<td>1 A</td>
<td>w/ PHYS 2220</td>
</tr>
<tr>
<td>PHYS 2220 Physics f/Sci &amp; Eng II</td>
<td>4 A</td>
<td>MATH 1220, w/ PHYS 2215, w/ PHYS 2250</td>
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<tr>
<td>PHYS 2225 Physics f/Sci &amp; Eng III</td>
<td>1 A</td>
<td>w/ PHYS 2220</td>
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<tr>
<td>MATH 2250 Diff Equa Lin Alg</td>
<td>4 F, Sp</td>
<td>MATH 1220</td>
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<tr>
<td>PHYS 2710 Intro Modern Physics</td>
<td>3 Sp</td>
<td>MATH 2210, MATH 2210, PHYS 2220, PHYS 2215, w/ PHYS 2715</td>
</tr>
<tr>
<td>PHYS 2715 Intro Mod Physics Lab</td>
<td>1 Sp</td>
<td>w/ PHYS 2710</td>
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SAMPLE SCHEDULE

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<thead>
<tr>
<th>FALL SEMESTER</th>
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<tbody>
<tr>
<td>CHEM 1210</td>
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<td>4 F, Sp</td>
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<td>18</td>
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</tbody>
</table>

*NOTE: Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hel02a.html.

DEPARTMENTAL OFFERINGS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>PHYS 1010 Elementary Phys</td>
<td>3 A</td>
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<tr>
<td>PHYS 1040 Elem Astronomy</td>
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</tr>
<tr>
<td>PHYS 2010 College Physics I</td>
<td>4 A</td>
<td>MATH 1060, w/ PHYS 2015</td>
</tr>
<tr>
<td>PHYS 2215 College Physics Lab I</td>
<td>1 A</td>
<td>w/ PHYS 2010</td>
</tr>
<tr>
<td>PHYS 2220 College Physics II</td>
<td>4 A</td>
<td>MATH 2010, w/ PHYS 2045</td>
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<tr>
<td>PHYS 2241 Physics Prb Session</td>
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<td>PHYS 2245 College Physics Lab II</td>
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<td>w/ PHYS 2040</td>
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<td>PHYS 2220 Physics f/Sci &amp; Eng I</td>
<td>4 A</td>
<td>MATH 2120, w/ PHYS 2215</td>
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<td>PHYS 2221 Physics f/Sci &amp; Eng II</td>
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<td>w/ PHYS 2210</td>
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<td>PHYS 2225 Physics f/Sci &amp; Eng III</td>
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<td>4 A</td>
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<td>PHYS 2221 Physics f/Sci &amp; Eng II</td>
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<td>w/ PHYS 2710</td>
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**POLITICAL SCIENCE**

South City Campus N109 - (801) 957-4002
General Information (801) 957-4073
Academic Advisor (801) 957-3361
www.slcc.edu/pols

Associate Professor: Shari Sowards
Assistant Professor: Joshua Gold

**THE PROGRAM**

Political science prepares students to understand and participate in the processes whereby policies are made in local, state, national and international political systems. Students learn the factual and theoretical ways in which governmental and non-governmental actors interact. In the process, students develop analytical and communication skills.

Political science courses are an essential part of a liberal arts education because many disciplines come together in political analysis. Moreover, political science courses are useful in a variety of majors such as history, sociology, pre-law, business, public administration, economics, education and international studies. Students who would like hands-on experience in the political realm may sign up for an internship administered by the Political Science Department. SLCC students have interned in Washington D.C. and Salt Lake City, volunteered on political campaigns, conducted exit polls, hosted a variety of national and local political figures and participated in nationwide foreign policy simulations.

Students should check with the department or academic advisor to determine which courses are transferable to other colleges within the Utah System of Higher Education.

**PREREQUISITES**

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

**CLASS AVAILABILITY**

The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/ evening availability and modifications caused by varying enrollment.

**COMPLETING THE LISTED REQUIREMENTS**

Below results in receiving an Associate of Science Transfer Degree* (minimum 61 hours required)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 2010 Intern Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
<tr>
<td>MATH 1030 Quant Reas</td>
<td>3</td>
<td>A</td>
<td>MATH 1010</td>
</tr>
</tbody>
</table>

*Transfer Note: The University of Utah has scholarships available for Political Science transfer students.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 1140 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement</td>
</tr>
</tbody>
</table>

**INSTITUTIONAL REQUIREMENTS**

**LIFELONG WELLNESS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hlac</td>
<td>1</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

**STUDENT CHOICE (3 CREDITS)**

**COMPUTER LITERACY**

**DISTRIBUTION AREAS**

Choose an additional three credit hours from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Science (BS)</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better</td>
</tr>
<tr>
<td>Fine Arts (FA)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Humanities (HU)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Interdisciplinary (ID)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Physical Science (PS)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Social Science (SS)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

See pp. 23-27 for options in each of these categories.

**MAJOR COURSE REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 1100 US Govt&amp;Politics</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>POLS 2300 Political Ideology</td>
<td>3</td>
<td>F, Sp</td>
<td>none</td>
</tr>
</tbody>
</table>

Students may use POLS 2300 and POLS 1100 to fill major course requirements or General Education American Institutions requirements, but not both.

Political Science Electives

**SELECT AT LEAST 6 CREDITS FROM THE FOLLOWING:**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 1110 State/Local Gov</td>
<td>3</td>
<td>Sp</td>
<td>none</td>
</tr>
<tr>
<td>POLS 1900 Special Studies</td>
<td>1-2</td>
<td>F, Sp</td>
<td>instructor's approval</td>
</tr>
<tr>
<td>POLS 2000 Internship</td>
<td>2-4</td>
<td>TBA</td>
<td>instructor's approval</td>
</tr>
<tr>
<td>POLS 2100 Intro Int'l Politics</td>
<td>3</td>
<td>TBA</td>
<td>none</td>
</tr>
<tr>
<td>POLS 2070 Diversity &amp; US Politics</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>POLS 2200 Intro to Compar Politics</td>
<td>3</td>
<td>TBA</td>
<td>none</td>
</tr>
<tr>
<td>POLS 2900 Special Topics</td>
<td>1-3</td>
<td>TBA</td>
<td>instructor's approval</td>
</tr>
<tr>
<td>POLS 2950 Leadership</td>
<td>2</td>
<td>F</td>
<td>none</td>
</tr>
</tbody>
</table>

**ELECTIVES (15 HOURS)**

Complete 15 credits from any college level courses numbered 1000 or above.

**NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hel02a.html.

**SAMPLE SCHEDULE**

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>ENGL 2010</td>
</tr>
<tr>
<td>ENGL 2010</td>
<td>MATH 1030</td>
</tr>
<tr>
<td>Hlac</td>
<td>3</td>
</tr>
<tr>
<td>POLS 1100</td>
<td>POLS 2300</td>
</tr>
<tr>
<td>DISTRIBUTION</td>
<td>3</td>
</tr>
<tr>
<td>STUDENT CHOICE</td>
<td>TOTAL 15</td>
</tr>
<tr>
<td>TOTAL 15</td>
<td>TOTAL 15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS ELECTIVE</td>
<td>POLS ELECTIVE</td>
</tr>
<tr>
<td>DISTRIBUTION</td>
<td>DISTRIBUTION</td>
</tr>
<tr>
<td>ELECTIVES</td>
<td>ELECTIVES</td>
</tr>
<tr>
<td>TOTAL 15</td>
<td>TOTAL 15</td>
</tr>
</tbody>
</table>

**PORTUGUESE**

SEE LANGUAGE AND CULTURE.
PRE-PROFESSIONAL

General Information (801) 957-4073
Science and Industry Building 345 - (801) 957-4150
Academic Advisor SC 240 (801) 957-4184

THE PROGRAM
Salt Lake Community College offers most, if not all, the courses needed in the freshman and sophomore years of pre-professional programs such as pre-chiropractic, pre-dentistry, pre-law, pre-medicine, pre-pharmacy, pre-physical therapy, pre-occupational therapy and physician assistant.

Requirements for these programs vary from college to college. Programs listed below are examples only. They are best estimates of what most colleges require. Students should check with the advisor of the program to which they wish to transfer for full details. This is important to avoid taking unnecessary courses or missing important requirements.

Associate of science degrees are not offered in any pre-professional program. Possible AS degrees for pre-professional students are general studies, biology or physical science. Students should consult an academic advisor to determine which AS degree is best suited to their needs.

PREPARATION NOTE
Students who need to take preparatory classes to meet requirements of first-semester courses should plan extra time to complete the program.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY
Semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modification due to varying enrollment.

PRE-CHIROPRACTIC
A minimum of 90 semester hours is required to apply to chiropractic colleges; 30 of the 90 semester credits must be upper division credits. All courses must be transferable to a Bachelor’s degree. Students must have a cumulative GPA of at least 2.5 for both prerequisite courses and the required 90 semester credits.

BIOLOGY
One academic year with related labs which can include:
BIOL 1610/BIOL 1615, BIOL 2320/BIOL 2325
BIOL 2420/BIOL 2425
MA 1100 (recommended; not required, prerequisite to PHYS 2010)

CHEMISTRY
Two academic years with related labs which include:
CHEM 1210/CHEM 1215, CHEM 1220/CHEM 1225
CHEM 2310/CHEM 2315, CHEM 2320/CHEM 2325

ENGLISH/COMMUNICATION
Six semester hours which can include: ENGL 1010, ENGL 2010, COMM 1010 or COMM 1020

HUMANITIES AND/OR SOCIAL SCIENCES
Fifteen semester hours

PHYSICS
PHYS 2210/PHYS 2215 and PHYS 2220/PHYS 2225
OR
PHYS 2010/PHYS 2015 and PHYS 2020/PHYS 2025

PSYCHOLOGY
PSY 1010

ELECTIVES
As needed to equal 90 semester hours

PRE-DENTISTRY/PRE-MEDICINE

BIOLOGY
One or more academic years (cell biology strongly recommended), to include: BIOL 1610/BIOL 1615, BIOL 2320/BIOL 2325 or BIOL 2030/BIOL 2035

CHEMISTRY
Two academic years with related labs which include:
CHEM 1210/CHEM 1215, CHEM 1220/CHEM 1225
CHEM 2310/CHEM 2315, CHEM 2320/CHEM 2325

ENGLISH/COMMUNICATION
One academic year of composition and/or speech which includes: ENGL 1010, ENGL 2010 or COMM 1020

HUMANITIES
One course

MATHEMATICS
MATH 1050, MATH 1060
(Most dental and medical schools favor a full year of calculus):
MATH 1110, MATH 1120

PHYSICS
One academic year with related labs which include (choose one of the following):
PHYS 2210/PHYS 2215 and PHYS 2220/PHYS 2225
OR
PHYS 2010/PHYS 2015 and PHYS 2020/PHYS 2025

SOCIAL SCIENCE
One course

The completion of a bachelor’s degree is required for entrance into medical school. A bachelor’s degree is not required for dental school, but it is highly recommended.

PRE-LAW
No specific subjects are required. Any AS degree that leads to a BS degree will qualify. Pre-legal students must be able to express themselves clearly and forcefully in concise English and in writing. In addition, the following skills are desired: critical reading ability, analytical problem solving, general research and task organization and management.

PRE-OCCUPATIONAL THERAPY

BIOLOGY
BIOL 1610/BIOL 1615, BIOL 2320/BIOL 2325
BIOL 2420/BIOL 2425

PHYSICS
PHYS 2010/PHYS 2015

STATISTICS
PSY 2500 or SOC 2120 (available as upper division at U of U)*

TECHNICAL WRITING
ENGL 2100 (available as upper division at U of U)*

ANTHROPOLOGY
ANTH 1010 or ANTH 211

PSYCHOLOGY
PSY 1100 or FHS 1500, PSY 2300
(Available as upper division at U of U)*

SOCIOLOGY OR HEALTH
SOC 1010 or SOC 1020 or SOC 2500 or SOC 2680 or HLTH 1050

MEDICAL TERMINOLOGY
MA 1100

HEALTH
HLTH 1200
HLTH 2200 (recommended; not required)

MATHEMATICS
MATH 1060 (recommended; not required, prerequisite to PHYS 2010)

*The U of U’s Occupational Therapy Program is a junior level entry. However, a minimum of 15 credits of upper division coursework is required before entering.
PRE-PHARMACY

BIOLOGY
BIOL 1610/BIOL 1615, BIOL 2320/BIOL 2325,
BIOL 2420/BIOL 2425

CHEMISTRY
Two academic years with related labs which include:
CHEM 1120/PHYS 1120, CHEM 1125/PHYS 1125
CHEM 2320/PHYS 2325, CHEM 2325/PHYS 2325

ENGLISH
ENGL 1010, ENGL 2010

MATHEMATICS
MATH 1050, MATH 1060, MATH 1210, MATH 1220

PHYSICS
One academic year with related labs which include:
PHYS 2120/PHYS 2125, PHYS 2220/PHYS 2225

Preparation Note
Students who need to take preparatory classes to meet the
requirements of first semester courses should plan on extra time
to complete the program.

CLASS AVAILABILITY
The semester in which courses are taught are listed within
the course descriptions. Students should check the semester class
schedule for the day/evening availability and modifications
caused by varying enrollment.

PRE-PHYSICAL THERAPY

BIOLOGY
BIOL 1610/BIOL 1615, BIOL 2320/BIOL 2325,
BIOL 2420/BIOL 2425

CHEMISTRY
One academic year of Chemistry with related labs
CHEM 1110/PHYS 1110, CHEM 1120/PHYS 1120
CHEM 2210/PHYS 2210, CHEM 2220/PHYS 2220

ENGLISH
ENGL 1010, ENGL 2010 or ENGL 2100

HEALTH
HLTH 1200

MATHEMATICS
MATH 1050, MATH 1060 or MATH 1210

PHYSICS
PHYS 2100/PHYS 2105 and PHYS 2200/PHYS 2205

The U of U’s Physical Therapy Program is a junior level entry.
However, a bachelor’s degree is required before entering the program.

PROFESSIONAL TRUCK DRIVING
See School of Applied Technology

PSYCHOLOGY

General Information (801) 957-4073
Taylorville Redwood Campus, CT 254 (801) 957-4392
Academic Advisor (801) 957-3761

Professor: Spencer Adams
Associate Professors: Larry R. Christensen, Drusilla D. Glascoe, Harry
Hughes, Katerina Salini
Assistant Professors: Katerina Calderone, Lora L. Harpster, Howard Ingle,
Karen Kwan, Shannon Flynt
Instructors: Lara Field

THE PROGRAM
Students are advised to check with the department or an
academic advisor to determine which psychology courses are
transferable to other colleges within the Utah System of Higher
Education. The Psychology department offers individual courses
in psychology as well as a two-year AS degree. Listed below is
the recommended course of study for the proposed AS degree in psychology.

PREREQUISITES
It is the student’s responsibility to examine each course descrip-
tion for details of prerequisite classes. Those prerequisites
MUST be satisfied before the designated class may be taken.
Faculty may deny enrollment if prerequisites have not been met.

PREPARATION NOTE
Students who need to take preparatory classes to meet the
requirements of first semester courses should plan on extra time
to complete the program.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>CORE SKILLS COMPOSITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing 3 A</td>
</tr>
<tr>
<td>ENGL 1010 Intern Writing 3 A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>QUANTITATIVE LITERACY</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1030 Quant Reas 3 A</td>
</tr>
<tr>
<td>OR MATH 1040 Statistics 3 A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AMERICAN INSTITUTIONS (3 CREDITS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 1740 Econ Hist of US 3 A</td>
</tr>
<tr>
<td>OR HIST 1700 Amer Civilization 3 A</td>
</tr>
<tr>
<td>OR POLS 1100 US Gov &amp; Politics 3 A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INSTITUTIONAL REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIFE LONG WELLNESS</td>
</tr>
<tr>
<td>HLAC 1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STUDENT CHOICE (3 CREDITS)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>COMPUTER LITERACY</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>DISTRIBUTION AREAS</th>
</tr>
</thead>
</table>
Choose one course (three credit hours) from each of the following distribution areas.

<table>
<thead>
<tr>
<th>Biology Science (BS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fine Arts (FA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Humanities (HU)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Interdisciplinary (ID)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Physical Science (PS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social Science (SS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 A</td>
</tr>
</tbody>
</table>

See pp. 23-27 for options in each of these categories.

<table>
<thead>
<tr>
<th>MAJOR COURSE REQUIREMENTS</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>REQUIRED COURSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 1010 Gen Psychology 3 A</td>
</tr>
</tbody>
</table>

Students may use PSY 1010 to fulfill a Major Course Requirement or a General Education Distribution Area in Social Science, but not both. If PSY 1010 is used to fulfill the Social Science Requirement, select 15 credit hours of Psychology courses from the following:

222
**RADIOLOGIC TECHNOLOGY**

**COMPLETE 12 CREDITS FROM THE FOLLOWING:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Grade</th>
<th>Co-Requisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 1100</td>
<td>4</td>
<td></td>
<td>2500, 2600</td>
</tr>
<tr>
<td>PSY 2250</td>
<td>3</td>
<td></td>
<td>ENGL 1010, PSY 1010</td>
</tr>
<tr>
<td>PSY 2300</td>
<td>3</td>
<td>TBA</td>
<td>ENGL 1010, PSY 1010</td>
</tr>
<tr>
<td>PSY 2500</td>
<td>3</td>
<td>F, Sp</td>
<td>PSY 1010 or PSY 1010 or PSY 1010</td>
</tr>
<tr>
<td>PSY 2900</td>
<td>3</td>
<td>TBA</td>
<td>PSY 1010 or PSY 1010</td>
</tr>
</tbody>
</table>

**ELECTIVES (12 CREDITS)**

Complete 12 credits from the following or any college level course numbered 1000 or above.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Grade</th>
<th>Co-Requisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 1210</td>
<td>3</td>
<td></td>
<td>1210</td>
</tr>
<tr>
<td>PSY 1900</td>
<td>3</td>
<td></td>
<td>1900 or 1010 or 1010</td>
</tr>
<tr>
<td>PSY 2000</td>
<td>3</td>
<td></td>
<td>2000 or 1010 or 1010</td>
</tr>
<tr>
<td>PSY 2370</td>
<td>3</td>
<td>F, Sp</td>
<td>PSY 1010 or PSY 1010</td>
</tr>
<tr>
<td>PSY 2400</td>
<td>3</td>
<td></td>
<td>PSY 1010</td>
</tr>
<tr>
<td>PSY 2710</td>
<td>3</td>
<td></td>
<td>PSY 1010</td>
</tr>
</tbody>
</table>

**SAMPLE SCHEDULE**

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>MATH 1050</td>
<td>MATH 1050</td>
</tr>
<tr>
<td>R or MATH 1040</td>
<td>R or MATH 1040</td>
</tr>
<tr>
<td>PSY 1010</td>
<td>PSY 1010</td>
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<tr>
<td>ELECTIVE 3</td>
<td>ELECTIVE 3</td>
</tr>
<tr>
<td>TOTAL 15</td>
<td>TOTAL 15</td>
</tr>
</tbody>
</table>

**DEPARTMENTAL OFFERINGS COURSE**

<table>
<thead>
<tr>
<th>Course</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 1010</td>
<td>3</td>
<td></td>
<td>ENGL 1010, PSY 1010</td>
</tr>
<tr>
<td>PSY 1100</td>
<td>3</td>
<td></td>
<td>ENGL 1010, PSY 1010</td>
</tr>
<tr>
<td>PSY 1210</td>
<td>3</td>
<td></td>
<td>ENGL 1010, PSY 1010</td>
</tr>
<tr>
<td>PSY 1900</td>
<td>3</td>
<td></td>
<td>ENGL 1010, PSY 1010</td>
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<tr>
<td>PSY 2000</td>
<td>3</td>
<td></td>
<td>ENGL 1010, PSY 1010</td>
</tr>
<tr>
<td>PSY 2370</td>
<td>3</td>
<td></td>
<td>ENGL 1010, PSY 1010</td>
</tr>
<tr>
<td>PSY 2400</td>
<td>3</td>
<td></td>
<td>ENGL 1010, PSY 1010</td>
</tr>
<tr>
<td>PSY 2710</td>
<td>3</td>
<td></td>
<td>ENGL 1010, PSY 1010</td>
</tr>
</tbody>
</table>

**PUBLIC SAFETY**

SEE CONTINUING EDUCATION.

**PUBLIC SAFETY MANAGEMENT, BS**

SEE UNIVERSITY CENTER.

**RADIOLOGIC TECHNOLOGY**

Estimated costs per program:
- Books (per year) $800
- Dosimeter (per year) $128
- Lab costs (per year) $75
- Licensing Exam $170
- Vaccinations (No Insurance) $300

Academic Advisor: JCHSC, Room 424E, (801) 957-4407
Health Sciences Admissions: JCHSC, Room 424B, (801) 957-4163
Program Information: (801) 957-6015
www.slcc.edu/radtech

---

Professor: Lisa Wood
Assistant Professor: David Neil
Instructor: Rebecca Lowell

**THE MISSION**

The Radiologic Technology Program will provide students with the knowledge and skills necessary to competently perform radiologic procedures. The Program will offer a curriculum that encourages problem solving skills, critical thinking, communication skills, professional growth, and professional development. The students will utilize this knowledge to successfully pass the ARRT examination and secure employment.

**THE PROGRAM**

Radiographers provide patient services using imaging modalities at the request of physicians qualified to prescribe and/or perform radiologic procedures. A radiographer performs radiographic procedures, applies principles of radiation protection, evaluates radiographs for technical quality, exercises professional judgment and provides patient care. Radiographers can find employment in hospitals, clinics, private offices, industry and public health facilities.

The Associate of Applied Science degree in radiologic technology leads to a national certification and state licensure. The program offers students didactic and clinical experiences to learn skills of an entry-level radiographer. Radiology courses are taught at Jordan Health Sciences Bldg., Jordan Campus and clinical education occurs at local health care facilities. Students can complete General Education classes at any SLCC Campus location.

The program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 N. Wacker Dr., Suite 2850, Chicago, IL 60606-3182. Graduates are eligible to take the American Registry of Radiologic Technology (ARRT) examination in Radiography. The program requires four consecutive semesters and one summer term of full-time day commitment with an average weekly involvement of 35 hours. Clinical and academic involvement for students may never exceed 40 hours per week.

**PREPARATION NOTE**

Students accepted into the radiology program must meet the same health and safety requirements that the participating facilities require of their own employees. These requirements must be completed by the first day of the beginning of the program. The health and safety requirements of the program are:

- CPR Certification – (Health Care Provider) as provided by The American Heart Association or the American Red Cross are the only courses accepted. 2 yr certification is preferred. A fee is required.
  - Required Immunizations
    1. Tetanus
    2. MMR (Measles, Mumps, Rubella)
    3. Negative tuberculosis skin test *
    4. Hepa-vax (Hepatitis B) Series of 3
    5. Varicella Vaccine
    6. Hepatitis A (Recommended/Optional)
    * In the event that students have a positive TB skin test, a negative TB chest X-ray is required.

A student may decide to refuse any of the vaccinations by signing waiver and release forms.

Specific information will be given to accepted students by program faculty regarding testing sites that have been approved by SLCC for both drug-screening test and criminal background check. The expenses of these requirements are additional student costs.

The clinical placement agencies make the final determination about accepting students for placement in their facility, and may decline to have students placed at their facility, based on
the criminal background record of the student. The latter may cause the student not to be able to complete all of the program requirements.

In addition, it will be the responsibility of the student to contact the licensing agency and seek advice regarding eligibility for licensure and requirements needed to progress in this profession, if the criminal background check discloses issues of concern.

GENERAL COLLEGE ADMISSION
A student seeking admission to the radiologic technology program must first be admitted through the Enrollment Services as a matriculated student with a major of radiologic technology by doing the following:

1. Submit "Application for Admission as a Matriculated Student".
2. Pay general College application fee.
3. Complete ACT or Accuplacer placement test. This test may be waived at the discretion of Health Sciences Academic Advisor on the basis of previous college course work.

NOTE: SLCC does not have minimum required test scores for admission. However, SLCC Math and English departments have mandatory placement policies which require that students enroll in the Math and English classes indicated by their test scores.

SPECIAL NOTE FOR TRANSFER STUDENTS
Transcripts from other colleges or universities submitted with application are subject to the following policies:

1. Transcripts must be official (sealed and sent by the issuing institution) and must be sent directly to the Enrollment Services.
2. Transfer credits and course grades are considered only on completed courses in which grades are received, not on course-in-progress.

CLASS AVAILABILITY
Semesters in which courses are taught are listed. Radiology classes are held during the day; two days per week and clinical education experiences are held during the day, three days per week.

An evening program is offered every even-numbered year. Classes are held two nights a week with clinical education experiences held three days a week, (two evening and one day rotation).

Students may be required to attend non-traditional clinical hours (evenings & weekends) at some facilities. Weekend shifts in the hospitals allow the student to see a variety of examinations and work more independently than during the week. These rotations will be limited to once a month. Hospitals requiring this will be announced during new student orientations.

ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN RADIOLOGIC TECHNOLOGY
(79 hours including prerequisites)

ADMISSION PREREQUISITE C GRADE OR BETTER COURSE:

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<td>Intro to Writing</td>
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<td>A</td>
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ENGLISH QUALIFICATIONS: (ONE OF THE FOLLOWING)

a. AP English credit: must be listed on SLCC transcript
b. CLEP English credit: must be listed on SLCC transcript
c. ENGL 1010: C grade or better

MATH QUALIFICATIONS: (ONE OF THE FOLLOWING)

a. Accuplacer score: college level math 43 within 1 yr
b. ACT score: math 22 within 1 yr
c. MATH 1010 or 1020: C grade or better

BIOL 1610 College Biology I 4 A Placement Req w/BIOL 1615 Lab

BIOL QUALIFICATION:

a. BIOL 1610: C grade or better

ADMISSION PREREQUISITE B- GRADE OR BETTER

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BIOLOLOGY QUALIFICATION:

a. BIOL 2320: B- Grade or better within 5 yrs

When students complete program prerequisites, they must submit an application for the Radiologic Technology Program through Health Sciences Admission Office.

MAJOR COURSE REQUIREMENTS
Students have to be admitted to the program before they can take any Radiologic Technology Courses listed below, with the exception of RADS 1010 which is open to anyone.

<table>
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NOTE: RADS 1010 is open to all students and is highly recommended to be taken before acceptance into the Radiology Program. CIS 1020 and COMM 1010 are also highly recommended to be taken while the student waits to enter the program.

SAMPLE SCHEDULE

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MILITARY SCIENCE (ARMY ROTC)

THE PROGRAM
The Army ROTC program teaches applied leadership and management skills to college students who, upon graduation, receive commissions as officers and serve in the U.S. Army, Army National Guard, or Army Reserve.

Army ROTC helps students develop many of the qualities basic to success in the Army or in a civilian career. It gives students a valuable opportunity to build for the future by enabling them to pursue a college degree and an officer's commission at the same time.

Army ROTC has specific enrollment criteria. Call (801) 581-6716 for clarification.

BASIC COURSE
During the first two years of the program, there is no military commitment incurred by students. Only after transferring to a four-year institution are students committed to serve.

ARMY ROTC ADVANCED COURSE
Upon successful completion of the basic course, or its equivalent, students who have demonstrated the potential to become an officer and who have met the required entrance standards may be eligible to enroll in the advanced course. Only after transferring to a four-year institution such as the University of Utah or Weber State University can students apply for entrance into the Army ROTC advanced course. Acceptance into the advanced course obligates the students to a service commitment.

BASIC CAMP
Students who did not take advantage of the basic course opportunity during their first two years of college may qualify for the advanced course by completing a six-week, expenses paid Army ROTC summer camp at Fort Knox, Kentucky. Information on this camp may be obtained by calling the Department of Military Science, University of Utah, (801) 581-6716.

VETERANS
Veterans who meet entrance requirements into the advanced course are not required to take any basic course classes, but should contact the Department of Military Science, University of Utah, (801) 581-6717.

SCHOLARSHIP PROGRAM
Two- and three-year scholarships are available to be used at a four-year institution with an Army ROTC program. Information regarding the scholarship program can be obtained by calling the Department of Military Science, University of Utah, (801) 581-6716.

BOOKS AND SUPPLIES
All necessary textbooks and materials for the basic course are furnished to the students. Classes are taught at the University of Utah.

LEADERSHIP LABORATORIES
Attendance at a weekly leadership laboratory is required. Lab fees are payable during the first week of classes directly to the academic department and are used to provide materials, transportation and equipment rental for students.

Enrollment is open to students who are:

1. U.S. citizens or applicants for naturalization; and
2. At least 17 years old.

REFRIGERATION JATC TECHNOLOGY APPRENTICESHIP
SEE APPRENTICESHIPS SECTION.

RESERVE OFFICER TRAINING CORPS (ROTC)

Miller Campus
Continuing Education (801) 957-3807
General Information (801) 957-4073

AEROSPACE STUDIES (AIR FORCE ROTC)

THE COURSEWORK
Aerospace Studies (Air Force ROTC) trains individuals interested in becoming officers in the United States Air Force. The first two years offer academic preparation in interdisciplinary areas, including communication skills, Air Force history, leadership and management principles and practices, decision making theory and policy formulation, ethics and valuing. Excellent scholarship opportunities are available. Air Force ROTC has specific enrollment criteria. Call (801) 581-6236 for clarification.

CLASS AVAILABILITY
The semesters in which courses are taught are listed below. Students should check the semester class schedule for day availability (no evening classes) and modifications caused by varying enrollment.

Enrollment is open to men and women who:

1. Are U.S. citizens or applicants for naturalization (non-US citizens may participate in the general military course for academic credit only).
2. Are at least 14 years of age, and
3. Are enrolled as full-time students in a course of study leading to an academic degree.

BOOKS AND SUPPLIES
All necessary ROTC textbooks, uniforms and other essential materials for the basic course are furnished to students at no cost. After completing the basic course, students who have demonstrated the potential to become officers and who have met physical/scholastic standards are eligible to enroll in the advanced course.

MAJOR COURSE REQUIREMENTS

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SAMPLE SCHEDULE

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RUSSIAN

SEE LANGUAGE AND CULTURE.

SAMOAN

SEE LANGUAGE AND CULTURE.

SALT LAKE REGION SMALL BUSINESS DEVELOPMENT CENTER

SEE CONTINUING EDUCATION.

SCIENCE

SEE BIOLOGY, CHEMISTRY, ENVIRONMENTAL TECHNOLOGY, GEOSCIENCES AND PHYSICS.

SMALL BUSINESS DEVELOPMENT

SEE BUSINESS MANAGEMENT. SEE ALSO CONTINUING EDUCATION.

SOCIAL SCIENCE

South City Campus N109 (801) 957-4933
General Information (801) 957-4073
Academic Advisor (801) 957-3361

THE PROGRAM

There are four options under Social Science: History, Political Science, Psychology, and Sociology. See individual program pages under those titles for details on each option.

Students should check with the departments to determine which courses are transferable to other colleges within the Utah System of Higher Education.

SOCIAL WORK

Department Chair: Enrique Velasquez
General Information (801) 957-4933
Academic Advisor (801) 957-3361
South City Campus N103 (801) 957-4002
Associate Professor: Maquette Sorensen

THE PROGRAM

Social Work students learn to provide professional services for emotionally, economically or socially disadvantaged persons.

This introductory level program will acquaint students to the multi-faceted, multi-skilled Social Work profession. Students learn issues in the provision of services to emotionally, economically, mentally or socially disadvantaged persons. The program also requires internships where the student will learn to apply and further understand theoretical frameworks discussed in class.

PREREQUISITES

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. It is important that all students take Psychology 1010 and Sociology 1010 early in the program.

TRANSFERABILITY OF CREDITS

Due to the numerous possibilities, it is suggested that students consult the Social Work Department for information on how the higher education institutions accept credits for a given class. For specific information, contact the institution in which the transfer of credit is desired or the Social Work Department.

CLASS AVAILABILITY

Semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 63 hours required)

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 2010 Intern Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
<tr>
<td>MATH 1030 Quantitative Res</td>
<td>3</td>
<td>A</td>
<td>MATH 1010</td>
</tr>
<tr>
<td>MATH 1040 Statistics</td>
<td>3</td>
<td>A</td>
<td>MATH 1010</td>
</tr>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better</td>
</tr>
<tr>
<td>HIST 1700 Amer Civilization</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better</td>
</tr>
<tr>
<td>*POLS 1100 US Gov &amp; Politics</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better</td>
</tr>
</tbody>
</table>

*Required for University of Social Work program.

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC ______ 1 A none

STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

DISTRIBUTION AREAS

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

Biological Science (BS) 34 A RDG 0990 w/C or better

Fine Arts (FA) 3 A none

Humanities (HU) 3 A none

Interdisciplinary (ID) 3 A none

Physical Science (PS) 3 A none

Social Science (SS/PSSY 1010) 3 A none

See pp. 23-27 for options in each of these categories.

TRANSFER NOTES

These General Requirement courses are required in the Social work programs at the institutions indicated:

WEBER STATE UNIVERSITY

BIOL 1010, PSY 1010, SOC 1010.
MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 1010 Intro to Sociology</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>SW 1010 Intro Social Wk</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>SW 2100 Hu Beh Soc Env</td>
<td>3</td>
<td>A</td>
<td>SW 1010</td>
</tr>
<tr>
<td>SW 2230 Intro Grp Ther</td>
<td>2</td>
<td>F, Sp</td>
<td>SW 2100</td>
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<tr>
<td>SW 2280 Drug/Alc Abus</td>
<td>2</td>
<td>F, Sp</td>
<td>SW 1010</td>
</tr>
<tr>
<td>SW 2650 Soc Welfare Po</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>SW 2750 Mental Health</td>
<td>2</td>
<td>F, Sp</td>
<td>SW 1010</td>
</tr>
<tr>
<td>SW 2750 Ethics Soc Wk</td>
<td>2</td>
<td>F</td>
<td>SW 1010</td>
</tr>
<tr>
<td>SW 2920 Social Work Internship I</td>
<td>2</td>
<td>A</td>
<td>SW 2100, SW 2750, SW 2720, SW 2100</td>
</tr>
</tbody>
</table>

| SW 2930 Social Work Internship II | 3  | F, Sp | SW 2920 |

**ELECTIVES (3 CREDITS)**

| ETHS 2410 African Amer         | 3  | Sp  | none          |
| ETHS 2420 Asian American       | 3  | F   | none          |
| ETHS 2430 Mexican Amer         | 3  | Sp  | none          |
| ETHS 2440 Native American      | 3  | F   | none          |
| SW 1900 Special Studies        | 1-2 | A  | SW 1010       |
| SW 2110 Social Wk Resch        | 2  | TBA | SW 1010      |
| SW 2900 Special Topics         | 1-3 | TBA | none          |

**SAMPLE SCHEDULE**

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
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<tr>
<td>MATH 1030/1040</td>
<td>SOC 1010</td>
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<td>SW 1010</td>
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<td>LE 1020</td>
<td>LE 1020</td>
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<tr>
<td>TOTAL 15</td>
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<table>
<thead>
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<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
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</thead>
<tbody>
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</tr>
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<td>SW 2930</td>
</tr>
<tr>
<td>SW 2280</td>
<td>PSY 1010</td>
</tr>
<tr>
<td>A.L.</td>
<td>ENTHS</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>HUMA</td>
</tr>
<tr>
<td>TOTAL 16</td>
<td>TOTAL 17</td>
</tr>
</tbody>
</table>

**NOTE**: The SW 2920 (Internship I) should be completed concurrently with SW 2930 (Internship II) during the last semester of course work. Some Social Work Faculty for more details. Admission into a major program at a transfer institution depends upon the receiving institution’s requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See the Academic Advisor at both SLCC and the intended receiving institution for specific articulation information, also available at the Utah System of Higher Education web site: www.utahsbr.edu/hei02a.html.

**COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF ARTS TRANSFER DEGREE**

**GENERAL EDUCATION REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 2010 Interim Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
</tbody>
</table>

**QUANTITATIVE LITERACY**

| MATH 1040 Intro to Statistics | 3  | A   | MATH 1010     |
| MATH 1030 Quant Reasoning     | 3  | 1   | MATH 1010     |

**AMERICAN INSTITUTIONS (3 CREDITS)**

| ECON 1740 Econ Hist of US | 3  | A   | RDG 0990 w/C or better or appropriate placement |

**INSTITUTIONAL REQUIREMENTS**

**LIFELONG WELLNESS**

| HLAC | 1 | A | none |

**STUDENT CHOICE (3 CREDITS)**

**COMPUTER LITERACY**

**DISTRICT AREAS**

Choose one course (three credit hours) from each of the following distribution areas. One of the courses must also be a Diversity course (DV).

**BIOLOGICAL SCIENCE (BS)**

| 3 | A | RDG 0990 w/C or better |

**FINE ARTS (FA)**

| 3 | A | none |

**HUMANITIES (HU)**

| 3 | A | none |

**INTERDISCIPLINARY (ID)**

| 3 | A | none |

**PHYSICAL SCIENCE (PS)**

| 3 | A | none |

**SOCIAL SCIENCE (SS) (PSY 1010)**

| 3 | A | none |

See pp. 23-27 for options in each of these categories.

**TRANSFER NOTES**

These General Requirement courses are required in the Social work programs at the institutions indicated:

**WEBER STATE UNIVERSITY**

| BIOL 1010, PSY 1010, SOC 1010 |

**UNIVERSITY OF UTAH**

| BIOL 1010, PSY 1010, SOC 1010 |

**UTAH STATE UNIVERSITY**

| ANTH 1010, BIOL 1010, MATH 1040, PSY 1010, SOC 1010 |

**MAJOR COURSE REQUIREMENTS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>SOC 1010 Intro to Sociology</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>SW 1010 Intro Social Wk</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>SW 2100 Hu Beh Soc Env</td>
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<tr>
<td>SW 2930 Social Work Internship II</td>
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<td>F, Sp</td>
<td>SW 2920</td>
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<th>SPRING SEMESTER</th>
</tr>
</thead>
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<td>LE 1020</td>
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<td>TOTAL 18</td>
<td>TOTAL 20</td>
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<tr>
<th>2ND FALL SEMESTER</th>
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<tbody>
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SOCIOLGY
South City Campus N109 (801) 957-4981
General Information (801) 957-4073
Academic Advisor (801) 957-3361

Professors: Anne Graham
Associate Professors: Spencer Blake, Deidre Tyler
Instructor: Dwight Adams

THE PROGRAM
Sociology is concerned with social causes and consequences of human behavior. Subject matter ranges from the family to deviant behavior, gender to social problems, divisions of race, ethnicity and class to shared beliefs of a common culture. A degree in sociology will prepare students for degrees/careers in the social sciences, law, business and other professions. Social work students are also encouraged to take classes in sociology in order to establish a strong theoretical base. A recommended course of study is listed below.

The sociology department offers individual courses in sociology as well as a two-year AS degree with an emphasis in sociology.

Students should check with the department to determine which courses are transferable to other colleges within the Utah System of Higher Education.

PREREQUISITES
It is the student’s responsibility to examine each course description for details for prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

PREPARATION NOTE
Students who need to take preparatory classes to meet requirements of first semester courses should plan on extra time to complete the program.

CLASS AVAILABILITY
Semesters in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollment.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 61 hours required)

GENERAL EDUCATION REQUIREMENTS

<table>
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</tr>
<tr>
<td>ENGL 2010 Intern Writing</td>
<td>3</td>
<td>A ENGL 1010 w/C or better</td>
</tr>
<tr>
<td>MATHEMATICAL LITERACY</td>
<td>3</td>
<td>A MATH 1010</td>
</tr>
<tr>
<td>AMERICAN INSTITUTIONS (3 CRED)</td>
<td>3</td>
<td>A RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>HIST 1700 Amer Civilization</td>
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<td>A RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>POLS 1100 US Gov &amp; Politics</td>
<td>3</td>
<td>A RDG 0990 w/C or better or appropriate placement</td>
</tr>
<tr>
<td>HLAC ___</td>
<td>1</td>
<td>A none</td>
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DEPARTMENTAL OFFERINGS

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<tr>
<th>COURSE</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>SOC 1010 Intro to Sociology</td>
<td>3</td>
<td>A none</td>
</tr>
<tr>
<td>SOC 1020 Social Problems</td>
<td>3</td>
<td>A SOC 1010</td>
</tr>
<tr>
<td>SOC 2630 Gender in America</td>
<td>3</td>
<td>A SOC 1010 or SOC 2630</td>
</tr>
<tr>
<td>SOC 2630 Race/Ethnicity</td>
<td>3</td>
<td>A SOC 1010</td>
</tr>
<tr>
<td>SOC 2630 Intermountain West</td>
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<td>A SOC 1010</td>
</tr>
<tr>
<td>SOC 2630 Marriage &amp; Family</td>
<td>3</td>
<td>A SOC 1010</td>
</tr>
<tr>
<td>SOC 2630 Special Topics</td>
<td>3</td>
<td>A SOC 1010</td>
</tr>
</tbody>
</table>

SPANISH
SEE LANGUAGE AND CULTURE.

STAGEHAND JATC TECHNOLOGY APPRENTICESHIP
SEE APPRENTICESHIPS SECTION.
The health and safety requirements of the program are:

- **Guided Community Service**: six hours of guided community service.
- **Application Documentation**: must submit all application documentation to Enrollment Services.
- **Clinical Site Limitation**: limited to the number of available clinical sites. Applicants must meet the requirements before and after the procedure. The surgical technologist is responsible for care of the instruments needed for the job. Enrollment in the surgical technology program is limited to the number of available clinical sites. Upon completion of the program, the surgical technology student receives a certificate of completion.

The surgical technologist, working under the direct supervision of a registered nurse, assists with surgical procedures, setting up and handling the instruments, sutures, and other equipment that are needed to perform the procedure and is responsible for care of the instruments before and after the procedure. The surgical technologist must be in good physical and mental health to withstand the stress of the job. Enrollment in the surgical technology program is limited to the number of available clinical sites. Applicants must submit all application documentation to Enrollment Services.

This is a service learning program requiring students to perform six hours of guided community service.

The health and safety requirements of the program are:

- **Tdap**: one Tetanus, Diphtheria, and Pertussis booster is required. If you have had a Td within the last two years, you will need to wait until it has been over two years to receive your Tdap injection.
- **Measles, Mumps, Rubella (MMR)**: Immunizations - 2 immunizations are required or proof of positive immunity (TITRE) for all three.
- **Chicken Pox Immunizations**: 2 immunizations are required or proof of positive immunity (TITRE).
- **Hepatitis B Vaccination Series**: Students must provide proof of at least 2 of the 3 traditional dose series or 3 of the accelerated TwinRx series prior to April 1st or proof of positive immunity (TITRE).
- **Physical Exam by a Licensed Medical Professional**
- **Current CPR Certification**: American Heart Association
- **Health Care Provider**: must be listed on SLCC
- **TB Test**: If there is a history of a prior positive result then the student will need to bring in proof of their last negative Chest X-ray.
- **Criminal Background Check and Drug Testing**
- **Specific information will be given to accepted students** by program faculty regarding testing sites that have been approved by SLCC for both drug-screening test and criminal background check. The expenses of these requirements are additional student costs.

The clinical placement agencies make the final determination about accepting students for placement in their facility, and may decline to have students placed at their facility, based on the criminal background record of the student. The latter may cause the student not to be able to complete all of the program requirements.

In addition, it will be the responsibility of the student to contact the licensing agency and seek advice regarding eligibility for licensure and requirements needed to progress in this profession, if the criminal background check discloses issues of concern.

### PREPARATION NOTE

Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program.

### GENERAL COLLEGE ADMISSION

A student seeking admission to the surgical technology program must first be admitted through Enrollment Services as a matriculated student with a major of health sciences by doing the following:

1. Submit Application for Admission as a Matriculated Student.
2. Pay general College application fee.
3. Complete ACT or Accuplacer (placement test). This test may be waived at the discretion of the Health Sciences Academic Advisor on the basis of previous college coursework.

**NOTE**: SLCC does not have minimum required test scores for admission. However, SLCC Math and English departments have mandatory placement policies which require that students enroll in the Math and English classes indicated by their test scores.

### SURGICAL TECHNOLOGY PROGRAM ADMISSION CRITERIA

In addition to the above requirements, those seeking admission to the surgical technology program must meet the following admission criteria. Applicants will be accepted into the program in order of their qualifying date (the date upon which all requirements have been met and all materials submitted to the Health Sciences Admissions Office by providing proof of completion of the following:

1. *BIOL 2310/2315 (Human Anatomy lecture and lab)*

   - with minimum grade of C- taken within the past five years.

   - These courses have prerequisites. See course descriptions for prerequisite information.

2. **Math and English qualifications**: Copies of qualifying test scores must be submitted with the Surgical Technology application.

   **Math Qualifications** (one of the following)
   - Accuplacer score: Elementary Algebra 54 within one year;
   - **ACT** score: Math 18 within one year; or
   - **MATH 0990** with C or better

   **English qualifications** (one of the following)
   - AP English credit - must be listed on SLCC transcript;
   - **CLEP** English credit - must be listed on SLCC transcript;
   - **ENGL 1010** - English Composition C or better

3. **Separate application to the surgical technology program**, available in the Health Sciences Admissions Office or online, [www.slcc.edu/surgicaltech](http://www.slcc.edu/surgicaltech).
4. Official sealed transcripts must be submitted from ALL colleges/universities where the student has completed prerequisite course work for application to the program.

Applicants will be notified by mail of their admission status. Students begin in August. If necessary a waiting list will be established for future years. The waiting list will include only those applicants who have met all requirements above and are admitted to the program.

To retain a position in the program, students must complete the technical curriculum in the order outlined and receive a C+ grade or better in each required class, and a C+ or better in BIOL 2320/2325. Applicants must supply documentation of all selection criteria to the health science admissions technician.

SPECIAL NOTE FOR TRANSFER STUDENTS
Transcripts from other colleges or universities submitted with application are subject to the following policies:

1. Transcripts must be official (sealed and sent by the issuing institution) and must be sent directly to the Enrollment Services Office.

2. Transfer credits and course grades are considered only on completed courses in which grades are received, not on course-in-progress.

This program is taught two consecutive semesters, fall and spring. Surgical technology courses (SURG) must be taken in the order prescribed by the department. Other required courses must be completed by the time they are listed on the curriculum pattern and may be completed ahead of time.

Students are placed in two different hospital settings during the clinical classes SURG 1510 and SURG 1610. Students must attend four specified days each week from 7 a.m. to 3 p.m. Clinical settings include hospitals from Ogden to Provo. Students must provide their own transportation. A liability fee of $20 per semester is required.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY
The semester in which courses are taught are listed below. Students should check semester class schedule for the day/ evening availability and modifications caused by varying enrollment.

CERTIFICATE OF COMPLETION/CTE SURGICAL TECHNOLOGY
(minimum 32 hours required)

<table>
<thead>
<tr>
<th>MAJOR COURSE REQUIREMENTS</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<td>COMM 1010 Intro to Comm</td>
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<td>A</td>
<td>none</td>
</tr>
<tr>
<td>PSY 1210 Pscl Growth Dev</td>
<td>3</td>
<td>A</td>
<td>none</td>
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<td>PSY 1100 Human Growth</td>
<td>3</td>
<td>A</td>
<td>none</td>
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<tr>
<td>MA 1100 Terminology</td>
<td>2</td>
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<td>none</td>
</tr>
<tr>
<td>SURG 1200 Intro Surg Thry</td>
<td>6</td>
<td>F</td>
<td>Admission into program</td>
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<tr>
<td>SURG 1250 Adv Theory</td>
<td>6</td>
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<td>SURG 1200, SURG 1500, SURG 1510*</td>
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<td>Sp</td>
<td>SURG 1500, SURG 1510*</td>
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<td>SURG 1600 Comp Surg Tech</td>
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<td>Sp</td>
<td>SURG 1500, SURG 1510*</td>
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</tbody>
</table>

SURG 1610 Surg Prac II  5  Sp  SURG 1500, SURG 1600*  SURG 1500/1510, SURG 1600*  SURG 1500/1510 and 1600/1610 are Co-Requisites

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
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<tr>
<td>PSY 1210 3</td>
<td>COMM 1010 3</td>
</tr>
<tr>
<td>OR</td>
<td>SURG 1500 1</td>
</tr>
<tr>
<td>PSY 1100 3</td>
<td>SURG 1510 5</td>
</tr>
<tr>
<td>MA 1100 2</td>
<td>SURG 1600 1</td>
</tr>
<tr>
<td>SURG 1200 6</td>
<td>SURG 1610 5</td>
</tr>
<tr>
<td>SURG 1250 6</td>
<td>TOTAL 17</td>
</tr>
</tbody>
</table>

SURVEYING TECHNOLOGY

Taylorsville Redwood Campus
General Information (801) 957-4073
Academic Advisor (801) 957-4585
www.slcc.edu/surveying

Instructor & Program Coordinator: Walt Cunningham

THE PROGRAM
The surveying program serves three distinct purposes:

1. Provides students who have little or no experience in the field the skills needed for employment as a surveyor;
2. Gives those already working in the profession additional knowledge needed to prepare for their professional licensing examinations; and
3. Gives licensed professionals opportunities for upgrade training on new issues and equipment in surveying.

PREPARATION NOTE
Students who need to take preparatory classes to meet the requirements of first semester courses (see summer term in sample schedule) should plan on extra time to complete the program.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken and may require extra time to complete the program.

CLASS AVAILABILITY
Courses are taught in the evening and on Friday and Saturday to accommodate students already working in the profession. (Courses available in an online format are SVT1010, SVT2050, SVTY 1110 AND SVT 2060).

The majority of the courses are taught in the evening to accommodate students already working in the profession.

ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN SURVEYING
(minimum 69 hours required)

GENERAL EDUCATION REQUIREMENTS (16 CREDIT HOURS)

<table>
<thead>
<tr>
<th>CORE SKILLS</th>
<th>COMPOSITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3  A  pre-test</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>QUANTITATIVE STUDIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>SVT 1110 Surveying Mth I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COMMUNICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM1010 Elem of Eff Comm</td>
</tr>
<tr>
<td>COMM1220 Principles of Pub Spk</td>
</tr>
</tbody>
</table>
HUMAN RELATIONS
LE 1220 Human Relation 3 A none

DISTRIBUTION AREAS (3 CREDITS)
Choose an additional three credit hours from one of the following distribution areas:
Biological Science (BS) 3-4 A none
Fine Arts (FA) 3 A none
Humanities (HU) 3 A none
Interdisciplinary (ID) 3 A none
Physical Science (PS) 3 A none
Social Science (SS) 3 A none
See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (53 CREDIT HOURS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>*EDDT 1040 Intro to CAD</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>*EDDT 1420 Bsc Micr.</td>
<td>2</td>
<td></td>
<td>none</td>
</tr>
<tr>
<td>*EDDT 2190 Civil Drafting</td>
<td>2</td>
<td>F, Sp</td>
<td>EDDT 1040, EDDT 1420, ENGL 1010</td>
</tr>
<tr>
<td>ENGL 2100 Technical Wring</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010</td>
</tr>
<tr>
<td>GEOG 1800 Geospatial Technology</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>SVT 1010 Intro to Svryng</td>
<td>1</td>
<td>F, S</td>
<td>none</td>
</tr>
<tr>
<td>SVT 1030 Survey Field Tech I</td>
<td>3</td>
<td>F, Sp</td>
<td>SVT 1110 or MATH 1160</td>
</tr>
<tr>
<td>SVT 1120 Surveying Math  II</td>
<td>4</td>
<td>Sp</td>
<td>SVT 1110</td>
</tr>
<tr>
<td>SVT 2020 Public Land Srv</td>
<td>3</td>
<td>Sp</td>
<td>SVT 1030, SVT 1120</td>
</tr>
<tr>
<td>SVT 2030 Survey Field Tech II</td>
<td>3</td>
<td>F, Sp</td>
<td>SVT 1030</td>
</tr>
<tr>
<td>SVT 2040 Control Surveys</td>
<td>3</td>
<td>F</td>
<td>SVT 1120</td>
</tr>
<tr>
<td>SVT 2050 Legal Descrip</td>
<td>3</td>
<td>F, Sp</td>
<td>SVT 1120, SVT 2020 or concurrent, ENGL 2100</td>
</tr>
<tr>
<td>SVT 2160 Ethics &amp; Liability</td>
<td>2</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>SVT 2110 Photogrammetry</td>
<td>3</td>
<td>Sp</td>
<td>SVT 1110</td>
</tr>
<tr>
<td>SVT 2160 Land Badry Lw I</td>
<td>2</td>
<td>F</td>
<td>none</td>
</tr>
<tr>
<td>SVT 2170 Lnd Badry Lw II</td>
<td>2</td>
<td>Sp</td>
<td>SVT 2160 recommended, not required</td>
</tr>
<tr>
<td>SVT 2200 Public Records</td>
<td>2</td>
<td>F</td>
<td>SVT 2050, SVT 2160, SVT 2170, or concurrent</td>
</tr>
<tr>
<td>SVT 2290 App Srv Drifting</td>
<td>3</td>
<td>F</td>
<td>EDDT 2190, SVT 1030</td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Waived for equivalent experience or courses; challenge tests available.

ELECTIVES (6 CREDIT HOURS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 1820 Applied GIS I</td>
<td>3</td>
<td>A</td>
<td>GEOG 1800 or instructor approval</td>
</tr>
<tr>
<td>SVT 2100 Land Develop</td>
<td>3</td>
<td>F</td>
<td>SVT 1110</td>
</tr>
<tr>
<td>SVT 2000 Surveying Co-op</td>
<td>1-3</td>
<td>A</td>
<td>Instructor’s approval</td>
</tr>
<tr>
<td>SVT 2990 Special Topics</td>
<td>1-3</td>
<td>A</td>
<td>Instructor’s approval</td>
</tr>
</tbody>
</table>

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>SUMMER TERM</th>
<th>STUDENTS SHOULD COMPLETE THE FOLLOWING COURSES TO BEGIN THE PROGRAM IN THE FALL:</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDDT 1040</td>
<td>3 (WAIVED FOR PROOF OF EXPERIENCE)</td>
</tr>
<tr>
<td>GEOG 1800</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1010</td>
<td>4 (IF CPT SCORE NOT ADEQUATE)</td>
</tr>
<tr>
<td>TOTAL</td>
<td>3-10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDDT 1420</td>
<td>ENGL 2100</td>
</tr>
<tr>
<td>EDDT 2190</td>
<td>LE 1220</td>
</tr>
<tr>
<td>ENGL 1010</td>
<td>MATH 1010</td>
</tr>
<tr>
<td>SVT 1010</td>
<td>SVT 1120</td>
</tr>
<tr>
<td>SVT 1110</td>
<td>SVT 2060</td>
</tr>
<tr>
<td>DISTRIBUTION</td>
<td>SVT 2110</td>
</tr>
<tr>
<td>TOTAL</td>
<td>15 TOTAL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1010</td>
<td>SVT 2020</td>
</tr>
<tr>
<td>OR</td>
<td>SVT 2030</td>
</tr>
<tr>
<td>COMM 1020</td>
<td>SVT 2050</td>
</tr>
<tr>
<td>COMM 2040</td>
<td>SVT 2170</td>
</tr>
<tr>
<td>SVT 2160</td>
<td>SVT 2200</td>
</tr>
<tr>
<td>SVT 2290</td>
<td>SVT ELECTIVE</td>
</tr>
<tr>
<td>ELECTIVE</td>
<td>TOTAL</td>
</tr>
<tr>
<td>TOTAL</td>
<td>14</td>
</tr>
</tbody>
</table>

THEATER
SEE FINE ARTS.

THERAPEUTIC RECREATION TECHNICIAN
SEE CONTINUING EDUCATION.

TONGAN
SEE LANGUAGE AND CULTURE.

TRUCK DRIVING, PROFESSIONAL
SEE SCHOOL OF APPLIED TECHNOLOGY.

VIDEO/RADIO PRODUCTION

Taylorsville Campus, TB 322E (801) 957-4130
General Information (801) 957-4073
Academic Advisor (801) 957-4294

Professors: Carolyn Clark, Shirley Jones
Associate Professors: Julie Gay, Art Kanehara
Assistant Professors: Shirene Bell, Nick Burns, Roger Johnson, Jay Williams
Instructors: Tamara Phillips, Tyler Smith
www.slcc.edu/communication

THE PROGRAM
The Communication Department offers an Associate of Applied Science (AAS) degree in Video Production or Radio Production. This degree gives students hands-on experience and the opportunity to gain in-depth knowledge to go directly into the workplace. Students studying in this program will learn to effectively use aesthetic theories of visual imaging and sound throughout the production process, through a combination of lectures, studio and field production, post-production editing, and multimedia delivery.

Courses in the program are all learning-based and are designed to engage students to participate in the material presented in the classroom. Students learn to become active participants in media, rather than mere passive receivers of information. As students participate in coursework, they become media literate and begin to broaden their knowledge, think critically, communicate effectively, and grow through ethical considerations and civic engagement.

The Communication Department strongly encourages interdisciplinary collaboration and provides important opportunities for students in all areas of study to learn and incorporate multimedia content in each of their courses.

Globe Student Media (GSM) sets the Communication Department apart from other college programs. GSM provides a valuable step between coursework and working in the real-world. GSM offers students a paid learning environment that supports application of skills to create and produce media for a wide variety of real-world clients. For more information about GSM visit www.globestudentmedia.com

The Communication Department and GSM also collaborate to provide students independent study opportunities and valuable internships with local media partners. Each providing greater range of experience and assisting SLCC graduates to be more marketable. As multimedia content continues to surface in all areas of life, this degree gives students endless possibilities as they move to the workforce.

TRANSFER INFORMATION
Although the Broadcast Video/Audio Production Associate of Applied Science degree program is designed primarily to provide students with entry level skills to enter the job market, some of the courses may apply toward a bachelor’s degree. Students interested in pursuing professional Broadcasting, Video and
Audio at a four-year institution should obtain advising regarding the requirements and course selection criteria for the bachelor’s program.

PREPARATION NOTE
Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program.

PREREQUISITES
It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

CLASS AVAILABILITY
The semesters in which courses are taught are listed below. Students should check the semester class schedule for day/ evening availability and other modifications to the semester schedule.

ASSOCIATE OF APPLIED SCIENCE*CTE IN VIDEO OR RADIO PRODUCTION (MINIMUM 66 HOURS REQUIRED)

GENERAL EDUCATION REQUIREMENTS
(16 HOURS REQUIRED)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>COMPETENCY (EN)</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>none</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>QUANTITATIVE STUDIES (QS)</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1010 Interm Algebra</td>
<td>4</td>
<td>A</td>
<td>MATH 0990 or appropriate CPT score</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COMMUNICATION (CM)</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1010* Elem of Eff Comm</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMM 1020* Prin/Public Speaking (CM, IN)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CTEL 1020 Career Speech Skills</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

HUMAN RELATIONS (HR)
Take any Human Relations course; recommended:
COMM 2110* Interpersonal Comm 3 A none

DISTRIBUTION AREA
Choose an additional three credit hours from one of the following distribution areas.*
- Biological 3 A none
- Fine Arts 3 A none
- Humanities 3 A none
- Interdisciplinary 3 A none
- Physical Science 3 A none
- Social Science 3 A none

*Potential transfer students should consult with an advisor in selecting distribution areas that contribute towards an Associate of Science degree.

MAJOR COURSE REQUIREMENTS
(41-43 HOURS REQUIRED, PLUS INTERNSHIP)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1130* Reprinting/Mass Med</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1250 Intro to Perf Studies</td>
<td>3</td>
<td>F,Sp</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1500* Intro to Mass Comm. (ID)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1515 Basic Audio Production</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>COMM 1800 Digital Media Essnt</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>COMM 2000 Com CO-OP/Internship</td>
<td>6</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>COMM 2200 Intro Video Prod</td>
<td>4</td>
<td>F,Sp</td>
<td>COMM/ART/FLM/ENGL 1800 pref</td>
</tr>
<tr>
<td>COMM 2440 Web Site Design</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

**COMM Elect. **

**The number of internship hours determines number of hours students have available for electives to meet AAS credit hour requirements (66-69 total.) Other electives may be selected with prior COMM department approval. Among disciplines with applicable electives are: Writing, Accounting, Dance, Film, Music, Business, Web Development, Visual Art & Design, Animation, Production Art, Photography, Image Editing, Personal Finance, Art History, Theater, and Multimedia Authoring.

* These courses articulate to other USHE Communication Programs. Consult an advisor in advance for transfer information for other USHE institutions.

† COMM 1610* and COMM 1130 can be substituted for each other in the Communication program at SLCC.

General Education Recommendations (if any): For the Human Relations General Education Requirement, we recommend that our students take COMM 2110 as Interpersonal Communication is key when working in media production fields where team and group work is essential.
### SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1010</td>
<td>COMM 1500</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>COMM 1020</td>
<td>COMM 1130</td>
</tr>
<tr>
<td>COMM 1515</td>
<td>COMM 2200</td>
</tr>
<tr>
<td>COMM 1800</td>
<td>DIST</td>
</tr>
<tr>
<td>COMM 2570</td>
<td>TOTAL 17</td>
</tr>
<tr>
<td>ENGL 1010</td>
<td></td>
</tr>
<tr>
<td>TOTAL 17</td>
<td></td>
</tr>
</tbody>
</table>

### THIRD SEMESTER

<table>
<thead>
<tr>
<th>AUDIO SPECIALITY</th>
<th>FOURTH SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audio Speciality</td>
<td>Audio Speciality</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>COMM 1250</td>
<td>COMM 2500</td>
</tr>
<tr>
<td>COMM 2000</td>
<td>COMM 2990</td>
</tr>
<tr>
<td>COMM 2440</td>
<td>ELEC</td>
</tr>
<tr>
<td>TOTAL 13-20</td>
<td></td>
</tr>
</tbody>
</table>

### TRANSFER/ARTICULATION INFORMATION:

Although the Broadcast Video or Audio Production Associate of Applied Science degree program is designed primarily to provide students with entry level skills to enter the job market, some of the courses may apply toward a bachelor’s degree. Students interested in pursuing professional Broadcasting, Video and Audio at Utah State University should obtain advising regarding the requirements and course selection criteria for the bachelor’s program.

### VISUAL ART AND DESIGN

Taylor’s Redwood Campus • AT 206 (801) 957-5042  
General Information • (801) 957-4073  
Academic Advisor (801) 957-4294  
www.slcc.edu/visualart

Department Chair: Bryan Griggs

Professors: Sheila Chambers, Rick Graham, Lana Gruendell

Associate Professors: Brent Budd, Kerry Gonzales, Neal Reiland

Assistant Professors: Robert Adamson, Bryan Griggs, Whitney King Hyans, Terry Martin

Instructors: Andrew Wilson, Chad Erekson, Edward Rosenberger

### THE PROGRAM

Students with an aptitude in creative problem solving, drawing, design, photography and/or computer related visual communication should consider this rapidly expanding and competitive field. The Visual Art and Design Department allows students to specialize in six different areas:

- **ANIMATION** - Animation artists find varied careers in the creation of digital 2D and 3D art and animation in the video game, broadcast, film and internet industries.

- **DESIGN** - Graphic designers are responsible for the creative concept, design, layout and execution of printed and digital materials such as ads, brochures, logos, annual reports, catalogs, signs, packaging and posters. Students who follow this track will earn an AAS Degree in Visual Art and Design/Design Emphasis.

- **ILLUSTRATION** - Illustrators provide traditionally and digitally produced images, appropriate for use in advertising and editorial design applications. Students who follow this track will earn an AAS Degree in Visual Art and Design/Illustration Emphasis.

- **MULTIMEDIA** - Multimedia artists create digital 2D and 3D art and animation and use authoring tools to build digital applications for use on the World Wide Web and in corpo-rate, educational or entertainment titles. Students who follow this track will earn an AAS Degree in Visual Art and Design/Multimedia Emphasis.

- **PHOTOGRAPHY** - Photographers provide traditionally and digitally produced images appropriate for use in advertising and design applications including: web, stock, commercial, and editorial photography. Photographers also work as portrait, documentary and fine art photographers. Students who follow this track will earn an AAS Degree in Visual Art and Design/Photography Emphasis.

- **ELECTRONIC PUBLISHING** - Students are taught to prepare artwork for successful printing. Students who follow this track will earn a Certificate of Completion.

### GENERAL AND ELECTIVE COURSES

General Education and elective courses provide training in effective oral and written communication and human relations skills. COMM 1010, COMM 1020, CTEL 1020 and ART 1150 are taught using group and team activities in the learning process to develop the student’s interactive skills and to build human values and ethics.

### PREPARATION NOTE

Students needing preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the program.

### PREREQUISITES

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

All prerequisite courses must be completed with a C or better grade in order to continue in the program. A student may be dropped from a class if the prerequisite has not been completed. If progress is not deemed satisfactory, students will be counseled and/or given probationary status.

### NOTE

Students or professionals wishing to register for a class in which a prerequisite class is required but has not been taken, should contact the instructor about acquiring possible approval to register for the class.

### CLASS AVAILABILITY

Students should check the semester class schedule on the Internet at www.slcc.edu for availability and modifications caused by varying enrollment. Required departmental classes are not offered every semester. To graduate in two years, students are encouraged to follow the suggested program schedule.

### VISUAL ART AND DESIGN DEPARTMENT

#### CLASS AUDIT STATEMENT

Not all Visual Art and Design (ART) classes may be audited. This is especially true for any Visual Art and Design class that has a prerequisite (see course catalog for list of prerequisite classes). Auditing a prerequisite course does not guarantee that the student has mastered the required skills needed for the next level class. Some Visual Art and Design classes that have a prerequisite may be audited if the student can demonstrate an appropriate skill level to the instructor before registering for the class. Students wishing to audit any Visual Art and Design (ART) class without officially completing a prerequisite class (with a ‘C’ grade or better) must obtain signed permission from the instructor or e-mail authorization before registering for the class. Visual Art and Design (ART) classes that do not have a prerequisite may be audited as per the Auditing Classes guidelines listed in the SLCC catalog.

### TRANSFER INFORMATION

**UTAH VALLEY UNIVERSITY**

An articulation agreement between the Digital Media Department of UVU and SLCC Visual Art and Design department is in place. For additional information, or for information about the
other focus areas, please contact an SLCC academic advisor and an academic advisor at UVU.

PHOTOGRAPHY ARTICULATION
Students desiring to transfer to a four-year institution in Photography should contact Professor Terry Martin.

FINE ARTS ARTICULATION
Students desiring to transfer to a four-year institution in Fine Art should contact Professor Rick Graham.

STUDENT ORGANIZATIONS
All students enrolled in the Visual Art & Design program automatically become members of SkillsUSA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, problem solving and skills necessary for employment. Students are encouraged to participate in competitions in their area of specialization.

For information on clubs or organizations within the Visual Art & Design Department, contact the advisor or instructors in the six areas of specialization.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE IN VISUAL ART AND DESIGN/ANIMATION EMPHASIS* (63 hours required)

GENERAL EDUCATION REQUIREMENTS (63-65 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
<tr>
<td>ENGL 2010 Intern Writing</td>
<td>3</td>
<td>A</td>
<td>ENGL 1010 w/C or better</td>
</tr>
</tbody>
</table>

QUANTITATIVE LITERACY

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1030 Quantitative Reas</td>
<td>3</td>
<td>A</td>
<td>MATH 1010 or CPT</td>
</tr>
<tr>
<td>MATH 1040 Statistics</td>
<td>3</td>
<td>A</td>
<td>MATH 1010 or CPT</td>
</tr>
<tr>
<td>MATH 1050 College Algebra</td>
<td>4</td>
<td>A</td>
<td>MATH 1010 or CPT</td>
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</table>

AMERICAN INSTITUTIONS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 1740 Econ Hist of US</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement score</td>
</tr>
<tr>
<td>HIST 1700 American Civiliza.</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement score</td>
</tr>
<tr>
<td>POLS 1100 US Gov &amp; Politics</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better or appropriate placement score</td>
</tr>
</tbody>
</table>

INSTITUTIONAL REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITE</th>
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</thead>
<tbody>
<tr>
<td>HLAC</td>
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<td>A</td>
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STUDENT CHOICE (3 CREDITS)

COMPUTER LITERACY

<table>
<thead>
<tr>
<th>DISTRIBUTION AREAS</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITE</th>
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<tbody>
<tr>
<td>Biological Science (BS)</td>
<td>3</td>
<td>A</td>
<td>RDG 0990 w/C or better</td>
</tr>
<tr>
<td>Fine Arts (FA)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Humanities (HU)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Interdisciplinary (ID)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Physical Science (PS)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Social Science (SS)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

See General Education Requirements in the General Catalog for options in each of these categories.

MAJOR COURSE REQUIREMENTS (30 CREDITS REQUIRED)

A minimum of 30 hours in Visual Art and Design and Animation are required for transferable credit into the Bachelor of Science Degree in Digital Media with emphasis in animation. The following ART components of this program will articulate with Utah Valley University:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1110 Foundation I Drawing</td>
<td>4</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>ART 1170 Animation I</td>
<td>5</td>
<td>Sp</td>
<td>ART 1110 and approval</td>
</tr>
<tr>
<td>ART 1800 Digital Media Essent</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ART 1110 Design</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ART 1260 Figure Drawing</td>
<td>3</td>
<td>A</td>
<td>ART 1110</td>
</tr>
<tr>
<td>ART 1870 Animation II</td>
<td>4</td>
<td>F</td>
<td>ART 1170 and approval</td>
</tr>
<tr>
<td>ART 2630 3DAnimtn (3DMax)</td>
<td>5</td>
<td>F, Sp</td>
<td>ART 1870 or instructor approval</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 2631 3D Animtn (Maya)</td>
<td>5</td>
<td>F, Sp</td>
<td>ART 1870 or instructor approval</td>
</tr>
<tr>
<td>ART 2470 Desktop Video Prod</td>
<td>2</td>
<td>F</td>
<td>ART 1870, or ART 1360, or ART 2340</td>
</tr>
</tbody>
</table>

NOTE: Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are restricted and require special application as well as a competitive GPA. See an Academic Advisor at both SLCC and the intended receiving institution for specific articulation information.

SAMPLE SCHEDULE

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
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<tbody>
<tr>
<td>ART 1110</td>
<td>ART 1120</td>
</tr>
<tr>
<td>ART 1150</td>
<td>ART 1170</td>
</tr>
<tr>
<td>ART 1220</td>
<td>ART 1260</td>
</tr>
<tr>
<td>ART 1800</td>
<td>ART 2010</td>
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<tr>
<td>ART 1210</td>
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<tr>
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<td>TOTAL</td>
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<tr>
<td>2ND FALL SEMESTER</td>
<td>2ND SPRING SEMESTER</td>
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<tr>
<td>ART 1670</td>
<td>ART 2630</td>
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<td>DIST</td>
<td>6</td>
</tr>
<tr>
<td>AM INST</td>
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<td>15</td>
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</table>

ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN VISUAL ART AND DESIGN/ANIMATION EMPHASIS (63-69 hours required)

Within the Animation specialization there are two options available: Animation/Illustration and Animation/Multimedia. Students who wish to enter the Animation field with an in-depth study of drawing and illustration should follow the Animation/Illustration track. Students who wish to enter the Animation field with an in-depth study of the technical and production end of the industry should follow the Animation/Multimedia track.

NOTE: Both the Animation/Illustration and Animation/Multimedia tracks are very drawing intensive. The Animation specialization is a very rigorous program and requires careful scheduling of classes to complete the program in a two-year period.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
</tr>
</tbody>
</table>
See General Education Requirements, pp. 23-27, for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ART 1110 Foundation I Drawing</td>
<td>4</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>ART 1120 Design</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ART 1170 Animation I</td>
<td>5</td>
<td>Sp</td>
<td>ART 1110 and approval</td>
</tr>
<tr>
<td>ART 1260 Figure Drawing</td>
<td>3</td>
<td>A</td>
<td>ART 1110</td>
</tr>
<tr>
<td>ART 1670 Animation II</td>
<td>4</td>
<td>F</td>
<td>ART 170 and approval</td>
</tr>
<tr>
<td>ART 1800 Digital Media Essent</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ART 2110 Foundation II Drawing</td>
<td>4</td>
<td>Sp, Su</td>
<td>ART 1110</td>
</tr>
<tr>
<td>ART 2412 Illustrator Software</td>
<td>2</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>ART 2440 Web Site Des</td>
<td>3</td>
<td>F, Sp</td>
<td>ART 1800 or ART 1280</td>
</tr>
<tr>
<td>ART 2670 Animation III</td>
<td>3</td>
<td>Sp</td>
<td>ART 1670 and approval</td>
</tr>
<tr>
<td>ART 2480 Comp Illus</td>
<td>2</td>
<td>Sp</td>
<td>ART 1800</td>
</tr>
</tbody>
</table>

ANIMATION/ELECTIVES

Complete the courses from ONE of the following tracks AND an additional minimum 3 credits in art electives:

ANIMATION/ILLUSTRATION TRACK (10 CREDITS)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 2210 Illustration I</td>
<td>3</td>
<td>Sp</td>
<td>ART 2100 and approval</td>
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<tr>
<td>ART 2260 Adv Fig Draw</td>
<td>2</td>
<td>F</td>
<td>ART 1260</td>
</tr>
<tr>
<td>ART 2270 Illustration II</td>
<td>3</td>
<td>F</td>
<td>ART 2110 and approval</td>
</tr>
<tr>
<td>ART 2290 Adv Illustration</td>
<td>2</td>
<td>Sp</td>
<td>ART 2270 and approval</td>
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</table>

ANIMATION/MULTIMEDIA TRACK (12 CREDITS)

<table>
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<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ART 1200 InDesign Software</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ART 2610 Multimedia/Authoring</td>
<td>2</td>
<td>F, Sp</td>
<td>ART 2430</td>
</tr>
<tr>
<td>ART 2630 3D Animation (3D Max)</td>
<td>5</td>
<td>F, Sp</td>
<td>ART 1810 or approval</td>
</tr>
<tr>
<td>ART 2631 3D Animata (Maya)</td>
<td>5</td>
<td>F, Sp</td>
<td>ART 1810 and approval</td>
</tr>
<tr>
<td>ART 2640 3D Anim II (3D Max)</td>
<td>2</td>
<td>F, Sp</td>
<td>ART 2630</td>
</tr>
<tr>
<td>ART 2641 3D Anim II (Maya)</td>
<td>2</td>
<td>F, Sp</td>
<td>ART 2631</td>
</tr>
</tbody>
</table>

ART ELECTIVES

See Department offerings for options in this category.

TRANSMERGE TO GENERAL ART AND DESIGN/DESIGN EMphasis (69 hours required)

ASSOCIATE OF APPLIED SCIENCE

Students who elect to specialize in Design receive job-entry skills and training in various applications of visual art, graphic design and advertising. Graphic creativity and proficiency in current computer programs necessary for employment in the design field are integral parts in this program.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
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QUANTITATIVE STUDIES

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1110 Foundation I Drawing</td>
<td>4</td>
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HUMAN RELATIONS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ART 1110 Foundation I Drawing</td>
<td>3</td>
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<td>none</td>
</tr>
<tr>
<td>ART 1120 Design</td>
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<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ART 1170 Animation I</td>
<td>5</td>
<td>Sp</td>
<td>ART 1110 and approval</td>
</tr>
<tr>
<td>ART 1260 Figure Drawing</td>
<td>3</td>
<td>A</td>
<td>ART 1110</td>
</tr>
<tr>
<td>ART 1670 Animation II</td>
<td>4</td>
<td>F</td>
<td>ART 170 and approval</td>
</tr>
<tr>
<td>ART 1800 Digital Media Essent</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ART 2110 Foundation II Drawing</td>
<td>4</td>
<td>Sp, Su</td>
<td>ART 1110</td>
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<tr>
<td>ART 2412 Illustrator Software</td>
<td>2</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>ART 2440 Web Site Des</td>
<td>3</td>
<td>F, Sp</td>
<td>ART 1800 or ART 1280</td>
</tr>
<tr>
<td>ART 2670 Animation III</td>
<td>3</td>
<td>Sp</td>
<td>ART 1670 and approval</td>
</tr>
<tr>
<td>ART 2480 Comp Illus</td>
<td>2</td>
<td>Sp</td>
<td>ART 1800</td>
</tr>
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</table>

See General Education Requirements, pp. 23-27, for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1110 Foundation I Drawing</td>
<td>4</td>
<td>F, Sp</td>
<td>none</td>
</tr>
<tr>
<td>ART 1120 Design</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ART 1170 Animation I</td>
<td>5</td>
<td>Sp</td>
<td>ART 1110 and approval</td>
</tr>
<tr>
<td>ART 1260 Figure Drawing</td>
<td>3</td>
<td>A</td>
<td>ART 1110</td>
</tr>
<tr>
<td>ART 1670 Animation II</td>
<td>4</td>
<td>F</td>
<td>ART 170 and approval</td>
</tr>
<tr>
<td>ART 1800 Digital Media Essent</td>
<td>4</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>ART 2110 Foundation II Drawing</td>
<td>4</td>
<td>Sp, Su</td>
<td>ART 1110</td>
</tr>
<tr>
<td>ART 2412 Illustrator Software</td>
<td>2</td>
<td>F, Sp</td>
<td>none</td>
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<tr>
<td>ART 2440 Web Site Des</td>
<td>3</td>
<td>F, Sp</td>
<td>ART 1800 or ART 1280</td>
</tr>
<tr>
<td>ART 2670 Animation III</td>
<td>3</td>
<td>Sp</td>
<td>ART 1670 and approval</td>
</tr>
<tr>
<td>ART 2480 Comp Illus</td>
<td>2</td>
<td>Sp</td>
<td>ART 1800</td>
</tr>
</tbody>
</table>

See Department offerings for options in this category.

SLCC 2010-2011 GENERAL COLLEGE CATALOG

235
ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN VISUAL ART AND DESIGN/ILLUSTRATION EMPHASIS

(68 hours required)

This program will provide job-entry level training for traditional and computer illustration. Specializations are book covers, magazine story and spot illustrations in black and white, limited color and full color. Students who are preparing for this area of specialization should acquire a high level of drawing skill.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>3</td>
<td>A</td>
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* Select From The Following Graphic Design Electives:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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</thead>
<tbody>
<tr>
<td>ART 2110</td>
<td>3</td>
<td>F, Sp</td>
<td>50 completed credit hours in Design or Illustration Emphasis</td>
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<td>ART 2120</td>
<td>3</td>
<td>F, Sp</td>
<td>ART 2210</td>
</tr>
<tr>
<td>ART 2230</td>
<td>3</td>
<td>F, Sp</td>
<td>ART 2230</td>
</tr>
<tr>
<td>ART 2240</td>
<td>3</td>
<td>F, Sp</td>
<td>ART 2240</td>
</tr>
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<td>ART 2280</td>
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<td>ART 2412</td>
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<td>F, Sp</td>
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<td>F, Sp</td>
<td>ART 2440</td>
</tr>
<tr>
<td>ART 2810</td>
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<td>F, Sp</td>
<td>ART 2440</td>
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</table>

COMMUNICATION

Choose an additional three credit hours from one of the following:

- COMM 2010: Elements of Effect Comm 3 A none
- COMM 2020: Principles of Public Speaking 3 A none
- CTEL 1020: Career Speech Skills 3 A none

HUMAN RELATIONS


(Directed to Visual Art & Design students only)

DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

- Biological Science (BS) 7 A none
- Fine Arts (FA) 3 A none
- Humanities (HU) 3 A none
- Interdisciplinary (ID) 3 A none
- Physical Science (PS) 3 A none
- Social Science (SS) 3 A none

See General Education Requirements, pp. 23-27, for options in each of these categories.
ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN VISUAL ART AND DESIGN/MULTIMEDIA EMPHASIS

(69 hours required)

Powerful, inexpensive, multimedia personal computers and new communication technologies such as the Internet, CD-ROM and digital video are generating new career opportunities for the visual artist with solid technical skills. Students studying multimedia will learn the industry’s leading applications for authoring multimedia content for diverse delivery mediums, including CD-ROM, corporate, Kiosk systems and the World Wide Web. In addition, students will become adept at using computers to edit sound and video, create 3D graphics, animation and digital artwork, as well as designing/producing printed collateral and developing web sites. These technical skills are complimented by courses that will provide the opportunity to acquire solid art and design abilities. Those with a propensity for learning technical concepts and a creative and artistic aptitude will enjoy the exciting field of multimedia.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
<td>3</td>
<td>A</td>
<td>pre-test</td>
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</table>

QUANTITATIVE STUDIES

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
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<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>MATH 1010 Internm Algebra</td>
<td>4</td>
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<td>MATH 0990</td>
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COMMUNICATION

Choose an additional three credit hours from one of the following:

<table>
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<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 1100 Elem of Effective Comm</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
</tbody>
</table>

CTEL 1020 Printr of Public Speaking | 3  | A   | none                   |

HUMAN RELATIONS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ART 1150 Foundation Sem</td>
<td>2</td>
<td>F, Sp</td>
<td>none. Take first semester.</td>
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(Recommended for Visual Art & Design students only)

DISTRIBUTION AREAS

Choose an additional three credit hours from one of the following distribution areas:

<table>
<thead>
<tr>
<th>DISTRIBUTION AREAS</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Science (BS)</td>
<td>3</td>
<td>A</td>
<td>RDG 0900 w/C or better</td>
</tr>
<tr>
<td>Fine Arts (FA)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Humanities (HU)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Interdisciplinary (ID)</td>
<td>3</td>
<td>A</td>
<td>none</td>
</tr>
<tr>
<td>Physical Science (PS)</td>
<td>3</td>
<td>A</td>
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<tr>
<td>Social Science (SS)</td>
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See General Education Requirements, pp. 23-27, for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1110 Foundation I Drawing</td>
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<td>none</td>
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<tr>
<td>ART 1120 Design</td>
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<td>ART 1200, ART 1210 or w/ART 1200, w/ART 1210</td>
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<tr>
<td>ART 1260 Figurine Drawing</td>
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<td>ART 1800 Digital Med Essentials</td>
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<tr>
<td>ART 2100 Internm Photo/Multi</td>
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<td>ART 2230 Adv Typ &amp; Layout</td>
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<td>ART 2412 Illustrator Software</td>
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<td>ART 1800, ART 1800, or ART 1230</td>
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<td>ART 2460 Desktp Video Prod</td>
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<td>F</td>
<td>ART 1800, ART 1230 or ART 2440</td>
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<tr>
<td>ART 2480 Computer Illustration</td>
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<td>ART 2490 Adv Study Comp/Graph</td>
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<td>ART 2610 MultimediaAuth</td>
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<td>F, Sp</td>
<td>ART 2440</td>
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</table>

ASSOCIATE OF APPLIED SCIENCE CTE DEGREE IN VISUAL ART AND DESIGN/PHOTOGRAPHY EMPHASIS

(65 hours required)

Photography is widely used in visual art and design, including fine art. Students who elect to pursue the AAS Degree in Visual Art and Design’s Photography Emphasis will become acquainted with, and gain competencies in, all aspects of the photographic arts. Competencies will include: film and digital camera operation, studio and existing lighting control, working in both digital and film environments to produce color and black and white imagery. This prepares students to work as freelance photographers or continue their education for an advanced degree. Students will learn various visual art business practices and they will prepare a professional portfolio. The final and exit portfolio is a required component of the Photography Program and is designed to obtain an entry-level job within one of the many photography related career paths.

The photography emphasis student must have access to fully adjustable camera equipment (digital or film SLR, or medium format) and additional equipment and supplies as required for this program and its various courses.

PHOTOGRAPHY ARTICULATION

Students desiring to transfer to a four-year institution in Photography should contact Professor Terry Martin.

GENERAL EDUCATION REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tbody>
<tr>
<td>ENGL 1010 Intro to Writing</td>
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QUANTITATIVE STUDIES

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COMMUNICATION

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<td>COMM 1120 Princ of Public Speaking</td>
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<td>CTEL 1020 Career Speech Skills</td>
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HUMAN RELATIONS

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<tr>
<td>ART 1150 Foundation Sem (HR)</td>
<td>2</td>
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(Recommended for Visual Art & Design students only)
DISTRIBUTION AREAS
Choose an additional three credit hours from one of the following distribution areas:

- Biological Science (BS) 3-4 A
- Fine Arts (FA) 3 A
- Humanities (HU) 3 A
- Interdisciplinary (ID) 3 A
- Physical Science (PS) 3 A
- Social Science (SS) 3 A

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

<table>
<thead>
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PHOTOGRAPHY ELECTIVES

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NON-PHOTO ART ELECTIVES

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DEPARTMENTAL ELECTIVES

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SAMPLE SCHEDULE

**FIRST SEMESTER**

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**SECOND SEMESTER**

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**TOTAL 16**

**THIRD SEMESTER**

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**TOTAL 16**

**TOTAL 17**

**SAMPLE SCHEDULE**

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**TOTAL 18**

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<tr>
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**TOTAL 17**

**CERTIFICATE OF COMPLETION/CTE**

**VISUAL ART AND DESIGN/ELECTRONIC PUBLISHING**

(33 hours required)

In the electronic publishing certificate students learn the skills to enter a career in the graphic communications industry (printing), one of the largest manufacturing industries in the United States. In this certificate program students learn standard software programs used in the graphic communications industry: Adobe Illustrator, Adobe InDesign and Adobe Photoshop. Principles of graphic design, electronic layout, graphics produc-
ART 1340 Photo Equip & Techn 3 Sp
ART 1375 Photo Diversity (FA, DV) 3 F, Sp
ART 1380 Photography II 4 A
ART 1385 Dig/Film Dekrm Lab 1 Sp
ART 1390 Color Photog 3 Sp
ART 1530 Painting/Watercl 3 A none
ART 1540 Painting/Oils 3 A none
ART 1600 Beginning Pottery 3 A
ART 1670 Intermediate Pottery 3 A
ART 1690 Animation II 4 F
ART 1810 Intern. Photo/Multi 2 F, Sp
ART 1990 Independent Studies 1-3 A Instructor’s approval
ART 2000 CO-OP 2-4 A 2nd year and approval
ART 2010 History of Art & Design 3 F
ART 2050 Cartooning 2 F
ART 2070 Portfolio Development 3 F, Sp

ART 2080 VAD Internship 3 A
ART 2110 Foundation II 3 Sp, Su
ART 2140 Adv Photshop 2 F, Sp
ART 2200 Adv Pdr Art(DTP PdLyt) 2 Sp
ART 2210 Illustration I 3 Sp
ART 2220 Advanced Design 3 F, Sp
ART 2230 Adv Type & Layout 3 F, Sp
ART 2240 Package Design 3 F, Sp
ART 2260 Adv Figure Draw 2 F
ART 2270 Illustration II 3 F
ART 2280 Advertising Workshop 2 Sp
ART 2290 Adv Illustration 2 Sp
ART 2300 Alternatv Photog 3 Sp
ART 2310 Studio Photography 4 F
ART 2320 Document Photog 3 F
ART 2330 Photog History 3 F
ART 2340 Photshop/f/Photog 3 F
ART 2350 Photo People/Portrt 3 Sp
ART 2370 2nd Year Studies 3 Sp
ART 2380 Adv Studies Phot 4 Sp
ART 2412 Illustrator Software 3 F, Sp
ART 2420 Adv Illustrator Software 2 Sp
ART 2440 Web Site Design 3 F, Sp
ART 2470 DESK/Video Prod 2 F

ART 2480 Camter Illustration 2 F, Sp
ART 2490 Adv Camp Graphs 2 Sp
ART 2510 Adv Drawing 2 F
ART 2530 Adv Paint/Watrcr 3 A
ART 2540 Adv Painting/Oil 3 A
ART 2560 Figure Painting 3 Sp
ART 2610 Multimedia Authoring 2 F, Sp
ART 2630 3D Animation 5 F, Sp
ART 2631 3D Animatr (Maya) 5 F, Sp
ART 2640 3DAnim II (3DMax) 2 F, Sp
ART 2641 3D Anim II (Maya) 2 Sp
ART 2650 Multimed. Prod. 3 Sp
ART 2670 Animation III 3 Sp
ART 2900 Visual Art/Dsgn 1-3 TBA Instructor’s approval
ART 2940 Spec Topics Design 1-6 TBA Instructor’s approval
ART 2950 Spec Topics Illust 1-6 TBA Instructor’s approval

ART 2960 Spec Topics Anim 1-6 TBA Instructor’s approval
ART 2970 Spec Topics Photog 1-6 TBA Instructor’s approval
ART 2980 SpecTopics Multimed 1-6 TBA Instructor’s approval
ART 2990 Adv Independent Studies 1-3 A Instructor’s approval

---

**WELDING FABRICATION AND INSPECTION**

**SEE ALSO SCHOOL OF APPLIED TECHNOLOGY AND APPRENTICESHIPS.**

Taylorsville Redwood Campus (801) 957-4096
General Information (801) 957-4073
Academic Advisor CT 218 (801) 957-4550
For Apprenticeship and Other Related Welding (801) 957-4066

**THE PROGRAM**

All common methods of welding, acetylene and inert gas welding techniques are available. Students will be capable of welding ferrous and non-ferrous metals in all positions and can operate shears, rolls, drills and brakes. Degree seeking students will receive a foundation of industry practices, welding theory, and knowledge of metal alloys and metallurgy processes. Graduates from the program will be competent in layout, fabrication, inspection, fitting, cutting and forming metals, and determining electrodes/wire and filler metals required by industry. Students will have the opportunity to learn techniques for certification testing, competent blueprint interpretation, and written procedures required by industry. Welders desiring to improve their position by upgrading their skills in specific welding processes or applications, or welders desiring instruction certification, fabrication, or inspection are encouraged to enroll in the program.

Any course offered in this program can be taken as part of the vocational/technical electives for an associate of science degree in general studies.

General Education and elective courses provide training in effective oral and written communication and human relations skills.

**STUDENT ORGANIZATIONS**

Skills USA - All students enrolled in the welding program are members of Skills USA, sponsor of the Professional Development Program (PDP). This program is designed to promote leadership, communication, social, and employability skills. This training is included in the curriculum of this program.

**PREPARATION NOTE**

Students who need to take preparatory classes to meet the requirements of the first semester courses should plan on extra time to complete the program.

**PREREQUISITES**

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken.

**SPECIAL REQUIREMENTS**

Good eyesight, good eye-hand coordination, physical condition and basic reading and math skills are required for success in this program.

**ELECTIVE OPTIONS**

It is possible to earn some laboratory credit through cooperative education if students are employed in a job involving welding. With prior approval of a teaching faculty member and the CO-OP coordinator, the students would register for the regular laboratory course.
CLASS AVAILABILITY
The semester in which courses are taught are listed below. Students should check the semester class schedule for day/evening availability and modifications caused by varying enrollments.

SPECIAL FEE
In addition to tuition and fees, students will pay a lab fee for welding labs. This fee is based on materials, consumables, and supplies required for the particular lab. Lab fees may vary due to individual abilities and material required by individual labs. Contact program faculty for more information on lab fees. Welding certification, knowledge exams, and practical tests for certification are separate costs.

ASSOCIATE OF APPLIED SCIENCE CTE IN WELDING
(minimum 66 hours required)

GENERAL EDUCATION REQUIREMENTS (14-15 CREDITS)

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<td>LE 1220 Human Relations</td>
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See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

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<tr>
<td>WLD 1241 Flux Cr/Pipe Fb Lab</td>
<td>8</td>
<td>F, Sp</td>
<td>WLD 1120, WLD 1121, w/WLD 1121</td>
</tr>
<tr>
<td>WLD 1260 Blueprint for Welding</td>
<td>3</td>
<td>F, Sp</td>
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</tbody>
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* PHYS 1010 Elementary Physics fulfills both General Education Requirement Distribution Area and Major Course Requirement

DIPLOMA/WELDING CTE
(minimum 65 hours required)

MAJOR COURSE REQUIREMENTS

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CR</th>
<th>SEM</th>
<th>PREREQUISITES</th>
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<tr>
<td>COMM 1010 Intro to Comm</td>
<td>3</td>
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<tr>
<td>IND 1120 Math for Ind</td>
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<td>IND 1140 Princ of Tech</td>
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<td>LE 1220 Human Relations</td>
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<td>WLD 1110 Fund of Weldng</td>
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<td>WLD 1120, WLD 1121, or equivalent, w/WLD 1121</td>
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<td>F, Sp</td>
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* FA 1080 Basic Metal Sculpting (FA) fulfills General Education Requirement Distribution Area

SAMPLE SCHEDULE

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<tr>
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<th>SPRING SEMESTER</th>
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<tbody>
<tr>
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<td>LE 1220 3</td>
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<tbody>
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<td>WLD 1240 3</td>
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<td>TOTAL 19</td>
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<td>COMM 1010 3</td>
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<tr>
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<td>LE 1220 3</td>
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<td>WLD 1120 4</td>
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<table>
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<th>2ND FALL SEMESTER</th>
<th>2ND SPRING SEMESTER</th>
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<td>WLD 1231 8</td>
<td>WLD 1241 3</td>
</tr>
<tr>
<td>TOTAL 15</td>
<td>TOTAL 17</td>
</tr>
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</table>

SLCC 2010-2011 GENERAL COLLEGE CATALOG
CONTINUING EDUCATION
MIller Business Resource Center
Miller Conferencing Facility Rental
Institute of Public Safety
University Center
Utah Small Business Development Center
SCHOOL OF PROFESSIONAL AND ECONOMIC DEVELOPMENT

SLCC’s School of Professional and Economic Development (SPED) offers convenient, accessible professional and continuing education courses and programs. SLCC’s continuing education enriches people’s personal lives, increases the marketable skills of Utah’s workforce, improves workplace productivity for the state’s employers, and creates vibrant, sustainable businesses for local communities. The SPED is committed to providing quality lifelong learning education and training programs that exceed student expectations and enhance the lives of those who participate in the school’s courses, workshops, and seminars.

Faculty and staff of the SPED are dedicated professionals who bring experience in industry, government, and education both here and abroad to Salt Lake Community College. Offering a wide array of convenient, accessible courses, SLCC’s professional and continuing education continue to meet the needs of individuals, employers, and entrepreneurs. The SPED has flexible scheduling and delivery options that fit the lives of students and professionals, accommodating those looking for online courses, credit or non-credit options, and open enrollment offerings.

CONTINUING EDUCATION

3D ANIMATION

Contact:
Kathy Jonsson
(801) 957-4483
kathy.jonsson@slcc.edu

Autodesk 3D & Maya are state of the art 3D modeling, animation, and rendering programs for games, films, and television used by top professionals around the world. These courses prepare students for certification in Autodesk Digital Media as well as becoming familiar with common practices in the media and entertainment industry.

LOCATION: Varies
SEMIESTERS OFFERED: All
CREDIT/NON-CREDIT: Non-Credit

PROGRAM COURSES:
CEDM 0010: Autodesk 3D Basics (3D Max)
CEDM 0020: Autodesk Maya Basics

ADMINISTRATIVE PROFESSIONAL CERTIFICATE

Contact:
Nadine Sharpe
(801) 957-3121
nadine.sharpe@slcc.edu

Today’s office professional enters a workplace that is rapidly changing. Individuals pursuing a career as an Administrative Professional need to keep pace with these changing demands and maintain high proficiencies in areas such as technology, electronic record keeping, integrated computer software applications, communication, human relations, time & organizational management, and decision making abilities. Salt Lake Community College now offers a one-year certificate program that meets the needs of knowledge and competencies that today’s office professionals need to be effective in the workplace. The Admin-

istative Professional Program is geared towards individuals who are already in an office support position who would like to move into higher levels of office support including such positions as Executive Assistants, Office Managers, and mid to senior level Administrative Professionals.

PREREQUISITES:
DE 1070 Beginning Keyboarding (3 Cr. Hrs.)
OR
ADP 1070 Skillbuilding for Office Professional (3 Cr. Hrs.)

LOCATION: Taylorsville Redwood Campus
SEMIESTERS OFFERED: Varies
CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)

PROGRAM COURSES:
CIS 1020 Computer Essentials (3 Cr. Hrs.)
BUS 1050 Foundations of Business (3 Cr. Hrs.)
ENGL 1010 Intro to Writing (3 Cr. Hrs.)
Prereq: WRTG 0990 W/C or better, equivalent or placement.
BUS 2200 Business Communications (3 Cr. Hrs.)
Prereq: ENGL 1010 with C or better.
MKTG 1960 Professionalism in Business (3 Cr. Hrs.)
ADP 1120 Admin Assistant Procedures (3 Cr. Hrs.)
ADP 2410 Administrative Office Support Systems (3 Cr. Hrs.)

AIRCRAFT DISPATCHER CERTIFICATE

Contact:
MiYon Hodges
(801) 957-5558
miyon.hodges@slcc.edu

You’re just 5 courses away from becoming an aircraft dispatcher, a licensed airman who ensures flight safety, prepares flight plans, computes fuel requirements, monitors weather conditions and initiates or terminates flights. Minimum age requirement is 21. 270 hours of training will prepare you to take the FAA examinations and start you on a path to a new career.

LOCATION: Meadowbrook Campus
SEMIESTERS OFFERED: Fall, Spring
CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)

PROGRAM COURSES:
DISP 1010 Regs, A/C Systems & Procedures (3 Cr. Hrs.)
Prereq: PILT 1100, 1400, 2050; OR Concurrent with PILT 1100, 1400, 2050
DISP 1300 Dispatch Applications (3 Cr. Hrs.)
Prereq: PILT 1100, 1400, 2050, DISP 1010 (recommended or concurrent with DISP 1300)
PILT 1100 Private Pilot Ground School (5 Cr. Hrs.)
PILT 1400 Intro to Air Traffic Control (3 Cr. Hrs.)
PILT 2050 Aviation Meteorology (5 Cr. Hrs.)
PILT 2150 ATP Written Exam Prep (6 Cr. Hr. Elective)
Prereq: DISP 1100, DISP 1300, PILT 1100, PILT 1400, PILT 2050

BUSINESS DEGREE (A.S.) - ACCELERATED PROGRAM

Contact:
Nadine Sharpe
(801) 957-3121
nadine.sharpe@slcc.edu

If you’re eager to start or advance your career in business, Salt Lake Community College has some exciting news for you. We are now offering a fast track Associate of Science degree in Business. This program is geared toward working professionals who want to upgrade their skills, progress in their careers, or transfer to a 4 year...
business program. Students have the opportunity to complete their degree in as few as 14 months!

QUALITY INSTRUCTION
Students will have access to full-time highly qualified instructors and advisors who will work as a team to ensure that courses are integrated and meet high academic standards.

DESIGNED FOR WORKING PROFESSIONALS
Students move through the program as a group and generally take three classes each session. The courses will utilize a blend of classroom and on-line instruction.

PREDICTABLE SCHEDULE
Classes will meet every Tuesday and Thursday evening.

CONVENIENT LOCATION
The Larry H. Miller Campus, with its premiere business facilities, is located at 9750 South 300 West, in Sandy.

FAST TRACK
Complete your degree in as little as 14 months! The accelerated degree encompasses all the core courses in business that are needed to complete the Associate of Science in Business degree. For individuals who need General Education (GE) classes, there will be opportunities to take the GE classes concurrently with the program!

SAC CREDITATION
The Associate of Science in Business degree is accredited by the Association of Collegiate Business Schools and Programs (ACBSP) and courses are transferable to most 4-year institutions of higher education in Utah.

PROGRAM PREREQUISITES
• Prospective students must complete an application.
• Complete ENGL 1010, with letter grade of C or better, or qualifying placement score.
• Complete Math 1010 within the last 12 months, with a recommended letter grade of C or better, or qualifying placement score.
• CIS 1020 with a letter grade of B- or better or qualifying placement score.

LOCATION: Miller Campus
SEMESTERS OFFERED: Spring, Fall, Tuesday and Thursday Evenings
CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)

COMPUTER WORKSHOPS
Contact:
Dan Trujillo, MBA
(801) 957-4845
dan.trujillo@slcc.edu

These quality short-term, and practical computer training courses are offered to both individuals and businesses at any skill level and are taught in person at our Taylorsville Redwood Campus. Employers: We can also schedule custom training at your location or at any SLCC campus that is the most convenient.

LOCATION: Taylorsville Redwood, Miller Campus, Library Square
SEMESTERS OFFERED: All
CREDIT/NON-CREDIT: Non-Credit

MICROSOFT ACCESS

ACCESS LEVEL I
Prereq: Basic knowledge of a database and Windows.
(Workshop consists of two 3.5-hr sessions.)

ACCESS LEVEL II
Prereq: Access Level I.
(Workshop consists of two 3.5-hr sessions.)

ACCESS LEVEL III
Prereq: Access Levels I and II.
(Workshop consists of two 3.5-hr sessions.)

ACCESS ADVANCED TOPICS - QUERY TECHNIQUES
Prereq: Access Levels I and II.
(Workshop consists of two 3.5-hr sessions.)

ACCESS ADVANCED TOPICS - REPORTING TECHNIQUES
Prereq: Access Levels I and II.
(Workshop consists of two 3.5-hr sessions.)

ACCESS ADVANCED TOPICS - MACRO TECHNIQUES
Prereq: Access Levels I, II, and III.
(Workshop consists of two 3.5-hr sessions.)

ACCESS ADVANCED TOPICS - SECURITY
Prereq: Access Levels I, II, and III.
(Workshop consists of two 3.5-hr sessions.)

ADOBE ACDROBAT PROFESSIONAL

ADOBE ACDROBAT PRO
Prereq: Basic knowledge of Windows.
(Workshop consists of two 3-hr sessions.)

ADOBE ILLUSTRATOR

ADOBE ILLUSTRATOR LEVEL I
Prereq: Knowledge of Windows and experience working with images.
(Workshop consists of two 3-hr sessions.)

ADOBE ILLUSTRATOR LEVEL II
Prereq: Illustrator Level I.
(Workshop consists of two 3-hr sessions.)

ADOBE INDESIGN

ADOBE INDESIGN LEVEL I
Prereq: Knowledge of Windows and experience working with images.
(Workshop consists of two 3-hr sessions.)
ADOBE INDESIGN LEVEL II
Prerequisite: InDesign Level I.
(Workshop consists of two 3-hour sessions.)

ADOBE PHOTOSHOP

PHOTOSHOP LEVEL I
Prerequisite: Knowledge of Windows and experience working with images.
(Workshop consists of two 3-hour sessions.)

PHOTOSHOP LEVEL II
Prerequisite: Photoshop Level I.
(Workshop consists of two 3-hour sessions.)

DATABASES FOR MERE MORTALS

UNDERSTANDING DATABASES FOR MERE MORTALS
Prerequisite: Basic knowledge of Windows.
(Workshop consists of two 3-hour sessions.)

DREAMWEAVER

DREAMWEAVER
Prerequisite: Basic knowledge of Windows.
(Workshop consists of four 3-hour sessions.)

FIREWORKS INTRODUCTION
Prerequisite: Basic knowledge of using your PC.
(Workshop consists of two 3-hour sessions.)

EBAY TRAINING

SELLING ON EBAY - SELLER'S BASICS
Prerequisite: Basic knowledge of Windows, Email and Internet.
(Workshop consists of two 3-hour sessions.)

MICROSOFT EXCEL

EXCEL LEVEL I
Prerequisite: Basic knowledge of Windows.
(Workshop consists of two 3-hour sessions.)

EXCEL WORKING WITH LARGE WORKSHEETS
Prerequisite: Excel Level I.
(Workshop consists of one 3.5-hour session.)

EXCEL CHARTS AND GRAPhICS
Prerequisite: Excel Level I.
(Workshop consists of one 3.5-hour session.)

EXCEL DATABASE MANAGEMENT/PIVOT TABLES
Prerequisite: Excel Level I.
(Workshop consists of one 3.5-hour session.)

EXCEL USING ADVANCED FUNCTIONS
Prerequisite: Excel Level I.
(Workshop consists of one 3.5-hour session.)

EXCEL ORGANIZATIONAL TOOLS
Prerequisite: Excel Level I.
(Workshop consists of one 3.5-hour session.)

EXCEL MACROS, TOOLBARS, AND MACRO BUTTONS
Prerequisite: Excel Level I.
(Workshop consists of one 3.5-hour session.)

FLASH

FLASH
Prerequisite: Knowledge of Windows and experience working with images.
(Workshop consists of four 3-hour sessions.)

GROUPWISE

INTRODUCTION TO GROUPWISE
Prerequisite: Basic knowledge of Windows.
(Workshop consists of two 3-hour sessions.)
Students will learn how to use GroupWise and

HTML

INTRODUCTION TO HTML
Prerequisite: Basic knowledge of Windows.
(Workshop consists of two 3-hour sessions.)

INTERNET

INTERNET OVERVIEW
Prerequisite: Basic knowledge of Windows.
(Workshop consists of two 3-hour sessions.)

INTRODUCTION TO PERSONAL COMPUTERS

INTRODUCTION TO PC'S
Prerequisite: None.
(Workshop consists of two 3-hour sessions.)

MICROSOFT OFFICE SUITE

MICROSOFT OFFICE SUITE
Prerequisite: Basic knowledge of Windows.
(Workshop consists of six 3-hour sessions.)

WORD LEVEL I
(Workshop consists of two 3-hour sessions.)

EXCEL LEVEL I
(Workshop consists of two 3-hour sessions.)

POWERPOINT LEVEL I
(Workshop consists of two 3-hour sessions.)

MICROSOFT OUTLOOK

OUTLOOK LEVEL I
Prerequisite: Basic knowledge of Windows.
(Workshop consists of one 3-hour session.)

MICROSOFT POWERPOINT

POWERPOINT LEVEL I
Prerequisite: Basic knowledge of Windows and MS Word.
(Workshop consists of two 3-hour sessions.)

POWERPOINT LEVEL II
Prerequisite: PowerPoint Level I.
(Workshop consists of two 3-hour sessions.)

MICROSOFT PROJECT
Prerequisite: Basic Knowledge of Windows.
(Workshop consists of four 3.5-hour sessions.)
**DESKTOP PUBLISHING**

**INTRODUCTION TO MS PUBLISHER**
Prereq: Basic knowledge of Windows and MS Word.  
(Workshop consists of two 3-hr sessions.)

**QUICKBOOKS PRO**

**QUICKBOOKS PRO BEGINNING**
Prereq: Basic knowledge of Windows.  
(Workshop consists of two 3-hr sessions.)

**QUICKBOOKS PRO INTERMEDIATE**
Prereq: QuickBooks Beginning - builds on material learned in prior class.  
(Workshop consists of two 3-hr sessions.)

**QUICKBOOKS PRO ADVANCED**
Prereq: QuickBooks Intermediate - builds on material learned in prior class.  
(Workshop consists of two 3-hr sessions.)

**MICROSOFT WINDOWS**

**WINDOWS INTRODUCTION**
Prereq: None.  
(Workshop consists of two 3-hr sessions.)

**MICROSOFT WORD**

**WORD LEVEL I**
Prereq: Basic knowledge of Windows.  
(Workshop consists of two 3-hr sessions.)

**WORD LEVEL II**
Prereq: Word Level I.  
(Workshop consists of two 3-hr sessions.)

Everyday Tasks Made Easier Module  
Advanced Features Module

**WORD LEVEL III**
Prereq: Word Levels I and II.  
(Workshop consists of two 3-hr sessions.)

**CUSTOM COMPUTER WORKSHOPS**
If you do not see what you need, let Computer Workshops create a customized training program for your organization. You tell us what you need and we will design and implement a training program for you. With our experience and resources, we can help:
- Assess training needs to address organization goals.
- Define training objectives.
- Design training for the specific needs of your organization.
- Schedule training when it is convenient for you.
- Implement training in-house or at one of our convenient campus locations.
- Save money with volume discounts.
- Increase employee productivity and morale.
- Develop strategies to integrate learning into your organizational systems.
- Customize existing workshops for specific job requirements.

**CONTRACTOR LICENSE RENEWAL (UTAH)**
Contact:
Kathy Jonsson  
(801) 957-4483  
kathy.jonsson@slcc.edu

Designed for those professionals who need to earn 6 hours of Continuing Education credits (Professional Development and Core Curriculum) to maintain their Utah State Contractor’s License. SLCC’s Contractor License Renewal program offers classes that meet the Division of Occupational & Professional Licensing (DOPL) requirements.

**FORMAT:** Online, CD  
**CREDIT/NON-CREDIT:** Non-Credit

Please also see Utah Contractor License Renewal in the Online Courses section, page 238 for online course options.

**DIAGNOSTIC MEDICAL SONOGRAPHY CERTIFICATE (ULTRASOUND)**
Contact:
Jennifer Pollock  
(801) 957-4697  
jennifer.pollock@slcc.edu

Prepares students for the challenge of operating state-of-the-art ultrasound equipment. In addition, students learn how to read results from ultrasounds, and explain the results to patients in a way they can understand. This certificate prepares students to sit for the national registry examinations in abdominal, obstetric/gynecologic and vascular areas. All of this combined, prepares students for a rewarding career in this sector of the health industry.

In addition to being admitted through enrollment services as a non-matriculated student to SLCC, students applying to the DMS program must complete a separate application to enter into the program. The following prerequisites are required of students not possessing a 2 year degree in a patient care related field or a bachelor’s degree.

1. High School graduate or equivalent
2. Elementary Physics PHYS 1010  
   * Please note: BIOL 1610 (College Biology) is prerequisite for anatomy/physiology courses.
3. *Human Anatomy BIOL 2320/2325
4. *Human Physiology BIOL 2420/2425
5. Communications COMM 1010 or 1020
6. MATH 1010 (Intermediate Algebra) taken within the last five years OR CPT score of greater than or equal to 43 on the college level math section.

All Prerequisites require a grade of a B or better. Cautionary note: Those students not possessing a bachelor’s degree or a two year degree in a patient care related field will be required to have an additional 12 month full time equivalent work experience after the education program has been completed. Work experience and clinical experience cannot overlap. Unpaid, volunteer or barter experience will not be accepted. This cautionary note has been added due to the changes made by the American Registry of Diagnostic Medical Sonographer’s (ARDMS). This Program is a two year certificate program in partnership with Intermountain Healthcare.

**LOCATION:** Jordan Campus  
**SEMESTERS OFFERED:** All, Starts Fall Semester
CREDIT/NON-CREDIT: Credit  
(Credit Programs require application to SLCC)

PROGRAM REQUIREMENTS

FIRST FALL SEMESTER  
DMS 1010 Patient Care (2 Cr. Hrs.)  
DMS 1020 Abdominal Sonography (4 Cr. Hrs.)  
DMS 1030 Physics/Instrumentation (5 Cr. Hrs.)  
DMS 1040 Ultrasound Lab (2 Cr. Hrs.)  
MA 1100 Medical Terminology (2 Cr. Hrs.)

FIRST SPRING SEMESTER  
DMS 1110 OB/GYN (4 Cr. Hrs.)  
DMS 1120 Pathophysiology (4 Cr. Hrs.)  
DMS 1130 Clinical I (4 Cr. Hrs.)

FIRST SUMMER TERM (EIGHT WEEK SESSION)  
DMS 1210 Sectional Anatomy (3 Cr. Hrs.)  
DMS 1230 Clinical II (2 Cr. Hrs.)

SECOND FALL SEMESTER  
DMS 2010 Vascular Sonography (3 Cr. Hrs.)  
DMS 2030 Clinical III (5 Cr. Hrs.)

SECOND SPRING SEMESTER  
DMS 2110 Fetal Anomalies (4 Cr. Hrs.)  
DMS 2130 Clinical IV (5 Cr. Hrs.)

SECOND SUMMER TERM (EIGHT WEEK SESSION)  
DMS 2210 Comprehensive Sonography (3 Cr. Hrs.)  
DMS 2230 Clinical V (6 Cr. Hrs.)

DIALYSIS TECHNICIAN

Contact:  
Jennifer Pollock  
(801) 957-4697  
Jennifer.pollock@slcc.edu

Dialysis is a treatment for end-state kidney disease. It takes over when your kidneys are unable to filter your blood. Dialysis removes wastes, extra fluid and salt, and keeps a balance of certain components of your blood. Dialysis is needed when the kidney functions at less than 10% of its normal capacity.

LOCATION: Jordan Campus  
SEMESTERS OFFERED: Fall  
CREDIT/NON-CREDIT: Credit  
(Credit Programs require application to SLCC)

PROGRAM COURSES:  
DIAL 1010 Introduction to the Care of the Dialysis Patient (1 Cr. Hrs.)  
Prereq: GED or high school diploma is required. CNA/EMT or medical terminology is helpful but not required.

DOULA & CHILDBIRTH EDUCATION

Contact:  
Paula Nielson-Williams  
(801) 957-5211  
paula.nielson-williams@slcc.edu

Students interested in learning about labor and delivery, childbirth education, or becoming a Doula or childbirth educator will enjoy this course. You will learn what to expect in pregnancy, pre and post partum, delivery, and how to help and be an advocate for the mother.  
LOCATION: Taylorsville Redwood Campus  
SEMESTERS OFFERED: Varies  
CREDIT/NON-CREDIT: Credit  
(Credit programs require application to SLCC)

PROGRAM COURSES:  
HLTH 1300 Doula & Childbirth Preparation (3 Cr. Hrs.)

ed2go INTERNET COURSES

Contact:  
Mykel Severson  
(801) 957-5545  
mykel.severson@slcc.edu

We offer a wide range of highly interactive courses that you can take entirely over the Internet. All of our courses include expert instructors, many of whom are nationally known authors. Our online courses are affordable, fun, fast, convenient, and geared just for you.

These courses usually run six weeks. There are quizzes and assignments attached to the lessons and an online chat area for each course.

LOCATION: All, Online  
SEMESTERS OFFERED: All, Every 6 Weeks  
CREDIT/NON-CREDIT: Non-Credit  

PROGRAM COURSES:  
Please see Ed2Go Internet Courses in the Online Courses section, page 43 for complete listing.

ELECTRICAL LICENSE RENEWAL

Contact:  
Mi Yon Hodges  
(801) 957-5545  
mيون.hodges@slcc.edu

The 16 hours of training is designed for journeyman electricians who need to earn their Continuing Education credits to maintain their Utah State Electrician’s License and meet the Division of Occupational & Professional Licensing (DOPL) requirements. Training is traditionally offered every other year in the even year. Contact program coordinator for class dates.

LOCATION: Taylorsville Redwood Campus  
SEMESTERS OFFERED: Varies  
CREDIT/NON-CREDIT: Non-Credit  

PROGRAM COURSES:  
CEPD 0006 NEC – 8 Hours Code  
CEPD 0007 NEC – 8 Hours Other Related

EVENT AND MEETING PLANNER CERTIFICATE

Contact:  
Jennifer Pollock  
(801) 957-4697  
jennifer.pollock@slcc.edu

The event and meeting planning industry is an expanding profession with vast opportunities for growth. If you like organizing events or planning socials with the ability to network, then this is the program for you! Let this certificate program help you transition into this exciting field!

LOCATION: South City, Taylorsville Redwood, and Miller Campuses  
SEMESTERS OFFERED: Spring, Fall  
CREDIT/NON-CREDIT: Credit  
(Credit programs require application to SLCC)  
Please see Event & Meeting Planner in the Online Courses section, page 250 for online courses.
PROGRAM COURSES:
EVNT 1010 Intro to Event & Meeting Planning (3 Cr. Hrs.)
EVNT 1100 Site Selection/Negotiation/Law (1 Cr. Hr.)
EVNT 1200 Transportation & Housing (1 Cr. Hr.)
EVNT 1300 Event Registration (1 Cr. Hr.)
EVNT 1400 Food & Beverage Mgmt (1 Cr. Hr.) Online option available.
EVNT 1500 Hotel Sales & Operations (1 Cr. Hr.)
EVNT 1600 Special Events (1 Cr. Hr.)
EVNT 1700 Non-Profit Event Planning (1 Cr. Hr.)
EVNT 1800 Budgeting for Event Planners (1 Cr. Hr.)
MKTG 1060 Professionalism in Business (1 Cr. Hr.)

FUN, FIT & FABULOUS AT SLCC (HEALTH AND LIFETIME ACTIVITIES)
Contact:
Pauila Nielsen-Williams
(801) 957-3311
paula.nielsen-williams@slcc.edu

LOCATION: Taylorsville Redwood Campus
SEMMESTERS OFFERED: All, Varies
CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)

PROGRAM COURSES:
HLAC 1440 Aikido (1 Cr. Hr.)
HLAC 1105 Badminton (1 Cr. Hr.)
HLAC 1015 Body Strength and Tone (1 Cr. Hr.)
HLAC 1442 Brazilian Capoeira (1 Cr. Hr.)
HLAC 1730 Contral/English Country Dance (1 Cr. Hr.)
HLAC 1735 Latin Social Dance (1 Cr. Hr.)
HLTH 1240 Theory/Pract of Meditation (3 Cr. Hrs.).
HLAC 1060 NIA (1 Cr. Hr.)
HLAC 1055 Pilates I (1 Cr. Hr.)
HLAC 1056 Pilates II (1 Cr. Hr.)
HLAC 2313 Sand Volleyball (1 Cr. Hr.)
HLAC 1035 Zumba (1 Cr. Hr.)
HLAC 1040 Basic Belly Dancing (1 Cr. Hr.)

FUN, FIT & FABULOUS OFF CAMPUS (HEALTH AND LIFETIME ACTIVITIES)
Contact:
Bert Hunsaker
(801) 957-3607
bert.hunsaker@slcc.edu

Health and Lifetime activities offered in partnership with sport and recreation centers in the greater Salt Lake City area.

CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)

LOCATION: Alta Canyon Sports Center
9565 South Highland Drive
Sandy, UT 84092

SEMMESTERS OFFERED: All
PROGRAM COURSES:
HLAC 1015 Body Strength and Tone (1 Cr. Hr.)
HLAC 1015 Aerobics I (1 Cr. Hr.)
HLAC 1015 Aerobics II/Spinning (1 Cr. Hr.)
HLAC 1913 Aerobics III/Step (1 Cr. Hr.)
HLAC 1310 Aerobics IV/Kickboxing (1 Cr. Hr.)
HLAC 1035 Yoga I (1 Cr. Hr.)
HLAC 1045 Yoga II (1 Cr. Hr.)
Prereq: HLAC 1015 or instructor permission.
HLAC 1013 Aerobic Circuit (1 Cr. Hr.)
HLAC 1100 Racquetball (1 Cr. Hr.)

LOCATION: Olympus Hills Park
4170 South (Leo Way) 3125 East
Salt Lake City, UT 84121

SEMMESTERS OFFERED: All
PROGRAM COURSES:
HLAC 1105 Golf I (1 Cr. Hr.)
HLAC 1131 Golf II (1 Cr. Hr.)
Prereq: HLAC 1130 or instructor approval.

LOCATION: Glendale Golf Course
1610 West 2100 South
Salt Lake City, UT 84119

SEMMESTERS OFFERED: All
PROGRAM COURSES:
HLAC 1145 Bowling I (1 Cr. Hr.)
HLAC 1146 Bowling II (1 Cr. Hr.)
Prereq: HLAC 1145 or instructor approval.

LOCATION: Olympus Golf Course
4015 South Wasatch Blvd.
Salt Lake City, UT 84124

SEMMESTERS OFFERED: All
PROGRAM COURSES:
HLAC 1115 Bowling I (1 Cr. Hr.)
HLAC 1116 Bowling II (1 Cr. Hr.)
Prereq: HLAC 1115 or instructor approval.

LOCATION: Neptune Divers
2445 South 900 East
Salt Lake City, UT 84106

SEMMESTERS OFFERED: All
PROGRAM COURSES:
HLAC 1130 Scuba I (1 Cr. Hr.)
HLAC 1131 Scuba II (1 Cr. Hr.)
Prereq: HLAC 1130 or instructor approval.

LOCATION: Frontline Climbing Club
1450 South 400 West
Salt Lake City, UT 84106

SEMMESTERS OFFERED: All
PROGRAM COURSES:
HLAC 1127 Rock Climbing I (1 Cr. Hr.)
HLAC 1128 Rock Climbing II (1 Cr. Hr.)
Prereq: HLAC 1127 or instructor approval.
Students learn the proper use of genealogic records and sources in the classroom, online, and through hands-on research experience. In addition, they are introduced to many possible career paths in the family history field. Students enrolled in this course have the unique opportunity to learn solid research and organizational skills. You can get a certificate in just three short semesters.

**CREDIT COURSES:**
- GEN 1015 Finding Your American Family (3 Cr. Hrs.)
- GEN 1016 Tracing Immigrant Ancestry (3 Cr. Hrs.)
- GEN 1020 Breaking the Code (1 Cr. Hr.) (In Development)
- GEN 1030 Genealogy Tools for Computers (3 Cr. Hrs.)
- GEN 1035 Internet Skills for Genealogists (3 Cr. Hrs.)
- GEN 1110 Genealogical Publishing (3 Cr. Hrs.)
- GEN 1120 Preparing for Your Credential (3 Cr. Hrs.) (In Development)
- GEN 1130 Using DNA In Your Search (1 Cr. Hr.) (In Development)
- GEN 1600 Working as a Professional (3 Cr. Hrs.)
- GEN 2010 Professional Symposium (3 Cr. Hrs.)

**NON-CREDIT WORKSHOPS:**
- CEGN 1021 Comparing Genealogy Software Programs
- CEGN 1022 Making New Family Search Easier w/Certified Genealogy Software
- CEGN 1023 The New Family Search Affiliate Program
- CEGN 1024 Social Networking for the Genealogist
- CEGN 1025 Introduction to Genealogy Resources on the Internet

**GOLDN ACADEMY**
Contact:
Judy Fisher
(801) 957-352
judy.fisher@slcc.edu

The Green Academy at Salt Lake Community College offers courses in Sustainability, Green Design & Construction, and Energy Efficiency and Energy Management. Get professional training in environmental Health & Safety, study sustainability across disciplines, or go green with one of our non-credit workshops. Check individual listings for details:
- Sustainability Certificate
- Energy Management
- Green Retrofitting
- Solar Photovoltaic – Basic & Advanced
- Compressed Natural Gas Conversion Training
- CNG Cylinder Inspection Training

**LOCATION:** Miller and Meadowbrook Campuses
**SEMESTERS OFFERED:** All
**CREDIT/NON-CREDIT:** Both
(Credit programs require application to SLCC)

**PROGRAMS & COURSES:**
- **COMPRESSED NATURAL GAS (CNG)**
  Compressed Natural Gas Conversion Training
  Compressed Natural Gas Cylinder Inspection Training

**ENERGY MANAGEMENT DEGREE (A.A.S.)**

The Energy Management degree is designed to prepare students for careers in the fast-growing field of energy management as technical professionals. Students will examine building systems; equipment management; maintenance; heating, ventilation and air conditioning systems; energy analysis and calculations; and alternative energy sources. Students will apply basic skills learned to recommend alternative energy solutions that result in greater energy efficiency and energy cost savings in residential and commercial buildings.

This is a comprehensive program which provides students with practical hands-on experience. Students will be required to participate in an internship experience where they will gain relevant field experience which integrates theory and practice. This environment will give students opportunities to develop skills, explore career options and network with professionals and employers in the industry. Students will be required to complete a minimum of four internship credit hours to earn an AAS degree.

The program is offered as an accelerated degree allowing students to complete the two-year program in less than 18 months. Students will complete courses in seven, accelerated 10-week blocks. The semester each course is offered will vary depending when a new cohort starts. New students will be accepted into the program every 8 to 9 months. Students may contact the program coordinator for current class schedule information.

**DESIGNED FOR THE WORKING PROFESSIONAL**

Training is designed to accommodate the working adult. Classes are scheduled in 10-week block sessions in the evenings.

**FAST TRACK**

Earn your degree in less than 18 months! This accelerated degree encompasses the core courses that are needed to complete the Associate of Applied Science in Energy Management.

**PREDICTABLE SCHEDULE**

Classes are scheduled the same three nights a week from 5:30 – 10:00 PM throughout the duration of the training at the Larry H. Miller Campus, located at 9750 South 300 West, in Sandy. Courses run in seven 10-week blocks. General Education courses may need to be taken in addition to the block schedule.

**TRAINING PRE-REQUISITES OR SPECIAL ADMISSION REQUIREMENTS**

It is the student’s responsibility to examine each course description for details of prerequisite classes. Those prerequisites must be satisfied before the designated class may be taken. Students without prerequisite class skills are at a disadvantage and may be required to repeat the course after satisfying the prerequisites.

Preparation Note: Students who need to take preparatory classes to meet the requirements of first semester courses should plan on extra time to complete the degree. Students need to successfully complete MATH 0990 and ENGL 1010 (Intro to Writing) prior to starting in the program. Students should also possess basic skills in MS Excel. Placement testing will be done upon entry to the College unless students have had prior college-level experience.

Note: Training requires 18 months to complete (seven, 10-week blocks).
PROGRAM

BLOCK ONE - 12 CR. HRS.
ARCH 1100 Intro to Arch. Drawing (3 Cr. Hrs.)
EGMT 1010 Intro to Energy Management (2 Cr. Hrs.)
MATH 1010 Intermediate Algebra (QS) (4 Cr. Hrs.)
CIS 1019 Spreadsheet Applications (2 Cr. Hrs.)
Prereq: Basic proficiency in MS Excel
Technical Elective 2 (Cr.Hrs.)

BLOCK TWO - 8 CR. HRS.
EGMT 1110 Rest/Light Comm Energy Analysis (5 Cr. Hrs.)
EGMT 1540 Alternative Energy Technologies (2 Cr. Hrs.)
EGMT 2060 Energy Mgmt. Seminar I (1 Cr. Hr.)
PHYS 1010 Elementary Physics (PS) (3 Cr. Hrs.)
Prereq: EGMT 1010

BLOCK THREE - 12 CR. HRS.
EGMT 1210 Commercial A/C Sys Analysis (2 Cr. Hrs.)
Prereq: EGMT 1110, MATH 1010, PHYS 1010
EGMT 1240 Energy Efficiency Methods (2 Cr. Hrs.)
Prereq: PHYS 1010, MATH 1010, EGMT 1110
EGMT 1310 Lighting Fundamentals (3 Cr. Hrs.)
Prereq: EGMT 1110, MATH 1010, PHYS 1010
ENGL 1010 Introduction to Writing (3 Cr. Hrs.)
Human Relations General Education Requirement (3 Cr. Hrs.)

BLOCK FOUR - 6 CR. HRS.
EGMT 1220 Commercial Energy Analysis (3 Cr. Hrs.)
Prereq: EGMT 1110, MATH 1010
EGMT 1230 Lighting Applications (2 Cr. Hrs.)
Prereq: EGMT 1310
EGMT 1410 Energy Investment Analysis (2 Cr. Hrs.)
Prereq: EGMT 1110
ENGL 2100 Technical Writing (3 Cr. Hrs.)
Prereq: EGMT 1010 with a C or better or appropriate placement score.
Technical Elective 3 (Cr.Hrs.)

BLOCK FIVE - 12 CR. HRS.
EGMT 1130 Building Energy Simulations (3 Cr. Hrs.)
Prereq: EGMT 1110
EGMT 1240 Energy Accounting (2 Cr. Hrs.)
Prereq: CIS 1019
EGMT 2065 Energy Mgmt Seminar II (1 Cr. Hr.)
Communications General Elective Requirement 3 Credit Hours
 Distribution General Education Requirement 3 Credit Hours

BLOCK SIX - 12 CR. HRS.
EGMT 1150 Building Energy Simulations (3 Cr. Hrs.)
Prereq: EGMT 1110
EGMT 1240 Energy Accounting (2 Cr. Hrs.)
Prereq: CIS 1019
EGMT 2065 Energy Mgmt Seminar II (1 Cr. Hr.)
Communications General Elective Requirement 3 Credit Hours
Distribution General Education Requirement 3 Credit Hours

BLOCK SEVEN - 4 CR. HRS.
EGMT 2800 Energy Management Internship (4 Cr. Hrs.)
Prereq: Completion of all major course requirements

GENERAL EDUCATION REQUIREMENTS

COMPOSITION (EN) 3 CREDIT HOURS
ENGL 1010 Introduction to Writing

QUANTITATIVE STUDIES (QS) 4 CREDIT HOURS
MATH 1010 Intermediate Algebra

COMMUNICATIONS (CM) 3 CREDIT HOURS
CHOOSE FROM ONE OF THE FOLLOWING:
COMM 1010 Elements of Effective Communication (CM, IN)
COMM 1020 Principles of Public Speaking (CM, IN)
CIS 1020 Career Speech Skills (CM)

HUMAN RELATIONS (HR) 3 CREDIT HOURS
CHOOSE FROM ONE OF THE FOLLOWING:
COMM 2110 Interpersonal Communications (ID, HR)
CIS 1010 Leadership & Team Building (HR)
LE 1120 Human Relations-Career Development (SS, HR)
MKTG 1060 Professionalism in Business (HR)

DISTRIBUTION AREAS 3 CREDIT HOURS
CHOOSE AN ADDITIONAL THREE CREDIT HOURS FROM ONE OF THE FOLLOWING DISTRIBUTION AREAS:
Biological Science (BS)
Fine Arts (FA)
Humanities (HU)

Interdisciplinary (ID)
Physical Science (PS)
Social Science (SS)
See SLCC General Catalog for options in each of these categories.

TECHNICAL ELECTIVES 5 CREDIT HOURS
ARCH 2990 Sustainability and Green Building
EGMT 1600 Intro to Water Resources
EGMT 1710 Basic Photovoltaics Systems
ENVT 1010 Race to Save Planet (ID)
GEOG 1810 Geospatial Technology (ID)
GEOG 2210 Urban Environmental Issues

SUSTAINABILITY CERTIFICATE

SLCC is aware of the growing interest in and need for sustainability practices in homes and throughout the community. Sustainability is an awareness of the connectivity of the world and implications of our actions. It is finding solutions through innovative approaches and expanding further options by practicing environmental stewardship.

This certificate is for both AAS and AS/AA students pursuing other major programs, but who want to be versed in sustainability issues and practices in order to be better prepared for this growth industry.

Students who are currently working and who wish to augment their skills by gaining an overview of sustainability issues and practices to enhance their work performance or opportunities for advancement will also benefit from this certificate program.

CORE REQUIRED COURSES:
All students seeking to complete the Sustainability Certificate are required to take the following core courses for a total of 12 credit hours:

- ECON 2250 Environmental Economics (3 Cr. Hrs.)
- ENVT 1010 Race to Save the Planet (3 Cr. Hrs.)
- ENVT 2200 Laws/Policy for Sustainability (3 Cr. Hrs.)
Prereq: ENVT 1010.
- PHIL 2300 Intro to Environmental Ethics (3 Cr. Hrs.)

SCIENCE FOCUS
A minimum of 12 credit hours are required from the following courses:

- BIOL 1070 Marine Biology/1075 lab (4 Cr. Hrs.)
  Prereq: Concurrent with BIOL 1075.
- BIOL 1120 Conservation Biology (3 Cr. Hrs.)
- BIOL 2220 Ecology/2225 lab (4 Cr. Hrs.)
  Prereq: BIOL 1330 or 1350 (C grade or better), w/BIOL 2225.
- CHEM 1210 General Chemistry I (4 Cr. Hrs.)
- Prereq: MATH 1070 w/C or better, concurrent with CHEM 1215.
- GEO 1060 Environmental (3 Cr. Hrs.)
  Prereq: Concurrent with GEO 1065.
- GEO 1065 Lab (1 Cr. Hrs.)
  Prereq: Concurrent with GEO 1060.
- GEOG 1000 Earth's Surface Environments (3 Cr. Hrs.)
- GEOG 1400 Human Geography (3 Cr. Hrs.)
- GEOG 1700 Natural Disasters (3 Cr. Hrs.)
- GEOG 1810 Spatial Technology & Analysis (Cr. Hrs.)
- GEOG 2210 Urban Environmental Issues (3 Cr. Hrs.)
- MET 1010 Introduction to Meteorology (3 Cr. Hrs.)

HUMANITIES FOCUS
A minimum of 12 credit hours are required from the following courses:

- COMM 1140 Environmental Communication (3 Cr. Hrs.)
- GEOG 1400 Human Geography (3 Cr. Hrs.)
- GEOG 2210 Urban Environmental Issues (3 Cr. Hrs.)
- PSY 2400 Eco-Psychology (3 Cr. Hrs.)
  Prereq: PSY 1010.
TECHNOLOGY FOCUS
A minimum of 12 credit hours are required from the following courses:

ARCH 2990 Special Topics: Sustainability and Green Building (Variable)
    Prereq: Instructor’s approval.
AUTO 1299 Special Topics: Auto Training in Alternative Fuels (Variable)
CHEF 1600 Herb Horticulture (3 Cr. Hrs.)
CS 1030 Connected Computing (3 Cr. Hrs.)
GEOG 1800 Spatial Technology & Analysis (3 Cr. Hrs.)
GEOG 1820 Applied GIS (3 Cr. Hrs.)
    Prereq: GEOG/GIS 1800 or Instructor Approval.
GEOG 2920 Advanced GIS (3 Cr. Hrs.)
    Prereq: GEOG 1900 or Instructor Approval.

GROWING PARENTS
Contact:
Paula Nielson-Williams
(801) 957-5211
paula.nielson-williams@slcc.edu

Growing Parents is a part of Continuing Education at Salt Lake Community College. The courses and activities listed under Growing Parents are designed to be fun, fulfilling and worthwhile as we explore a wide variety of topics, interests and activities. The classes are mostly geared for adults but are designed so that parents with young children can bring their children with them.

Rules and Guidelines:
• Classes are open to everyone. Special accommodations must be asked for in advance to the program coordinator.
• Children must be accompanied by their parent(s) or legal guardian(s).
• Before, during and after class time, parents are responsible for the supervision, control, care and needs of their own children.
• If parents fail to control or supervise their children, the instructor can ask them to leave and no refund will be given.
• All classes must be paid for in full either through pre-registration or on the day-of before attendance to class will be allowed.
• Salt Lake Community College is not responsible for personal damage which may be blamed upon such a program in the future to yourself or others, and students accept this responsibility when signing up for the class.

LOCATION: Miller Campus
SEMESTERS OFFERED: Varies
CREDIT/NON-CREDIT: Non-Credit

PROGRAM COURSES:
CEGP 0100 Baby Sign Language
CEGP 0211 Fun and Economical Birthday Parties
CEGP 0210 Meaningful Parenting Tips
CEGP 0212 What’s for Dinner?

HEALTH & WELLNESS
Contact:
Paula Nielson-Williams
(801) 957-5211
paula.nielson-williams@slcc.edu

LOCATION: Varies
SEMESTERS OFFERED: Varies
CREDIT/NON-CREDIT: Non-Credit

PROGRAM COURSES:
CEHW 100 Low Glycemic Index
CEHW 300 Fit and Fabulous Kids
CEHW 4000 Loving Your Body

CEHW 500 Fact & Fiction of Exercise
CEHW 610 Operation Wellness
CEHW 900 Group Fitness Instructor Training

LIBRARY & INFORMATION SCIENCE
Contact:
Kathy Jonsson
(801) 957-4483
kathy.jonsson@slcc.edu

Library and Information Science professionals meet the challenges of a constantly changing information environment. They use the latest information technologies to organize and retrieve information. Library Professionals work in diverse settings such as corporations, law firms, cultural organizations, financial institutions, schools, and public libraries. A wealth of opportunity exists in the expanding information sector, including internet applications, training, and customer support. Students completing the program will have solid foundations to start careers in the library and information arenas, or to advance their careers in these disciplines.

LOCATION: Online
SEMESTERS OFFERED: All
CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)

Please see Library & Information Science in the Online Courses section, page 260 for complete listing.

MORTUARY SCIENCE
Contact:
Mi Yon Hodges
(801) 957-5555
miyon.hodges@slcc.edu

LOCATION: Taylorsville Redwood Campus
SEMESTERS OFFERED: Fall, Spring
CREDIT/NON-CREDIT: Credit
(Credit Programs require application to SLCC)

PROGRAM COURSES:
MORT 1010 Introduction to Mortuary Science

“New program is in development. Contact program coordinator for information.

NATIVE AMERICAN STUDIES
Contact:
Kathy Jonsson
(801) 957-4483
kathy.jonsson@slcc.edu

Utah has a rich heritage in the culture, prehistory, and history of Native Americans. From prehistoric times to the historic Ute, Paiute, Shoshone, and Navajo to contemporary affairs. A number of classes will be offered each semester to those interested in learning more about past, present, and potential future development of Native Americans. A multi-disciplinary approach that includes history, anthropology, sociology, political science, and linguistics gives each student an opportunity to adapt his or her personal interest to topics of choice.

LOCATION: Redwood Campus
SEMESTERS OFFERED: All
FORMAT: Lecture
CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)
NOTARY PUBLIC TRAINING LIVE WORKSHOP

Contact: Mykel Severson
(801) 957-3107
mykel.severson@slcc.edu

LOCATION: Miller Campus
SEMESTERS OFFERED: All, Every Month
CREDIT/NON-CREDIT: Non-Credit

PROGRAM COURSES:
CEMS 2061 Utah Notary Training Live Workshop

OPTICIAN & OPHTHALMIC TECHNICIAN

Contact: Jennifer Pollock
(801) 957-4697
jennifer.pollock@slcc.edu

Students will become familiar with careers in the eye care field. Students will gain a basic understanding of the anatomy of the eye, common eye problems and specific terminology for the eye care profession.

LOCATION: Jordan Campus
SEMESTERS OFFERED: Fall
CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)

PROGRAM COURSES:
OPT 1010 Intro to Eye Care (3 Cr. Hrs.)

PARALEGAL DEGREE (A.A.S.)

Contact: Paralegal Specialist
(801) 957-3648
continuingeducation@slcc.edu

A paralegal (a title also known as and used interchangeably with the term “legal assistant”) is a person qualified through education, training and work experience who under the direction and supervision of an attorney performs delegated legal work for the attorney or law firm. Although a paralegal is not licensed to practice law, he or she completes tasks traditionally performed by an attorney with the exceptions of giving legal advice, independently representing clients and any other unauthorized practice of law.

A Paralegal Studies degree from Salt Lake Community College provides a broad-based education preparing students for employment in today’s workforce. The Paralegal Program is specifically designed for those considering employment as a paralegal or those who wish to update their professional development or for those already in the field. Many graduates also use the skills obtained in the Program to seek employment in non-traditional legal and business related fields.

General requirements and a variety of elective courses permit important choices for students and provide graduates with training in effective oral and written communication and human relation skills. Various courses are taught using group activities in the learning.

The Paralegal Studies degree is a two year Associate of Applied Science degree. Students qualify for the degree by completing 19 hours of general education requirements and 48 hours of Program specific courses. 31 hours are required coursework and 15 hours are elective hours chosen by the students. Courses are typically taught at the Library Square and the Taylorsville Redwood Campus.

LOCATION: Taylorsville Redwood Campus
SEMESTERS OFFERED: All
CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)

PROGRAM COURSES:
PLS 1010 Introduction to Law (3 Cr. Hrs.)
PLS 1020 Intro to Civil Litigation (3 Cr. Hrs.)
PLS 1030 Intro to Research & Writing (3 Cr. Hrs.)
Prereq: ENGL 1010.
PLS 1050 Legal Research & Writing II (3 Cr. Hrs.)
Prereq: PLS 1020, PLS 1030.
PLS 1070 Criminal Law & Procedure (3 Cr. Hrs.)
PLS 1080 Contracts (3 Cr. Hrs.)
PLS 1090 Bankruptcy and Collections (3 Cr. Hrs.)
PLS 1100 Wills, Probate and Estates (3 Cr. Hrs.)
PLS 1120 Paralegal Proc. I (5 Cr. Hrs.)
PLS 1130 Administrative Law (3 Cr. Hrs.)
PLS 1140 Environmental Law (3 Cr. Hrs.)
Prereq: PLS 1010.
PLS 1150 Family Law (3 Cr. Hrs.)
PLS 1150 Evidence (3 Cr. Hrs.)
Prereq: PLS 1070.
PLS 1190 Constitutional Law (3 Cr. Hrs.)
PLS 1190 Torts (3 Cr. Hrs.)
PLS 1190 Real Estate Law (3 Cr. Hrs.)
PLS 2000 Paralegal CO-OP I & II (6 Cr. Hrs.)
Prereq: PLS 1050 and faculty approval.
PLS 2010 Computer Essentials Paralegals (4 Cr. Hrs.)
PLS 2050 Legal Research & Writing H (3 Cr. Hrs.)
Prereq: PLS 1050.
PLS 2070 Mediation (3 Cr. Hrs.)
Prereq: Variable.
PLS 2090 Paralegal Practicum (3 Cr. Hrs.)
Prereq: PLS 1010, 1030, 1050, 1120, 2010.
PLS 2190 Ethics (3 Cr. Hrs.)
Prereq: 12 hours of PLS classes.
PLS 2190 Legal Portfolio (3 Cr. Hrs.)
Prereq: All previous writing courses.
PLS 2150 Securities (3 Cr. Hrs.)
Prereq: PLS 1010.
PLS 2160 Hollywood and the Law (3 Cr. Hrs.)
Prereq: Variable.
PLS 2990 Special Studies (3 Cr. Hrs.)
Prereq: Variable to topic.

PHARMACY TECHNICIAN CERTIFICATE

Contact: Jennifer Pollock
(801) 957-4697
jennifer.pollock@slcc.edu

Pre-requisite requirements for admission to the Pharmacy Technician Program:

• Complete SLCC Admissions
• Math 0920 or 0950 w/CR or better OR a CPT placement score of Math 0990
• Completed Background Check
• Typing Test, 30 NWPM
• Completed Pharmacy Tech. Application

Students enrolling in this program require an externship and are hereby advised that prior to enrolling in PHAR 1070 Fieldwork Preparation course - both a current background check and drug screen must be completed and results received by the college. Costs for both the background check and drug screen are the responsibility of the student.

This program must be completed within one year per policy by the State of Utah Division of Occupational & Professional Licensing (DOPL).

Students are admitted into the program in the spring and fall semesters. Students may enroll in MA 1100 (Medical terminology) independently of other course.

LOCATION: Jordan Campus
SEMESTERS OFFERED: Spring and Fall, Limited Enrollment
CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)

PROGRAM COURSES:

SEMMESTER ONE
PHAR 1010 Intro to Pharmacy Practice (5 Cr. Hrs.)
PHAR 1020 Intro to Pharmacology I (2 Cr. Hrs.)
PHAR 1040 Calculations & Law (2 Cr. Hrs.)
MA 1100 Medical Terminology (2 Cr. Hrs.)

SEMMESTER TWO
PHAR 1030 Compounding/Sterile Products (4 Cr. Hrs.)
PHAR 1050 Pharmacy Computers (2 Cr. Hrs.)
PHAR 1060 Pharmacology II (2 Cr. Hrs.)
PHAR 1065 Pharmacology III/ Over the Counter Drugs (2 Cr. Hrs.)

SEMMESTER THREE
PHAR 1070 Fieldwork Preparation (4 Cr. Hrs.)
PHAR 1075 Pharmacy Adjudication (1 Cr. Hrs.)

POOL AND SPA TECHNICIAN
Contact:
Nadine Sharpe
(801) 957-3121
nadine.sharpe@slcc.edu

This program provides required training under the Utah Health Department. This intensive 16 hour (2-day) program covers skills such as pool and spa chemistry, testing, treatment, filtration, maintenance and automatic feeding equipment. It also addresses local and state codes as well as other governmental requirements.

Participants must pass an examination to be certified. The certification is valid for five years at which time a refresher course and an exam must be passed. The course fee includes the Pool/Spa Operators Handbook, produced and published by the NSPF, is an invaluable resource and reference for both the novice and the professional who must trouble shoot on a broad spectrum of functional problems.

LOCATION: Miller Campus
SEMESTERS OFFERED: Monthly
CREDIT/NON-CREDIT: Non-Credit

PROGRAM COURSES:
CEHZ 0516 Pool and Spa Operator
RETAIL MANAGEMENT CERTIFICATE
Contact:
Nadine Sharpe
(801) 957-3121
nadine.sharpe@slcc.edu

The Retail Management Certificate is designed for future and current employees in a variety of retail operations, including grocery stores, departments specialty retailers and wholesalers. The curriculum encompasses broad-based training in ten content areas and gives a clear sense of what is involved in managing a retail sales operation or line of merchandise and the knowledge and skills needed to excel in the profession.

This program is a partnership between the School of Professional and Economic Development and the School of Business at Salt Lake Community College. The Western Association of Food Chains (WAFC) and industry leaders collaborated with SLCC to ensure that the program meets industry standards and guidelines.

LOCATION: Taylorsville Redwood Campus
SEMESTERS OFFERED: Varies, Monthly
CREDIT/NON-CREDIT: Credit (Credit programs require application to SLCC)

PROGRAM COURSES:
ACCT 2010 Survey of Financial Accounting (3 Cr. Hrs.)
BUS 2200 Business Communications (3 Cr. Hrs.)
CIS 1020 Computer Essentials (5 Cr. Hrs.)
ENGL 1010 Intro to Writing (3 Cr. Hrs.)
FIN 1380 Financial Mathematics (3 Cr. Hrs.)
MGT 1600 Management Essentials (3 Cr. Hrs.)
MGT 2070 Human Resource Management (3 Cr. Hrs.)
MKTG 1030 Introduction To Marketing (3 Cr. Hrs.)
MKTG 2190 Retail Management (5 Cr. Hrs.)
MKTG 2350 Business and Consumer Marketing (3 Cr. Hrs.)

SKI LIFT MAINTENANCE (ROPEWAY MAINTENANCE TECHNICIAN)
Contact:
Mi Yon Hodges
(801) 957-3555
miyon.hodges@slcc.edu

Love to ski? Get paid to ski. This program will teach you the mechanical and electrical components of ski lift repair. Come discover this new career opportunity.

LOCATION: Miller Campus
SEMESTERS OFFERED: Varies
CREDIT/NON-CREDIT: Non-Credit

PROGRAM COURSES:
ROPE 1010 Intro to Ski Lift Maintenance (1 Cr. Hr.)

TELECOM WORKSHOPS
Contact:
Dan Trujillo, MBA
(801) 957-4845
dan.trujillo@slcc.edu

These workshops are offered to give industry professionals specialized course offerings - for credit.

LOCATION: Taylorsville Redwood Campus
SEMESTERS OFFERED: All
CREDIT/NON-CREDIT: Non-Credit

THERAPEUTIC RECREATION TECHNICIAN
Contact:
Paula Nielson-Williams
(801) 957-3244
paula.nielson-williams@slcc.edu

This course consists of ten nine-hour sessions. This course is an introduction to the field of Therapeutic Recreation and provides a foundation for students wishing to obtain their Therapeutic Recreation Technician (TRT) license. Students explore various approaches to programming for populations who are geriatric or who have substance abuse, psychiatric or developmental disabilities. The course prepares students to take the state Therapeutic Recreational Therapist Exam which is required to work in the field.

LOCATION: Taylorsville Redwood Campus
SEMESTERS OFFERED: Spring and Fall
CREDIT/NON-CREDIT: Credit (Credit Programs require application to SLCC)

PROGRAM COURSES:
HSS 1500 Therapeutic Recreation Technician (6 Cr. Hrs.)

TRANSITION TO TEACHING (ALTERNATIVE ROUTES TO LICENSURE)
Contact:
Ronald Stanfield, Ed.D.
(801) 957-3244
ron.stanfield@slcc.edu

UTAH STATE OFFICE OF EDUCATION LICENSURE PROGRAMS
The Utah State Office of Education (USOE) and SLCC offer the following opportunities that lead to a Utah Professional Educator License. Students must have approval from the USOE and have a professional development plan before they can register for classes in the Alternative Routes to Licensure program. More detailed information is available on the USOE website: www.schools.utah.gov/cert/APT/ARL/description.htm

TRANSITION TO TEACHING
This is a program for individuals with a bachelor's degree in a subject area taught in Utah schools and who are currently teaching in a public school under contract, but have not completed a teacher preparation program. www.schools.utah.gov/cert/apt/

CAREER AND TECHNICAL EDUCATION ALTERNATIVE PREPARATION (CTE/AP)
This program is for individuals whose backgrounds are in business, trades, and industry: www.schools.utah.gov/cert/apt/APR
TROOPS TO TEACHERS (TTT)
Eligible military personnel can enroll in this program to begin new careers as public school teachers.
www.schools.utah.gov/cert/APT/ARL/description.htm

LOCATION: Varies
SEMESTERS OFFERED: All
CREDIT/NON-CREDIT: Both
(Credit Programs require application to SLCC)

PROGRAM COURSES:
CEAL 0100 Transition to Teaching Orientation Course
CEAL 0200 Managing Behavioral Problems: Practical Interventions That Work
EDU 2800 Instruction, Technology, Assessment & Planning (3 Cr. Hrs.)
Prereq: ARL Candidates only
EDU 2010 Introduction to Special Education (3 Cr. Hrs.)
EDU 2820 Creating A Learning Environment (3 Cr. Hrs.)
Prereq: ARL Candidates only
EDU 2840 Literacy Strategies (3 Cr. Hrs.)
Prereq: ARL Candidates only
EDU 2860 Survey of Learning and Teaching Diverse Populations (3 Cr. Hrs.)
Prereq: ARL candidates only.
FHS 2645 Integrated Curriculum (K-3)
Prereq: ARL candidates only.

TRAVEL PLANNER CERTIFICATE
Contact:
Jennifer Pollock
(801) 957-4697
jennifer.pollock@slcc.edu

This is a well-rounded career program designed to prepare students for the travel and tourism industry, including: travel agencies, cruise lines, transportation companies, resorts and hotels, tourism companies, and corporate travel departments. The program consists of 14 internet based courses and prepare students to take the national Travel Agent Proficiency (TAP) exam.

LOCATION: All Online
SEMESTERS OFFERED: All
CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)

Please see Travel Planner Certificate in the Online Courses section, page 256 for complete listing.

VETERINARY
Contact:
Nadine Sharpe
(801) 957-3121
nadine.sharpe@slcc.edu

This introduction to the veterinary industry improves understanding of how to be an integral member of the veterinary health care team. Instruction is given in medical terminology, medical charting, patient management, care and handling of animals, basic principles of normal and abnormal life processes, and routine laboratory and clinical procedures.

LOCATION: Taylorsville Redwood Campus
SEMESTERS OFFERED: Spring, Fall
CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)

PROGRAM COURSES:
VET 1010 Intro/Veterinary Technician (3 Cr. Hrs.)
VET 1120 Animal Nursing (3 Cr. Hrs.)

YOGA INSTRUCTOR TRAINING
Contact:
Paula Nielson-Williams
(801) 957-5211
paula.nielson-williams@slcc.edu

This series of courses prepare students to become a Yoga Instructor. The courses follow the Yoga Alliance requirements and SLCC has been approved as an official Yoga Alliance School at the 200 hour level. During the course students will learn various asanas, yoga philosophies, meditation, pranayama, yoga anatomy and physiology, chakras, nadis, etc. Students will then be able to apply their knowledge to teach others.

LOCATION: Taylorsville Redwood Campus
SEMESTERS OFFERED: Spring
CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)

PROGRAM PREREQUISITES
HLAC 1057 Yoga I (1 Cr. Hrs.)
OR
HLAC 1058 Yoga II (1 Cr. Hrs.)
Prereq: HLAC 1057 or instructor permission.

A personal yoga practice.

PROGRAM COURSES

YOUTH SUMMER READING SKILLS PROGRAM
Contact:
Nadine Sharpe
(801) 957-3121
nadine.sharpe@slcc.edu

Developing and improving reading skills, as well as encouraging a lifelong love of learning, are the objectives of this program for children and youth entering grades K-12. Students are taught essential phonic and comprehension skills required to become a fluent reader.

LOCATION: Taylorsville Redwood and Jordan Campuses
SEMESTERS OFFERED: Summer
CREDIT/NON-CREDIT: Non-Credit

PROGRAM COURSES:
Reading Development Programs for 4-Year-Olds Through Entering 2nd Graders
Reading Development Programs for Students Entering 3rd Through 5th Grades
Reading and Study Skills Programs for Middle School and High School
ONLINE COURSES

ed2go INTERNET COURSES

Contact:
Mykel Severson
(801) 957-3107
mykel.severson@slcc.edu

Our instructor-facilitated online courses are informative, fun, convenient, and highly interactive. Our instructors are famous for their ability to create warm and supportive communities of learners.

Most courses run for six weeks (with a ten-day grace period at the end). Courses are project-oriented and include lessons, quizzes, hands-on assignments, discussion areas, supplementary links, and more. You can complete any of these courses entirely from your home or office and at any time of the day or night.

START DATES:
New course sessions begin each month. Please visit our Online Instruction Center to see exact start dates for the courses that interest you.

REQUIREMENTS:
All courses require Internet access, E-mail, Microsoft Internet Explorer, or Firefox web browsers. Some courses may have additional requirements. Please visit our Online Instruction Center for more information.

www.ed2go.com/saltlakecc

LOCATION: All, Online
SEMESTERS OFFERED: All, Every 6 Weeks
CREDIT/NON-CREDIT: Non-Credit

PROGRAM COURSES:
ART, HISTORY, MATH, & MORE
CETG 0240 Enjoying European Art Online
CETG 0317 Introduction to Algebra

ACCOUNTING
CETG 0341 Performing Payroll in Quickbooks 2009 BASIC COMPUTER

LITERACY
CETG 0187 Keyboarding
CETG 0178 Introduction to Windows Vista
CETG 0188 Introduction to the Internet
CETG 0137 Introduction to Windows XP
CETG 0165 Introduction to Linux
CETG 0245 Computer Skills for the Workplace
CETG 0342 Introduction to PC Security

BUSINESS COURSES
CETG 0118 Going Green at the Workplace
CETG 0250 Accounting Fundamentals
CEMG 0101 Administrative Assistant Fundamentals
CEMG 0106 Managing Customer Service
CETG 0256 Professional Sales Skills
CEMG 0113 Principles of Sales Management
CETG 0255 Successful Construction Business Management
CETG 0440, 0402 Introduction to QuickBooks
CEMG 0033 Distribution and Logistics Management
CEMG 0391 Introduction to Business Analysis
CETG 0369 Real Estate Law
CEMG 0014 Mastery of Business Fundamentals
CEMG 0017 Project Management Fundamentals
CETG 0201 PMP Certification Prep 1
CEMG 0034 Understanding the Human Resources Function
CEMG 0019 Employment Law Fundamentals
CEMG 0019 Total Quality Fundamentals
CEMG 0010 Fundamentals of Supervision and Management
CEMG 0038 High Speed Project Management
CEMG 0002 Purchasing Fundamentals

CAREER IDEAS
CETG 0273 Become a Veterinary Assistant
CETG 0307 Real Estate Investing
CETG 0277 Get Paid to Travel
CFTG 0278 Fundamentals of Technical Writing
CETG 0281 Introduction to Criminal Law
CETG 0282 Introduction to the Game Industry
CETG 0291 Publish It Yourself: How to Start and Operate Your Own Publishing Business

CERTIFICATION PREP
CETG 0232 Basic CompTIA® A+ Certification Prep
CETG 0325 Windows Microsoft Certification Prep: Exam 70-270
CETG 0305 CompTIA Security+ Certification Prep
CETG 0213 CompTIA® Network+ Certification Prep

COMPUTER APPLICATIONS
CETG 0250, 0420 Introduction to Microsoft Word
CETG 0311 Intermediate Microsoft Word
CETG 0351 Advanced Microsoft Word
CETG 0352, 0425 Introduction to Microsoft Access
CETG 0326 Intermediate Microsoft Access
CETG 0323, 0423 Introduction to Microsoft Excel
CETG 0324 Intermediate Microsoft Excel
CETG 0330 Advanced Microsoft Excel
CETG 0430 Advanced MS Excel 2007
CETG 0346, 0444 Introduction to PowerPoint
CETG 0436 Introduction to Microsoft Publisher
CETG 0300, 0401 Introduction to Microsoft Outlook
CETG 0327, 0427 Introduction to Microsoft Project
CETG 0208 Introduction to Oracle
CETG 0474 Introduction to Microsoft Visio 2007
CETG 0440, 0450 Introduction to QuickBooks
CETG 0142, 0402 Performing Payroll in QuickBooks
CETG 0441 Introduction to Microsoft PowerPoint 2007
CETG 0427 Introduction to Microsoft Project 2007
CETG 0313, 0413 QuickBooks for Contractors
CETG 0416 Introduction to Photoshop
CETG 0429 Design Projects for Adobe Illustrator
CETG 0519 Intermediate Photoshop CS2
CETG 0466 Introduction to Dreamweaver 8

COMPUTER PROGRAMMING
CETG 0275 Introduction to C C# Programming
CETG 0373 Introduction to C# Programming
CETG 0473 Intermediate C# Programming
CETG 0486 Introduction Visual Basic 2005
CETG 0380 Introduction to Alice 2.0 Programming
CETG 0391 Introduction to Python 2.5 Programming
CETG 0416 Introduction to SQL
CETG 0414 Introduction to Database Development
CETG 0414 Introduction to Perl Programming
CETG 0262 Introduction to the Game Industry

DIGITAL PHOTOGRAPHY
CETG 0392 Discover Digital Photography
CETG 0418 Intermediate Photoshop CS4
CETG 0318 Intro to Photoshop CS4
CETG 0436, 0437 Photoshop Elements
CETG 0347 Making Movies with Windows XP
CETG 0285 Photographing People With Your Digital Camera

ENTERTAINMENT
CETG 0349 Music Made Easy
CETG 0270 Drawing for the Absolute Beginner

FAMILY & FRIENDS
CETG 0178 Understanding Adolescents

HEALTH CARE
CETG 0139 Medical Terminology: A Word Association Approach
CETG 0178 Lose Weight & Keep It Off!
CETG 0315 Medical Transcription
CETG 0273 Become a Veterinary Assistant
CETG 0375 Become a Veterinary Assistant II: Canine Reproduction
CETG 0473 Become a Veterinary Assistant III: Practical Skills
CETG 0109 Handling Medical Emergencies
CETG 0140 Introduction to Natural Health and Healing

GRANT WRITING/NONPROFITS
CETG 0032 Creating Your Own Nonprofit
CETG 0032 Introduction to Nonprofit Management
CETG 0132 Marketing Your Nonprofit
CETG 0382 Get Grants!
CETG 0154 A to Z Grant Writing
CETG 0182 Writing Effective Grant Proposals
CETG 0282 Advanced Grant Proposal Writing
CETG 0355 Becoming a Grant Writing Consultant

LANGUAGES
CETG 0155 Speed Spanish I
CETG 0177 Instant Italian
CETG 0278 Beginning Conversational French
CETG 0189 Beginning Braille Transcription
CETG 0353 Grammar for ESL

LAW & LEGAL CAREERS
CETG 0261 Introduction to Criminal Law
CETG 0260 Evidence Law
CETG 0370 Winning Strategy for the Courtroom
CETG 0361 Constitutional Law Bill of Rights
CETG 0015 Employment Law Fundamentals
CETG 0368 Workers’ Compensation
CETG 0311 LSAT Preparation - Part 1
CETG 0369 Real Estate Law

PERSONAL DEVELOPMENT
CETG 0375 Grammar Refresher
CETG 0174 Twelve Steps to a Successful Job Search
CETG 0176 Individual Excellence
CETG 0238 Leadership
CETG 0225 Computer Skills for the Workplace
CETG 0299 Merrill Ream Speed Reading
CETG 0372 Get Assertive!
CETG 0371 Achieving Success with Difficult People
CETG 0168 Keys to Effective Communication
CETG 0309 Handling Medical Emergencies
CETG 0246 Outdoor Survival Techniques

NETWORKING/TROUBLESHOOTING
CETG 0303 Introduction to PC Troubleshooting
CETG 0220 Introduction to Networking
CETG 0242 Intermediate Networking
CETG 0314 Wireless Networking

PERSONAL FINANCE
CETG 0370 Real Estate Investing
CETG 0123 Debt Elimination Techniques That Work
CETG 0367 Where Does All My Money Go?
CETG 0292 Personal Finance
CETG 0260 Introduction to Stock Options
CETG 0357 Building Wealth
CETG 0333, 0423 Introduction to Microsoft Excel

START YOUR OWN BUSINESS
CETG 0296 Learn to Buy and Sell on eBay
CETG 0145 Marketing Your Business on the Internet
CETG 0305 Secrets of the Caterer
CETG 0291 Publish It Yourself: How to Start and Operate Your Own Publishing Business
CETG 0126 Start Your Own Consulting Practice
CETG 0123 Start and Operate Your Own Home-Based Business
CETG 0177 Creating a Successful Business Plan
CETG 0267 Business and Marketing Writing

TEACHING PROFESSIONALS COURSES
CETG 0333 Guided Reading & Writing: Maximum Student Achievement
CETG 0306 Enhancing Language Development in Childhood
CETG 0379 Practical Ideas for the Adult ESL/EFL Classroom
CETG 0345 Singapore Math: Number Sense and Computational Strategies
CETG 0143 Spanish in the Classroom
CETG 0287 Teaching ESL/EFL Reading
CETG 0288 Teaching ESL/EFL Grammar
CETG 0289 Teaching ESL/EFL Vocabulary
CETG 0361 Teaching Science: Grades 4-6
CETG 0362 Teaching Writing: Grades 4-6
CETG 0360 Teaching Math: Grades 4-6
CETG 0256 Differentiated Instruction in the Classroom
CETG 0316 Guided Reading: Strategies for the Differentiated Classroom
CETG 0276 Creating the Inclusive Classroom: Strategies for Success
CETG 0344 Singapore Math Strategies: Model Drawing for Grades 1-6
CETG 0339 Teaching Students With Autism: Strategies for Success
CETG 0389 Response to Intervention: Reading Strategies That Work
CETG 0276 Working Successfully With Learning Disabled Students

TEST PREP
CETG 0210 GED Preparation
CETG 0310 Prepare for the GED Language Arts, Writing Test
CETG 0410 Prepare for the GED Math Test
CETG 0211 SAT/ACT Preparation – Part 1
CETG 0312 SAT/ACT Preparation – Part 2
CETG 0265 GMAT Preparation
CETG 0361 GRE Preparation – Part 1
CETG 0264 GRE Preparation – Part 2
CETG 0311 LSAT Preparation – Part 1
CETG 0312 LSAT Preparation – Part 2

TEACHING
CETG 0372 Solving Classroom Discipline Problems
CETG 0388 Survival Kit for New Teachers
CETG 0332 Big Ideas in Little Books
CETG 0363 The Classroom Computer
CETG 0361 Using the Internet in the Classroom
CETG 0363 The Creative Classroom

WEB DESIGN
CETG 0417 Intro to Flash CS4
CETG 0444 Intro to Dreamweaver CS4
CETG 0138 Web 2.0: Blogs, Wikis, & Podcasts
CETG 0100 Creating Web Pages
CETG 0400 Creating Web Pages II
CETG 0348 Introduction to Microsoft FrontPage
CETG 0171 Designing Effective Websites
CETG 0185 Achieving Top Search Engine Positions
CETG 0381 Creating Web Graphics with Photoshop CS3
CETG 0371 Introduction to Flash
CETG 0270 Drawing for the Absolute Beginner

WEB PROGRAMMING
CETG 0164 Introduction to Java Programming
CETG 0372 Introduction to CSS and XHTML
CETG 0147 Introduction to Perl Programming
CETG 0038 High-Speed Project Management
CETG 0364 Introduction to ASP.NET
CETG 0346 Introduction to PHP and MySQL
CETG 0446 Intermediate PHP and MySQL

WRITING
CETG 0142 Writerific: Creativity Training for Writers
CETG 0269 Write & Publish Your Non-fiction Book
CETG 0173 Grammar Refresher
CETG 0329 The Keys to Effective Editing
CETG 0337 Introduction to Journaling
CETG 0390 Beginner’s Guide to Getting Published
CETG 0383 Romance Writing Secrets
CETG 0127 Write Your Life Story
CETG 0127 Write Fiction Like a Pro
CETG 0141 The Craft of Magazine Writing
CETG 0385 Advanced Fiction Writing
CETG 0303 Research Methods for Writers
CETG 0228 Fundamentals of Technical Writing
CETG 0396 A Writer's Guide to Descriptive Settings
CETG 0392 Forensic Science For Writers
CETG 0341 Effective Business Writing
CETG 0394 Mystery Writing
CETG 0353 Writing for Children
CETG 0131 Travel Writing
CETG 0354 Beginning Writer’s Workshop
EVENT AND MEETING PLANNER CERTIFICATE

Contact: Jennifer Pollock
(801) 957-4697
jennifer.pollock@slcc.edu

The event and meeting planning industry is an expanding profession with vast opportunities for growth. If you like organizing events or planning socials with the ability to network, then this is the program for you! Let this certificate program help you transition into this exciting field!

LOCATION: Online
SEMESTERS OFFERED: Spring, Fall
CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)

PROGRAM COURSES:
EVNT 1010 Intro to Event & Meeting Planning (2 Cr. Hrs.)
EVNT 1400 Food & Beverage Management (3 Cr. Hrs.)

GENEALOGY

Contact: Kathy Jonsson
(801) 957-4483
kathy.jonsson@slcc.edu

Students learn the proper use of genealogic records and sources in the classroom, online, and through hands-on research experience. In addition, they are introduced to many possible career paths in the family history field. Students enrolled in this course have the unique opportunity to learn solid research and organizational skills. You can get a certificate in just three short semesters.

LOCATION: All
SEMESTERS OFFERED: All
FORMAT: Online
CREDIT/NON-CREDIT: Both
(Credit programs require application to SLCC)

CREDIT COURSES:
GEN 1015 Finding Your American Family (3 Cr. Hrs.)
GEN 1016 Tracing Immigrant Ancestry (3 Cr. Hrs.)
GEN 1020 Breaking the Code (1 Cr. Hr.) (In Development)
GEN 1030 Genealogy Tools for Computers (3 Cr. Hrs.)
GEN 1035 Internet Skills for Genealogists (3 Cr. Hrs.)
GEN 1110 Genealogical Publishing (3 Cr. Hrs.)
GEN 1150 Preparing for Your Credential (5 Cr. Hrs.) (In Development)
GEN 1370 Using DNA In Your Search (3 Cr. Hrs.) (In Development)
GEN 1600 Working as a Professional (3 Cr. Hrs.)
GEN 2010 Professional Symposium (3 Cr. Hrs.)

LIBRARY & INFORMATION SCIENCE

Contact: Kathy Jonsson
(801) 957-4483
kathy.jonsson@slcc.edu

Library and Information Science professionals meet the challenges of a constantly changing information environment. They use the latest information technologies to organize and retrieve information. Library Professionals work in diverse settings such as corporations, law firms, cultural organizations, financial insti-
tutions, schools, and public libraries. A wealth of opportunity exists in the expanding information sector, including internet applications, training, and customer support. Students completing the program will have solid foundations to start careers in the library and information arenas, or to advance their careers in these disciplines.

LOCATION: Online
SEMESTERS OFFERED: All
CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)

PROGRAM COURSES:
LIS 1010 Intro to Library Services (3 Cr. Hrs.)
LIS 1200 Public and Info (3 Cr. Hrs.)
LIS 1900 Library Technical Services (3 Cr. Hrs.)
LIS 2021 Information Sources & Services (3 Cr. Hrs.)
LIS 2030 Humanities & Social Science Sources & Structures (3 Cr. Hrs.)

NOTARY PUBLIC TRAINING

Contact: Mykel Severson
(801) 957-3107
mykel.severson@slcc.edu

LOCATION: All, Online
SEMESTERS OFFERED: All, Every Month
Credit / Non Credit: Non-Credit
(Credit programs require application to SLCC)

CEMS 0006 Internet-based tutorial for relicensing or out-of-area students

TRAVEL PLANNER CERTIFICATE

Contact: Jennifer Pollock
(801) 957-4697
jennifer.pollock@slcc.edu

This is a well-rounded career program designed to prepare students for the travel and tourism industry, including travel agencies, cruise lines, transportation companies, resorts and hotels, tourism companies, and corporate travel departments. The program consists of 14 internet based courses and prepare students to take the national Travel Agent Proficiency (TAP) exam.

LOCATION: Online
SEMESTERS OFFERED: All
CREDIT/NON-CREDIT: Credit
(Credit programs require application to SLCC)

PROGRAM COURSES:
TRVL 1010 Intro to Hospitality & Travel (2 Cr. Hrs.)
TRVL 1020 Travel Destinations (2 Cr. Hrs.)
TRVL 1030 Travel Reservations (2 Cr. Hrs.)
TRVL 1040 Automated Air Reservations (2 Cr. Hrs.)
TRVL 1050 Travel Sales and Trends (2 Cr. Hrs.)
TRVL 1060 Air Fares US Domestic (2 Cr. Hrs.)
Prereq: Recommend concurrent w/TRVL 1040
TRVL 1070 Air Fares International (2 Cr. Hrs.)
Prereq: Recommend concurrent w/TRVL 1040
TRVL 1080 Automated Air Fares & Tickets (2 Cr. Hrs.)
Prereq: Recommend concurrent w/TRVL 1040
TRVL 1090 Ground Transportation (2 Cr. Hrs.)
TRVL 1091 Hotels & Lodging (2 Cr. Hrs.)
TRVL 1345 Automated Travel Accommodations (2 Cr. Hrs.)
Prereq: TRVL 1040, TRVL 1080
TRVL 1520 The Cruise Market (2 Cr. Hrs.)
TRVL 2030 Selling Vacation Packages & Tours (2 Cr. Hrs.)
TRVL 2040 Fares & Tickets International (2 Cr. Hrs.)
INSTITUTE OF PUBLIC SAFETY

Estimated cost of books and supplies per program $250

Academic Advisor (801) 957-3920
Larry H. Miller Campus, (801) 957-5200
General Information (801) 957-4073 or (801) 957-3930
Director: James Hoffman

The CJ 1910 and CJ 1920 courses (Peace Officer’s Academy) are team-taught by practitioner instructors who are P.O.S.T. certified. The teams include selected members of the Institute training staff, local law enforcement agencies, and attorneys for city, county, and state agencies.

THE PROGRAM
The 1985 Utah Legislature altered statutes concerning law enforcement instructional programs. Four categories of training programs and certification requirements became effective July 1, 1985. These categories and certification standards have undergone several revisions.

Two separate programs are provided in law enforcement instruction to meet these training requirements. The Peace Officer Standards and Training (P.O.S.T.) Council has approved curricula relating to each of these.

GENERAL EDUCATION REQUIREMENTS
1. United States citizen.
2. Minimum age of 21 at time of graduation from the program.
3. Have a high school diploma or GED.
4. Pass a background investigation.
5. Free of any physical, emotional, or mental conditions that might adversely affect the performance of duty as a peace officer as determined through a selection process.
6. Be accepted by P.O.S.T. based on the application process.
7. Pass the “National - Police Selection Test.” For details regarding this test, contact the School of Applied Technology (801) 957-3257 or (801) 957-3332.

NOTE: Certification must be awarded within one year from the date of course completion. Students must be at least 21 years of age when applying for these programs, or birthday must fall during or before completion of the program.

CJ 1910
SPECIAL FUNCTION/RESERVE OFFICER TRAINING COURSE

THE COURSE
This training course satisfies the certification training requirements for those who desire to become employed in the law enforcement fields of airport or campus security, constable service, corrections and a number of selected positions with various regulatory agencies. This program also meets the requirements for those interested in becoming reserve or auxiliary officers.

The CJ 1910 training course consists of up to 200 contact hours during a 13-week period.

COURSE CONTENT - LEGAL, PATROL, AND CRIMINAL INVESTIGATIVE SUBJECTS (INCLUDING SKILL AREAS):
Ethics
Introduction to U.S. and State Constitutions
Introduction to Criminal Justice System
Introduction to Utah Court Systems

Report Writing
Radio Communications
Media Relations
BCI/AFIS
Hazardous Materials Response
Emergency Medical Response
First Aid/CPR
Healthy Lifestyles
Laws of Arrest
Laws of Evidence
Laws of Reasonable Force
Liability of Peace Officers
Crimes Against Persons
Crimes Against Property
Crimes Against Family
Crimes Against Administration of Government
Crimes Against Public Order and Decency
Controlled Substance Law
Alcohol Law
Juvenile Law
Defensive Tactics
Gang Awareness
Conflict Resolution
Application Scenario’s
Interview and Interrogations
Preliminary Investigations
Crime Scene Protection and Search
Collection and Preservation of Evidence
Victimology
Drug Recognition and Familiarization
Physical Training

CJ 1920
PEACE OFFICER BASIC TRAINING COURSE

THE COURSE
CJ 1920 Peace Officer’s Basic Training is the final module of the program; applicants must hold a valid special functions certification or must first complete the CJ 1910 course.

This module consists of 396 contact hours of law enforcement training during an 20-week period.

Estimated cost of books and supplies for program $600

COURSE CONTENT
Court Demeanor and Testifying
Civil Disputes
Traffic Law
Advanced Defensive Tactics
Impact Weapons
Patrol Concepts
Critical Incident Response
Mental Conditioning for Combat
Pedestrian Stop and Approach
Vehicle Searches
Building Searches
Crimes in Progress
Hostage/Barricaded Subjects
Off Duty Response
Introduction to K-9
Basic Bomb Recognition
Introduction to Incident Command System
National Incident Management System
Reality Based Application Scenario’s
Radar/Lidar Certification
Sex Crimes Investigation
Dead Body Investigation
Follow-Up Investigation
Child Abuse and Neglect
Traffic Accident Investigation
Domestic Violence/Cohabitation Abuse Procedure
Identity Theft - Fraudulent Documents
Recognizing and Handling Drugs and Narcotics
DUI and Standard Field Sobriety Testing
Firearms
Physical Training

**CEIP 0300**
**BAIL ENFORCEMENT AGENT TRAINING**

**THE TRAINING**
Bail Enforcement Agent Training satisfies Utah's certification requirements for those interested in becoming bail enforcement agents in the state of Utah. For those planning to carry a concealed weapons permit (CWP), an additional component of certification is a 16 hour firearms training course.

**COURSE CONTENT**
This 16 hour course covers the licensing requirements of the Utah Department of Public Safety.

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**CEIP 0400**
**EMERGENCY MEDICAL TECHNICIAN TRAINING**

**THE TRAINING**
The Emergency Medical Technician Training (CEIP 0400) satisfies Utah's certification requirements for those interested in becoming emergency medical technicians. This training also is applicable to those in law enforcement, fire service and private security as well as various other health providers.

Estimated cost of books and supplies for program $100
State test fees $145-185
Cost of training equivalent to ten semester credit hours

**COURSE CONTENT**
This 160-contact hour course covers treatment of trauma injuries, shock treatment, bleeding, illness, bandaging, splinting, taking vital signs, anatomy and physiology as well as the new guidelines, including defibrillators.

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**CEIP 0410**
**EMT RE-CERTIFICATION TRAINING**

**THE TRAINING**
Re-certification consists of 100 hours of training designed for individuals holding current valid certification as an EMT.

**BOOKS AND SUPPLIES**
No books or supplies are required for this program. Students will pay state test fees.

**COURSE CONTENT**
The required 25 hours may be selected from any part of an ongoing CEIP 0400 course. The intent is to provide students with refresher training in an area that meets students needs.

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**IN-SERVICE TRAINING**
The Institute is an export training site for the Federal Law Enforcement Training Center (FLETC), Glycine, Georgia. The Institute is responsible for providing state and local law enforcement communities of the Rocky Mountain region with quality in-service training opportunities.

The Institute offers in-service training and special workshops for individual agencies and departments. For information about upcoming events, see the Larry H. Miller Campus website schedule or call (801) 957-3211.

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**SPECIALIZED RELATED TRAINING**
The Institute offers training and special workshops for related public safety training such as private security, firearm safety and concealed weapon permits, and motorcycle rider education. See the Miller Campus website, schedule, or call (801) 957-3211.

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**MILLER BUSINESS RESOURCE CENTER**

Most entrepreneurs are aware of the obstacles their emerging businesses face. However, they might not know that an amazing set of resources are available to help their business break through and grow.

Welcome to the Miller Business Resource Center (MBRC). As the only facility of its kind in Utah, the MBRC provides powerful resources for the local business community. These resources include training, business counseling, start-up office space, and much more. Whether you are trying to start up, grow or, ensure your established business remains strong, the MBRC can help you step ahead.

The MBRC is at the Larry H. Miller Campus, located at 9750 South 300 West, Sandy, and is in the Miller Corporate Partnership Center building. Visit www.mbrscslcc.com for more information about the business services and non-credit courses offered at the MBRC.

The following programs are at the Miller Business Resource Center:

**CORPORATE SOLUTIONS**

Contact:
Rose Defa, Director
(801) 957-5230
rose.defa@slcc.edu
www.mbrscslcc.com/corporatesolutions

Our Mission:
Corporate Solutions at Salt Lake Community College is committed to providing Utah businesses and individuals with high quality, innovative, customized, workforce training and professional development.

We offer lifelong learning that builds workforce knowledge, skills and ability. Our global and local resources, expertise, and customized learning systems provide today's - and tomorrow's - workforce solutions.

The following programs were designed with your needs in mind - and if you don't see what you are looking for, our expert program developers will build it for you!

**CORPORATE PARTNERSHIP TRAINING**

Contact:
Mark Poole
(801) 957-2006 or (801) 957-3457
mark.poole@slcc.edu
mbrcscc.com/corporatepartnership

**LOCATION:** Miller Campus, Miller Corporate Partnership Center

**SEMESTERS OFFERED:** All

**CREDIT/NON-CREDIT:** Non-Credit

Corporate Partnership Training works with medium to large businesses to upgrade workers' skills, improving productivity, profitability and employee retention. Our expert services go far beyond the typical “off the shelf, one size fits all” training maze. We offer consultation and coaching with experienced business professionals who will design a customized program to meet
your organization’s specific business objectives. Our goal is to offer results-oriented programs giving your employees real-world knowledge immediately applicable on the job. Our talented and trained staff can help you create just the right training option for your budget and your company goals.

As a member of the Global Corporate College, our partnerships with a network of community colleges nationwide offer access to quality and market-relevant corporate training over the broad footprint of your company. Through our Global Corporate College, we specialize in:

- Quality Management and Lean Six Sigma
- Leadership and Management Development
- Communications
- Sales
- Entry Level Training

**ACT/WORKKEYS TRAINING AND TESTING CENTER**

Contact:  
Joe Fox  
(801) 957-5215  
joe.fox@slcc.edu  
mbrsclcc.com/act

**LOCATION:** Miller Campus, Miller Corporate Partnership Center  
**SEMESTERS OFFERED:** All  
**CREDIT/NON-CREDIT:** Non-Credit

Your Source for Premier Workforce Development  
We can help you boost productivity and improve performance! Corporate Solutions’ ACT/WorkKeys Testing and Training Center provides a one-stop workforce development center with a wide array of training and testing services from a variety of sources.

Training Services:  
- Web-based and computer-delivered certification and licensing testing for trades and professionals  
- Skills Assessment and Job Profiling Licensing and Certification  
- “High stakes” licensing and certification testing is conducted in our state-of-the-art, high-security testing center. Students can register at www.act.org  
- Certiport IC3 testing and certification  
- CastleWorldwide  
- NABCEP Entry Level Exam

**CUSTOM FIT TRAINING**

Contact:  
Shannon Strickland  
(801) 957-5203  
shannon.strickland@slcc.edu  
mbrsclcc.com/customfit

**LOCATION:** Miller Campus, Miller Corporate Partnership Center  
**SEMESTERS OFFERED:** All  
**CREDIT/NON-CREDIT:** Non-Credit

Custom Fit Training is one of Corporate Solutions most-flexible, customized training programs designed to provide Utah businesses with a well-trained workforce. Utilizing Utah state funds, Custom Fit Training is designed to stimulate economic development and facilitate the creation of new jobs in our state.

The Corporate Solution Custom Fit team will leverage their extensive training expertise to offer your company a variety of performance solutions:

- Training needs assessment  
- Curriculum design  
- Technical skills training  
- Leadership and management training

**EXAMPLES OF TRAINING:**

- Six Sigma  
- ISO 9000  
- Customer Service Skills  
- Management and Supervisory Skills  
- Conflict Resolution  
- Lean Manufacturing  
- ESL (English as a Second Language)  
- Computer Skills  
- Human Resource Management  
- Company and Project-Specific Training

**ENGLISH AS A SECOND LANGUAGE**

Contact:  
Donna Smith  
(801) 957-5578  
donna.smith@slcc.edu  
mbrsclcc.com/esl

**LOCATION:** Miller Campus, Miller Corporate Partnership Center  
**SEMESTERS OFFERED:** All  
**CREDIT/NON-CREDIT:** Non-Credit

Corporate Solutions offers customized ESL training to help you increase the language skills of your employees. Your company benefits by increased productivity and employee loyalty.

- Ability to understand safety issues  
- Increased excellent customer service  
- Understanding communications within the organization  
- Retention and recruitment  
- Career development

**SHORT TERM INTENSIVE TRAINING (STIT)**

Contact:  
Donna Smith  
(801) 957-5578  
donna.smith@slcc.edu  
mbrsclcc.com/stit

**LOCATION:** Miller Campus, Miller Corporate Partnership Center  
**SEMESTERS OFFERED:** All  
**CREDIT/NON-CREDIT:** Non-Credit

STIT Programs utilize state funds to provide occupationally specific intensive training for employees or for individuals seeking to match their training needs to new employment opportunities. The types of training subsidized by STIT are extensive and include a wide range of industries. Short Term Intensive Training is administered by the Corporate Solutions department at Salt Lake Community College in Salt Lake and Tooele counties.

We custom design many STIT courses. Below are examples of those created for corporate clients and are offered either on campus or at your company:

- Basic Welding Skills  
- Basic Composites Training  
- English as a Second Language  
- Vehicle Safety Inspection and Applied Emissions
• Vehicle Safety Inspection and Applied Emissions
• National Administrator Credentials Child Care
• Business Writing for Managers

TECHNICAL TRAINING
Corporate Solutions offers specific technical training in demand by business and industry. If you don't see what you need here, contact us to discuss the right program for your workforce.

AMERICAN SIGN LANGUAGE, INTERPRETER TRAINING PROGRAM, & INTERPRETING FAST TRACK PROGRAM
Contact:
Michelle Draper
(801) 957-5242
michelle.draper@slcc.edu
mbrcsllcc.com/asl

LOCATION: Miller Campus, Miller Corporate Partnership Center
SEMESTERS OFFERED: All
CREDIT/NON-CREDIT: Non-Credit

American Sign Language (ASL) is the third most common language used in the United States today! Become bilingual and earn foreign language credit. Corporate Solutions offers Beginning, Advanced and ASL Linguistic courses, including Conversation and Language Lab courses to apply the skills being taught in classroom.

COMPUTER AIDED DESIGN APPLICATION TRAINING AUTHORIZED TRAINING CENTER
Contact:
Kay Carter
(801) 957-5271
kay.carter@slcc.edu
mbrcsllcc.com/cad

LOCATION: Miller Campus, Miller Free Enterprise Center
SEMESTERS OFFERED: All
CREDIT/NON-CREDIT: Non-Credit

As an Autodesk® Premiere Authorized Training Center (ATC), Corporate Solution's CAD Applications Training offers a full range of AutoCAD® and Autodesk training classes designed to suit your business needs.

COURSES OFFERED AT CAD APPLICATION TRAINING CENTER:
AutoCAD® Essentials 24 hrs
AutoCAD® Intermediate 24 hrs
Autodesk® 3ds Maxdesign 24 hrs
Autodesk® Revit Architecture 24 hrs
Autodesk® Revit MEP 24 hrs
Autodesk® Inventor 24 hrs

OTHER SOFTWARE COURSES:
Solidworks 32 hours

COMPOSITES TECHNICIAN PROGRAM
Contact:
Daryl Thompson
daryl.thompson@slcc.edu
(801) 957-5236
mbrcsllcc.com/composites

LOCATION: Miller Campus, Miller Corporate Partnership Center
SEMESTERS OFFERED: All

CREDIT/NON-CREDIT: Non-Credit

WHAT IS COMPOSITES TECHNOLOGY?
Composites technicians fabricate lightweight, structurally strong parts and assemble for a variety of applications associated with important and expanding industries such as aerospace, recreation and automotive. Job functions include use of epoxy resins, fiberglass, carbon and Kevlar fabrics, structural adhesives, and coatings.

INTRODUCTION TO COMPOSITES 30 HOURS
COMPOSITES LEVEL 2 40-60 HOURS
COMPOSITES LEVEL 3 40-60 HOURS
This project is funded in part by a grant awarded under the President's Community-Based Job Training Grants, as implemented by the U.S. Department of Labor's Employment and Training Administration.

VEHICLE SAFETY INSPECTION & APPLIED EMISSIONS
Contact:
Anita Oleksy
anita.oleksy@slcc.edu
(801) 957-5578
mbrcsllcc.com/inspectionemissions

LOCATION: Miller Campus, Miller Corporate Partnership Center
SEMESTERS OFFERED: All
CREDIT/NON-CREDIT: Non-Credit

Corporate Solutions coursework is designed to fulfill training requirements in this field:

LIGHT DUTY AND HEAVY DUTY SAFETY INSPECTION COURSES
LIGHT DUTY SAFETY INSPECTION 16 HRS
HEAVY DUTY SAFETY INSPECTION 16 HRS

You must complete one or both of these courses at least once, then you may take the recertification path outlined by UHP as needed to maintain certification.

UTAH HIGHWAY PATROL RECERTIFICATION
A training and assessment program, available either online or CD, to keep your safety inspection certification current must be taken before your present certificate expires. To purchase a CD please contact us.

APPLIED EMISSIONS 32 HRS
The Salt Lake Valley Health Department requires anyone wanting to be a certified I/M inspector complete a 32-hour training class conducted by the health department. Before taking that class a candidate must first prove their knowledge of vehicle emissions systems by either:
• Passing a pre-test administered by the health department with a score determined by that department. For more information about the pre-test call (801) 313-6720.

OR
• Successfully completing the 32-hour Applied Emissions class conducted by Salt Lake Community College designed to prepare the student for the county class. Successful completion means attending all class sessions and completing the final test with a score of 80 percent or better.

COURSE
Applied Emissions: 32-hour class covering required curriculum to prepare for the Salt Lake County Emissions class. This class is not part of the vehicle safety inspection program. Upon completion of this class the student will be able to demonstrate a basic knowledge of vehicle emissions systems prior to taking the class that qualifies a student to be an SLCO certified emissions tester.
Emissions recertification is done at Salt Lake Valley Health Department. Call (801) 317-6720 for more information.

**BASIC WELDING**

Short Term Intensive Training Program  40 Hrs.

Contact:  
Donna Smith  
(801) 957-5556  
donna.smith@slcc.edu  
mbreslcc.com/stitt

**LOCATION:** Miller Campus, Miller Corporate Partnership Center  
**SEMESTERS OFFERED:** All  
**CREDIT/NON-CREDIT:** Non-Credit

Corporate Solutions works closely with the College Associate of Applied Welding program to offer customized Short Term Intensive Training classes to individuals who need basic welding skills for an entry-level position or to employees who need to learn basic welding skills for their current job.

Custom classes are generally 40 hours and taught in the evening to accommodate work schedules. Custom classes can be arranged on- or off-site.

**WHAT WILL YOU LEARN IN THIS COURSE?**  
- Oxyacetylene (fuel) safety procedures, cutting, and brazing  
- SMAW (Stick) electrode selection, identification, classification  
- Limited theory and joint design  
- Welding mild steel plate, butt joint, lap joint, tee joint, groove joint welds  
- Welds will be using 1/8", 3/16", 1/4" & 3/8" plate in all positions

**GLOBAL BUSINESS CENTER**

Contact:  
Stan Rees  
(801) 957-5556  
donna.smith@slcc.edu  
mbreslcc.com/global

**LOCATION:** Miller Campus, Miller Corporate Partnership Center  
**SEMESTERS OFFERED:** All  
**CREDIT/NON-CREDIT:** Non-Credit

The Global Business Center is Utah's international business education connection. Their objective is to help Utah companies take advantage of the large world marketplace. Utah companies can no longer say that “we will sell our products and services just in Utah, Colorado, California, Arizona, or even to the rest of the U.S. market.” To say that we are interested in new markets for our products means that we must look to global markets. True market expansion requires that we are participants in global trade. Services include best market analysis, development of an export strategy, executive course in Global Business Management, export readiness assessment, global trade education training, International Business Incubator Program, in-house basics of export training, international business briefings & workshops, market research assistance, networking events, resource library as well as visiting trade delegations.

**PROGRAM COURSES:**

**EXECUTIVE CERTIFICATE OF GLOBAL BUSINESS MANAGEMENT**

The Executive Certificate of Global Business management if offered to business executives, professionals, working staff, entrepreneurs, and qualified students who wish to increase their knowledge and improve their strategies in global business practices. The course consists of 10 classes with 30 hours of professional class instruction, and a text with supplements designed to help guide a business into the world market place.

Course topics include:

- Export Readiness  
- International Marketing  
- Finding Quality Overseas Distributors/Partners  
- International Trade Finance  
- International Legal and Tax Issues  
- Managing Your Global Business  
- Trade Logistics

**SHIPPING YOUR PRODUCTS OVERSEAS.**

This online course on international trade logistics takes approximately 6-8 hours to complete and is designed to train marketing and shipping personnel on effective methods to use in shipping products overseas.

Topics include:

- Duties of a Freight Forwarder  
- Evaluating and Selecting your Freight Forwarder  
- Trade Terms (Incoterms)  
- Responsibilities of Seller and Buyer  
- Major International Shipping Documents  
- Securing an Export License  
- Foreign Import Duties and Taxes

**MILLER BUSINESS INNOVATION CENTER (INCUBATOR)**

Contact:  
Rex Falkenrath  
(801) 957-5284  
rex.falkenrath@slcc.edu  
mbreslcc.com/mbic

**LOCATION:** Miller Campus, Miller Corporate Partnership Center

Salt Lake Community College's Miller Business Resource Center is home to the Miller Business Innovation Center (MBIC), the largest business incubator in Utah. Co-located with the Salt Lake Regional Small Business Center, the MBIC opened its doors in 2003 as a mixed use incubator promoting the entrepreneurial philosophy of Larry H. Miller, Miller Campus' largest benefactor. MBIC includes the participation of publishing, franchiser, software development and medical device entrepreneurs responding to business needs in cross-industry sectors.

Potential sponsors, companies wanting to become part of the MBIC, media relations providers or professional service providers seeking to help MBIC clients can find more information at mbreslcc.com/mbic.
SALT LAKE SMALL BUSINESS DEVELOPMENT CENTER

Contact:
Rex Falkenrath
SL Small Business Development Center
(801) 957-4654
slsbdc@slcc.edu
mbreslcc.com/slbsbdc

LOCATION: Miller Campus, Miller Corporate Partnership Center

SEMMESTERS OFFERED: All
CREDIT/NON-CREDIT: Non-Credit

The Salt Lake Small Business Development Center (SLSBDC) is dedicated to launching businesses as well as helping small businesses achieve their goals of growth, expansion, innovation, increased productivity, management improvement and success. Experts in the field work in partnership with entrepreneurs to provide crucial information and support that can mean the difference between business success and failure.

The Salt Lake Small Business Development center offers expert counseling to start-up and existing businesses at no cost to the client. You can find the best tools and resources your business needs to help you thrive. Our experienced and helpful staff can consult with you on a variety of relevant and timely topics, ranging from buying or selling a company to accounting or employment issues.

SERVICES INCLUDE:
- Confidential one-on-one consulting in management, financing, and marketing
- Intensive business training seminars
- Comprehensive entrepreneurial needs assessment
- Assistance with access to capital
- Marketing research
- New business feasibility analysis, business resource libraries with access to current business data, demographics, technological information and statistics
- Government procurement, international trade and technology assistance

PROGRAM COURSES:

PRE START-UP
Start Smart: What You Need to Know if You Are Thinking of Starting Your Own Business

First Step FastTrac: Develop a Feasibility Plan to Evaluate Your Business Concept

FastTrac New Venture: Making Your Entrepreneurial Dream a Reality
FastTrac TechVenture: Better Develop Your Business Plan

EXISTING BUSINESS
- FastTrac Growth Venture: Maximizing the Growth Potential of Your Business
- 7 Habits for Small Business Managers: Managing Yourself, Leading Others, Unleashing Potential
- Financial Essentials: How to Avoid Common Mistakes in Budgeting
- Internet Marketing: Successfully Integrate, Segment and Target Your Marketing Strategy Online
- Market Research: Identify Your Target Market
- Strategic Business Planning: Successfully Plan Your Small Business Venture
- Strategic Marketing: Create an Integrated Marketing Campaign

Quickbooks II
Quickbooks III
Quickbooks PRO - Beginning
Quickbooks PRO - Intermediate
Quickbooks PRO - Advanced
Tax Workshop LLC
Tax Workshop S-Corp
Tax Workshop Sole Proprietor
Tax Workshops for Partnerships

WOMEN’S BUSINESS INSTITUTE

Contact:
Danielle Lower
(801) 957-7244
danielle.lower@slcc.edu
mbreslcc.com/wbi

LOCATION: Miller Campus, Miller Corporate Partnership Center

SEMMESTERS OFFERED: All
CREDIT/NON-CREDIT: Non-Credit

First Step FastTrac: Develop a Feasibility Plan to Evaluate Your Business Concept

The Women’s Business Institute is a one-stop comprehensive assistance center for both start-up and existing women-owned businesses. Their services include entrepreneurial readiness assessment, entrepreneurial courses and education, one-on-one counseling, market research assistance, networking events, long-term mentoring and small business workshops.

WOMEN’S NETWORK FOR ENTREPRENEURIAL TRAINING (WNET)

This program is a national mentoring and training initiative of the U.S. Small Business Administration administered in Utah through a strategic collaboration between the Women’s Business Institute at Salt Lake Community College and the Salt Lake Chamber Women’s Business Center. Through WNET, women entrepreneurs that are just starting out are matched with experienced women entrepreneurs based upon their needs.

WNET Monthly Topics:
- Balancing: Creating and maintaining a work/life balance as you start your business.
- Networking: How to network meaningfully.
- Promoting: Skills to confidently promote yourself and your business.
- Negotiating: Learn how to negotiate like a professional.
- Funding: Hear from a panel of potential funding sources including angel inventors and venture capital groups who traditionally have few women applicants.
- Succeeding: Hear from a panel of successful small business owners, have a chance to ask them their secrets for success.
PROGRAM COURSES:

WOMEN’S NETWORK FOR ENTREPRENEURIAL TRAINING (WNET)

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WNET MONTHLY TOPICS:

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• Funding: Hear from a panel of potential funding sources including angel inventors and venture capital groups who traditionally have few women applicants.
• Succeeding: Hear from a panel of successful small business owners, have a chance to ask them their secrets for success.

MILLER CAMPUS CONFERENCING AND FACILITY RENTAL

Contact:
Director: Kent Hilton (801) 957-2002
Facility Rental: Rachelle Brough (801) 957-5394
www.slcc.edu/millerconferencing

The Miller Campus is a convenient and inexpensive alternative meeting facility located just 15 minutes from downtown Salt Lake City. This beautiful south valley location is perfect for business, educational and private events. You will find over 30,000 sq ft of high tech meeting space with free parking. This is an ideal event venue for full-service trade shows, corporate trainings, conventions, meetings and banquets.

MILLER PROFESSIONAL DEVELOPMENT CENTER (MPDC)

• Multi-Purpose Rooms
• Computer Labs
• Classroom Rental Space
• Miller Campus Business Offices
• Conferencing Office - Sales & Marketing
• Karen Gail Miller Conference Center (KGMC)
• Flexible Setups Available
• Banquet Rooms
• Conference Space for 498 People
• Outdoor Patio
• Vendor Hall
• Miller Free Enterprise Center (MFEC)
• Spacious Auditorium for 304 People
• Video Recording Capability
• Vendor Hall
• Showroom
• CEO and Corporate Training Rooms

UNIVERSITY CENTER

Contact:
Director: Kathy Hurd (801) 957-4735
www.slcc.edu/universitycenter

The University Center at Salt Lake Community College provides bachelor degree programs otherwise unavailable in the Salt Lake Valley. Partnership programs have been formed with Weber State University, Utah Valley University, University of Utah College of Nursing, Utah State University, Franklin University of Ohio and California State University, Bakersfield to serve former and current Salt Lake Community College (SLCC) students.

Students who have completed the necessary prerequisite courses are able to transfer into a Bachelor of Science program with junior status. Programs are developed in response to student interest and specific labor market needs. Courses are taught by faculty from each institution during evening hours.

Some of the B.S. degrees include:

• Accounting
• Business
• Criminal Justice
• Computer Science
• Construction Management Technology
• Environmental Resource Management
• Health Care Management
• Human Resource Management
• Information Technology
• Web Development

UTAH SMALL BUSINESS DEVELOPMENT CENTER

Contact:
Director: Greg Panichello (801) 957-3481
www.slcc.edu/utahsbdc
www.utahsbdc.org

Located at the Miller Campus at Salt Lake Community College, the Utah SBDC works together with other business mentoring groups, such as the Service Corps of Retired Executives, to address a wide range of small business concerns. The SBDC program in Utah is primarily funded through the U.S. Small Business Administration, but also receives state support from the Governor's Office of Economic Development and the various educational institutions around the state where its offices are located.

The Utah SBDC serves:

• Individuals who are already in business and need help solving a business problem such as: accounting, marketing, research, business plans, budgeting or management operations.
• Pre-startup individuals interested in learning more about what it takes to go into business and in assessing the feasibility of a business idea.
• Company owners and managers who need help in their efforts to expand and grow or who are looking for specialized training opportunities such as HR, accounting, etc.
• Minority and disadvantaged clients.
APPRENTICESHIPS

Apprenticeship
Construction Trades Building, Room 222 - (801) 957-4066

GENERAL INFORMATION
Apprenticeship programs are composed of two parts: (1) on-the-job training is provided by a sponsor who exposes the apprentice to practical applications in all phases of a particular craft; (2) classroom-related instruction is designed to provide the apprentice with knowledge of theoretical and technical aspects of their craft. Total completion of an apprenticeship program will take up to five years, depending upon the craft.

The College provides classroom-related and supplemental instruction for apprenticeship programs. The College neither provides on-the-job training nor acts as a sponsor for apprentices. Individuals must locate their own sponsors. Classes are held in the days, evenings, and Saturdays, depending on the program.

For individual industry-sponsored programs, students should contact their employers’ training director or the Apprenticeship Office. For additional information concerning the listed apprenticeship programs please contact the Apprenticeship Office, (801) 957-4066.

The Department of Labor Office of Apprenticeship is the federal registering agency for all Utah programs.

For National credentials, students and sponsors need to be registered with the Federal Office of Apprenticeship, 125 South State Street, Suite 2412, Salt Lake City, UT 84138. Sponsors are mandated by federal law and a student cannot pass a course if out of compliance.

Failure to complete the necessary course work or to register in a timely manner for each class will add one full year to the apprentice’s program.

FACTOR
Generally, Apprenticeship faculty members are chosen from journeymen who are working in the field with a minimum of six years experience. All instructors are hired as adjunct on a semester-by-semester basis.

ASSOCIATE OF APPLIED SCIENCE DEGREE

Apprentices earn a certificate of achievement upon successful completion of all required core courses. Apprentices also may earn an Associate of Applied Science degree by completing all of the following:

1. All apprenticeship program core course requirements (30-70 credit hours).
2. All General Education requirements for the AAS degree (13-19 credit hours; see page 21 for specific requirements). The Quantitative Studies requirement may be satisfied by completion of the required apprenticeship program math course.
3. Additional credit hours, if necessary, to meet the minimum 63 total credit hours required for the AAS degree (0-20 credit hours).

ASSOCIATE OF APPLIED SCIENCE

IN APPRENTICESHIP/BRICK MASON TECHNOLOGY

THE PROGRAM
Brick masons build walls, fireplaces, chimneys, arches, columns and other structures using brick, concrete, cinder block, stone, marble and other materials; the work is typically outdoors. Brick masons work to specific measurements and rigid specifications. The curriculum is developed by the National JATC and approved by the Federal Bureau of Apprenticeship and Training. Curriculum is articulated statewide.

PREPARATION NOTE
Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, wood shop, blueprint reading, and mechanical drawing.

PREREQUISITES
All entering students must demonstrate competence for placement into MATH 0990 by scoring a minimum of 75 on the arithmetic portion and 40 on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0920 or MATH 0950 or completing APPR 1470 (Math for the Trades) with a grade of C or higher before registering for the brick mason program.

CLASS AVAILABILITY
Classes are to be taken in the sequence in which they are given. A student must complete each class with a C or higher grade to move onto the next level class. Each course will be offered twice a year in both fall and spring semesters.

The following BLA 2000 CO-OP and all General Education courses are given in the following sequence for students seeking an Associate of Applied Science degree. Courses with a BLA abbreviation except the CO-OP courses must be taken to complete the apprenticeship curriculum.

PROGRAM COURSE REQUIREMENTS AND ELECTIVES:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPR 1470</td>
<td>Math for the Trades</td>
<td>5</td>
</tr>
<tr>
<td>BLA 1110</td>
<td>Brick Layer IA</td>
<td>5</td>
</tr>
<tr>
<td>BLA 1120</td>
<td>Brick Layer IB</td>
<td>5</td>
</tr>
<tr>
<td>BLA 1120</td>
<td>Brick Layer IIA</td>
<td>5</td>
</tr>
<tr>
<td>BLA 1220</td>
<td>Brick Layer IIB</td>
<td>5</td>
</tr>
<tr>
<td>BLA 2310</td>
<td>Brick Layer IIIA</td>
<td>5</td>
</tr>
<tr>
<td>BLA 2320</td>
<td>Brick Layer IIIB</td>
<td>5</td>
</tr>
<tr>
<td>(In addition to the above courses, the student must earn at least 14 clock hours of related instruction.)</td>
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</tbody>
</table>

GENERAL EDUCATION RECOMMENDATIONS:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTEL 1010</td>
<td>Leadership and Training</td>
<td>3</td>
</tr>
<tr>
<td>LE 1120</td>
<td>Human Relat. – Career Dev</td>
<td>3</td>
</tr>
<tr>
<td>CTEL 1020</td>
<td>Career Speech Skills</td>
<td>3</td>
</tr>
<tr>
<td>COMM 1010</td>
<td>Elements of Efl. Comm</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1010</td>
<td>Introduction to Writing</td>
<td>3</td>
</tr>
<tr>
<td>FIN 1050</td>
<td>Personal Finance</td>
<td>3</td>
</tr>
<tr>
<td>Gen Ed or Related Elective Credit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Suggested related courses are: Welding, CAD Drafting, Blueprint Reading, Cement Masonry.)</td>
<td></td>
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</tr>
</tbody>
</table>

SUGGESTED SEQUENCE

FIRST SEMESTER

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLA 1110</td>
<td>Brick Layer IA</td>
<td>5</td>
</tr>
</tbody>
</table>
ASSOCIATE OF APPLIED SCIENCE in Apprenticeship/Carpentry

THE PROGRAM
Carpenters in the Independent program construct, remodel, alter or repair wood in combination with other material structures. Carpenters work with wood products, build concrete forms, platforms, structures and work in conjunction with other trades such as iron workers, brick masons and other craft workers. This program is a competency-based national curriculum requiring that all of the modules and 8,000 hours of on-the-job training be completed to sit for the comprehensive examination for a journeyman’s certificate. Registration and certification will also be provided for those registered by the Bureau of Apprenticeship and Training.

PREPARATION NOTE
Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, wood shop, blueprint reading and mechanical drawing.

PREREQUISITES
All entering students must demonstrate competence for placement into MATH 0990 by scoring a minimum of 75 on the arithmetic portion and 40 on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0920 or MATH 0950 or completing the CPI 1470 math curriculum.

CLASS AVAILABILITY
The classes are to be taken in sequence. A student must complete each class with a C or higher grade to move on to the next level. Each course will be offered as determined by the Employer Program Advisory Committee for fall and spring semesters.

The following CPI 2000 CO-OP and General Education courses are given in suggested sequence for students seeking an associate of applied science degree. Courses with a CPI abbreviation except the CO-OP courses must be taken to complete the apprenticeship curriculum.

### Suggested Sequence

#### First Semester
- **CPI 1110** Carpenter IA 5
- **CPI 2000** Carpenter CO-OP 2-4

#### Second Semester
- **CPI 1120** Carpenter IB 5
- **COMM 1010** Elements of Effective Communication 3

ASSOCIATE OF APPLIED SCIENCE in Apprenticeship/Carpentry

THE PROGRAM
Carpenters in the JATC program construct, remodel, alter or repair wood in combination with other material structures. Carpenters work with wood products, build concrete forms, platforms, structures and work in conjunction with other trades such as iron workers, brick masons and other craft workers. This program is a competency-based national curriculum requiring that all of the modules and 8,000 hours of on-the-job training be completed to sit for the National Comprehensive Examination for a journeyman’s certificate.

PREPARATION NOTE
Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, wood shop, blueprint reading and mechanical drawing.

PREREQUISITES
All entering students must demonstrate competence for placement into MATH 0990 by scoring a minimum of 75 on the arithmetic portion and 40 on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0920 or MATH 0950 or completing the CPA 1470 math curriculum provided by the JATC. All students must be approved by the JATC before registering for courses.

CLASS AVAILABILITY
The classes are taken according to the needs of the apprentice. A student must complete each class with a C or higher grade to move on to the next level. Each course will be offered twice each year in both the fall and spring semesters.

The following CPA 2000 CO-OP and General Education courses are given in suggested sequence for students seeking an Associate of Applied Science degree. Courses with a CPA abbreviation except the CO-OP courses must be taken to complete the apprenticeship curriculum.

### Suggested Sequence

#### First Semester
- **CPA 1110** Carpenter–Computer Skills 5
- **CPA 2000** Carpenter CO-OP 3-6

#### Second Semester
- **CPA 1120** Carpenter–Concrete Forming 5
- **COMM 1010** Elements of Effective Communication 3
ASSOCIATE OF APPLIED SCIENCE<sup>CTE</sup> IN APPRENTICESHIP/CEMENT MASON JATC TECHNOLOGY

The Cement Mason JATC Technology curriculum is industry specific and is offered on an as-needed basis. Please consult the semester class schedule for the courses being offered or contact the Apprenticeship Office for class availability.

ASSOCIATE OF APPLIED SCIENCE<sup>CTE</sup> IN APPRENTICESHIP/DIESEL SYSTEMS TECHNOLOGY

(formerly Heavy Duty Mechanics)

The Heavy-Duty/Diesel Systems Repair program is industry specific with classes being offered on an as-needed basis. Please consult the semester class schedule for the courses being offered or contact the Apprenticeship Office.

THE PROGRAM

The DSTA program is designed for training Mechanics in both installation and service work. Apprentices in the DSTA program have the opportunity to learn techniques required to install new equipment as well as skills and knowledge to repair and troubleshoot existing equipment. The program is designed with related theory and hands-on application for maximum benefit for the student. This is a four-year program requiring 8,000 hours of on-the-job-training as well as 576 minimum hours of related instruction. Most sponsors of this program are also registering with the Bureau of Apprenticeship and Training for certification.

PREPARATION NOTE

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, blueprint reading, and mechanical drawing.

PREREQUISITES

All entering students must demonstrate competence for placement into MATH 1010 by scoring a minimum of 54 on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0990 or must enroll in APPR 1470 math course prior to enrollment in DSTA core courses.

CLASS AVAILABILITY

The courses listed are sequential and are to be taken in order. The courses are only offered once each year with odd number courses in the fall semester and even numbered courses in the spring semester. The math prerequisite does not fulfill any of the apprenticeship hours required. A student must pass each class with a C or higher grade to move on to the next level. A trimester for the first year curriculum will only be offered with sufficient demand to those students requiring a math prerequisite course.

SUGGESTED SEQUENCE

FIRST SEMESTER

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<th>Course Title</th>
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<tr>
<td>DSTA 1100</td>
<td>Safety and Basic Engines</td>
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<tr>
<td>DSTA 1111</td>
<td>Safety and Basic Engines Lab</td>
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<tr>
<td>LE 1220</td>
<td>Human Relations for Career Development</td>
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SECOND SEMESTER

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<tr>
<td>DSTA 1120</td>
<td>Preventive Maintenance</td>
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<td>DSTA 1121</td>
<td>Preventive Maintenance Lab</td>
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<tr>
<td>COMM 1010</td>
<td>Elements of Effective Communication</td>
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THIRD SEMESTER

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<tr>
<td>DSTA 1130</td>
<td>Heavy-Duty Drivertrains</td>
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<td>DSTA 1131</td>
<td>Heavy-Duty Drivertrains Lab</td>
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<tr>
<td>FIN 1050</td>
<td>Personal Finance</td>
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FOURTH SEMESTER

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<tr>
<td>DSTA 2000</td>
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FIFTH SEMESTER

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<td>DSTA 2000</td>
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SIXTH SEMESTER

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SEVENTH SEMESTER

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<td>ENGL 1010</td>
<td>Introduction to Writing</td>
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<tr>
<td>IND 1120</td>
<td>Math for Industry</td>
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<td>MSI 1110</td>
<td>Related Machine Shop</td>
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<tr>
<td>WLDA 1005</td>
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ASSOCIATE OF APPLIED SCIENCE<sup>CTE</sup> IN APPRENTICESHIP/ELECTRICAL INDEPENDENT TECHNOLOGY

THE PROGRAM

Electricians are compulsory licensed craftsmen who plan, lay out and install, alter or repair electrical wiring, fixtures, apparatus and controls. To sit for the journeyman exam, an apprentice must complete 576 minimum hours of related instruction and four years and 8,000 hours of on-the-job training (OJT). Application with the State of Utah Department of Occupational and Professional Licensing must be made upon commencement of employment. It is strongly encouraged that students be registered with the Bureau of Apprenticeship and Training, which is optional at the discretion of the employer. This curriculum has been articulated statewide.

PREPARATION NOTE

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, wood shop, blueprint reading and mechanical drawing.

PREREQUISITES

All entering students must demonstrate competence for placement into MATH 1010 by scoring 54 or higher on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0990 or equivalent, or complete ELI 1470 (Math for the Trades) with a grade of C or higher.
CLASS AVAILABILITY
The classes listed are sequential and are to be taken in order. The courses are only offered once each year with odd number courses in the fall semester and even number courses in the spring semester. The math prerequisite does not fulfill any of the apprenticeship hours required. A student must pass each course with a C or higher and pass a competency test to move onto the next level class.

The following ELI 2000 CO-OP and all General Education courses are given in a suggested sequence for students seeking an Associate of Applied Science degree. The courses having an ELI abbreviation except the CO-OP courses must be taken to complete the apprenticeship curriculum.

SUGGESTED SEQUENCE
FIRST SEMESTER
ELI 1110 Electricity I 5
ELI 2000 Electrical CO-OP 3-6
SECOND SEMESTER
COMM 1010 Elements of Effective Communication 3
ELI 1120 Electricity I 5
THIRD SEMESTER
ELI 1210 Electricity II 5
LE 1300 Human Relations and Self-Esteem 2
FOURTH SEMESTER
ELI 1220 Electricity II 5
ENGL 1010 Introduction to Writing 3
FIFTH SEMESTER
ELI 2310 Electricity III 5
IND 1140 Principles of Technology 3
SIXTH SEMESTER
ELI 2320 Electricity III 5
FIN 1050 Personal Finance 3
SEVENTH SEMESTER
ELI 2410 Electricity IV 5
ELI 2000 Electrical CO-OP 3-6
EIGHTH SEMESTER
ELI 2420 Electricity IV 5
____ ____ General Education Elective Credit 4
ELECTIVES
ELI 2990 Electrical Special Studies 5
ELI 2991 Electrical Special Studies II 5

ASSOCIATE OF APPLIED SCIENCECTE IN APPRENTICESHIPS/FACILITIES MAINTENANCE TECHNICIAN

THE PROGRAM
The Facilities Maintenance Technology programs provides students with a solid foundation in the basic fundamentals of Electricity, Industrial Motor Control, HVAC principles, Plumbing, Construction Maintenance, Pipefitting, and Welding.

PREPARATION NOTE
Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, blueprint reading, and mechanical drawing.

PREREQUISITES
All entering students must demonstrate competence for placement into MATH 1010 by scoring a minimum of 54 on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0990 or must enroll in FMTA 1470 math course prior to enrollment in FMTA core courses.

CLASS AVAILABILITY
The classes listed are sequential and are to be taken in order. The courses are only offered once each year with odd number courses in the fall semester and even numbered courses in the spring semester. The math prerequisite does not fulfill any of the apprenticeship hours required. A student must pass each class with a C or higher to move onto the next level. A trimester for the first year curriculum will only be offered with sufficient demand to those students requiring a math prerequisite course. All General Education courses are given in a suggested sequence for students seeking an Associate of Applied Science degree. The courses with an FMTA abbreviation must be taken to complete the apprenticeship core curriculum.

PROGRAM COURSE REQUIREMENTS AND ELECTIVES:
FMTA 1110 Maintenance Electricity I 5
FMTA 1120 Maintenance Electricity II 5
FMTA 1210 HVAC 5
FMTA 2210 Maintenance Plumbing 5
FMTA 2310 Mntnc Construction/Mechanic 5
FMTA 2320 Mntnc Pipefitting 5
FMTA 2410 Mntnc Welding/Trowel Trades 5
(Select Elective)

(In addition to the above courses, students must earn at least 432 clock hours of related instruction.)

GENERAL EDUCATION RECOMMENDATIONS:
CTEL 1010 Leadership and Training 3
CTEL 1020 Career Speech Skills 3
ENGL 1010 Introduction to Writing 3
IND 1140 Principles of Technology 3
FIN 1050 Personal Finance 3
General Education Elective Credit 2-7
Related Elective Credit 4

SAMPLE SCHEDULE

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<thead>
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<th>SEVENTH SEMESTER</th>
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<tbody>
<tr>
<td>FMTA 2410</td>
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<td>(Optional Elective)</td>
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ASSOCIATE OF APPLIED SCIENCECTE IN APPRENTICESHIPS/HEATING, COOLING, AND REFRIGERATION TECHNOLOGY (HVAC)

THE PROGRAM
The HVAC program is designed for training in both installation and service work. Apprentices in the HVAC program have the opportunity to learn techniques required to install new equipment as well as skills and knowledge to repair and troubleshoot existing equipment. The program is designed with related theory and hands-on application for maximum benefit for the student. This is a four-year program requiring 8,000 hours of on-the-job-training as well as 576 minimum hours of related instruction. Most sponsors of this program are also registering with the Bureau of Apprenticeship and Training for certification.

Certifications that students will be eligible to test for upon completion of the program include: Red Cross CPR and First Aid Certified, Environmental Protection Agency (EPA), Rocky Mountain Gas Association (RMGA), Corrugated Stainless Steel
Tubing (CSST), Hydronics, and ICE. Students will be eligible to sit for North American Technical Excellence (NATE) and other national HVAC certification exams.

**PREPARATION NOTE**
Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, blueprint reading, and mechanical drawing.

**PREREQUISITES**
All entering students must demonstrate competence for placement into MATH 1010 by scoring a minimum of 54 on the algebra portion of the mathematics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0990 or must enroll in HVAC 1470 math course prior to enrollment in HVAC core courses.

**CLASS AVAILABILITY**
The classes listed are sequential and are to be taken in order. The courses are only offered once each year with odd number courses in the fall semester and even numbered courses in the spring semester. The math prerequisite does not fulfill any of the apprenticeship hours required. A student must pass each class with a C or higher to move on to the next level. A trimester for the first year curriculum will only be offered with sufficient demand to those students requiring a math prerequisite course.

The following 2000 CO-OP and all General Education courses are given in a suggested sequence for students seeking an Associate of Applied Science degree. The courses with an HVAC abbreviation except the CO-OP courses must be taken to complete the apprenticeship core curriculum.

**SUGGESTED SEQUENCE**

**FIRST SEMESTER**
- HVAC 1110 HVAC IA 5
- HVAC 2000 Heat, Vent Air Specialties 5

**SECOND SEMESTER**
- COMM 1010 Elements of Effective Communication 3
- HVAC 1120 HVAC IB 5

**THIRD SEMESTER**
- HVAC 1210 HVAC IIA 5
- LE 1300 Human Relations and Self-Esteem 2

**FOURTH SEMESTER**
- ENGL 1010 Introduction to Writing 3
- HVAC 1220 HVAC IIB 5

**FIFTH SEMESTER**
- HVAC 2310 HVAC IIA 5
- IND 1400 Principles of Technology 3

**SIXTH SEMESTER**
- FIN 1050 Personal Finance 3
- HVAC 2320 HVAC IIIB 5

**SEVENTH SEMESTER**
- HVAC 2420 HVAC IIVB 5
- _____ _____ General Education Elective Credit 3

**ASSOCIATE OF APPLIED SCIENCE CTE IN APPRENTICESHIP/IRONWORKERS JATC TECHNOLOGY**

**THE PROGRAM**
Ironworkers erect structural steel, work with ornamental iron, reinforcing steel, rigging and machinery moving. Work is very physical, strenuous and precise. The JATC Ironworker is registered with the Bureau of Apprenticeship and Training for additional registration and certification. The program is directed by the National Ironworker JATC and approved by the local sponsors.

**PREPARATION NOTE**
Education suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, wood shop, blueprint reading, and mechanical drawing.

**PREREQUISITES**
All incoming apprentices must gain approval from the local JATC before registering for classes.

**CLASS AVAILABILITY**
The classes are held fall and spring semesters and more often when requested by the JATC. Check with the ironworker training director for class availability.

The following ISA 2000 CO-OP and all General Education courses are given in a suggested sequence for students seeking an Associate of Applied Science degree. Courses having an ISA abbreviation, except the CO-OP courses, must be taken to complete the apprenticeship curriculum.

**SUGGESTED SEQUENCE**

**FIRST SEMESTER**
- ISA 1110 Ironworker IA 5
- _____ _____ Related Elective Credit 4

**SECOND SEMESTER**
- COMM 1010 Elements of Effective Communication 3
- ISA 1120 Ironworker IB 5

**THIRD SEMESTER**
- ISA 1210 Ironworker IIA 5
- LE 1300 Human Relations and Self-Esteem 2

**FOURTH SEMESTER**
- ENGL 1010 Introduction to Writing 3
- ISA 1220 Ironworker IIB 5

**FIFTH SEMESTER**
- IND 1400 Principles of Technology 3
- ISA 2310 Ironworker IIA 5

**SIXTH SEMESTER**
- FIN 1050 Personal Finance 3
- ISA 2320 Ironworker IIIB 5

**SEVENTH SEMESTER**
- _____ _____ General Education Elective Credit 3

**ASSOCIATE OF APPLIED SCIENCE CTE IN APPRENTICESHIP/LANDSCAPE TECHNOLOGY**

**THE PROGRAM**
The Landscape Technology program provides four years of related and supplemental training for apprentices. The courses offered cover a wide variety of materials and curriculums to meet the day-to-day needs of a journeyman. This includes plumbing and pipefitting, basic electrical and low voltage, plant selection and watering, and a knowledge of pesticides and control methods.

**PREPARATION NOTE**
Prospective apprentices are encouraged to complete courses in basic mathematics, geometry, algebra, basic blueprint reading, drafting, and botany courses.

**PREREQUISITES**
All entering students must demonstrate competence for placement into MATH 0990 by scoring a minimum of 75 on the arithmetic portion and 40 on the algebra portion of the math-
emetics College Placement Test, or provide a transcript showing a grade of C or higher in MATH 0920 or MATH 0950 or completing APPR 1470 (Math for the Trades) with a grade of C or higher before registering for the Landscape program.

CLASS AVAILABILITY
The classes are to be taken in the sequence in which they are given. A student must complete each class with a C or higher grade to move into the next level class.

SUGGESTED SEQUENCE
FIRST SEMESTER
LAND 1110 Plumbing/Pipefitting Applica. 5

SECOND SEMESTER
LAND 1120 Landscp Water Conserv/Elect. 5

THIRD SEMESTER
LAND 1110 Small Engine Repair/Maintenance 5

FOURTH SEMESTER
LAND 1220 Pest Mgmt/Sustnb. Landscapes 5

FIFTH SEMESTER
LAND 2350 Fund./Soil Sci. & Hort. Sci. 5

SIXTH SEMESTER
LAND 2320 Woody Plant Mat/Turfgrass Mgt. 5

SEVENTH SEMESTER
LAND 2410 Arbor Culture 5

EIGHTH SEMESTER
LAND 2420 Annual/Perennial Plant Maintenance 5

ASSOCIATE OF APPLIED SCIENCE in APPRENTICESHIP/PLUMBER/PIPEFITTER JATC TECHNOLOGY

THE PROGRAM
Plumber/Pipefitters fabricate, remodel and repair all classes of piping systems. This program is registered with the Bureau of Apprenticeship and Training, and Apprentice registration is strongly encouraged. The national JATC curriculum has been adopted by the local sponsors and adherence to this and all other registering and licensing bodies must be strictly followed. An apprentice must have the approval of the JATC before registering for classes.

PREPARATION NOTE
Education suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, blueprint reading, and mechanical drawing.

PREREQUISITES
All incoming apprentices must make application with and be approved by the JATC prior to registration for class.

CLASS AVAILABILITY
The classes are to be taken in the sequence in which they are given. A student must complete a course with a C grade or higher to move on into the next level class. Each course will be offered once per year in both fall and spring semesters.

The Plumber/Pipefitter JATC program requires the completion of an Associate of Applied Science degree to complete the apprenticeship program. The JATC will set up the required General Education course offerings.

COURSE LISTING

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<td>PFA 1111</td>
<td>Soldering and Brazing</td>
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<td>PFA 1140</td>
<td>Principles of Technology</td>
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<td>PFA 1150</td>
<td>Job Safety and Heritage</td>
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<tr>
<td>PFA 1160</td>
<td>Use and Care, Pipe Fittings</td>
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<td>PFA 1210</td>
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<td>Hydronic Heating &amp; Cooling Systems</td>
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<td>PFA 2311</td>
<td>Pumps and Steam Systems</td>
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<td>PFA 2331</td>
<td>Brazing and Compressor Overhaul</td>
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<td>PFA 2360</td>
<td>Water Supply</td>
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<td>PFA 2244</td>
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<td>PFA 2560</td>
<td>International Plumbing Code</td>
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<tr>
<td>PFA 2570</td>
<td>Test Prep-Code</td>
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<tr>
<td>PFA 2571</td>
<td>Test Prep-Math</td>
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<tr>
<td>PFA 2572</td>
<td>Test Prep-Shop</td>
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<td>PFA 2520</td>
<td>Plumber/ Pipefitter V</td>
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ASSOCIATE OF APPLIED SCIENCE in APPRENTICESHIP/PLUMBING INDEPENDENT TECHNOLOGY

THE PROGRAM
A plumber is a compulsory licensed craftsman who performs any mechanical work in the installation, maintenance, repair, removal and replacement of water supply and water/liquid waste removal. Plumbers do both interior and exterior work in greatly varying job conditions. To sit for the journeyman exam, an apprentice must complete 576 minimum hours of related instruction and four years and 8,000 hours of on-the-job training. Application with the State of Utah Department of Occupational and Professional Licensing must be made upon commencement of employment. Suggested registration with the Bureau of Apprenticeship and Training is strongly encouraged, but is optional at the discretion of the employer. If apprentices are not able to pass the journeyman exam after two attempts, the apprentice is required to return to school for additional course work. This curriculum is articulated statewide through all instructional institutions.

PREPARATION NOTE
Education suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, blueprint reading, and mechanical drawing.

PREREQUISITES
All entering students must demonstrate competence for placement into MATH 0990 by scoring a minimum of 75 on the arithmetic portion and 40 on the algebra portion of the mathematics College Placement Test, provide a transcript showing a grade of C or higher in MATH 0920 or MATH 0950 or completing PLI 1470 (Math for the Trades) with a grade of C or higher before you register for the Plumber program.

CLASS AVAILABILITY
The classes are to be taken in the sequence in which they are given. A student must complete each class and a comprehensive competency exam with a C or higher grade to move on to the next level class. Each course will be offered once per year with odd number courses in the fall semester and even numbered courses in the spring semester. Those requiring a math class prior to entering the program should check the schedule to see if an offset class will be offered for first year students only. Failure to
complete the necessary course work or to register in a timely manner for each class will add one full year to the apprentice’s program.

The following PLI 2000 CO-OP and all General Education courses are given in a suggested sequence for students seeking an Associate of Applied Science degree. The courses with a PLI abbreviation with the above exception must be taken to complete the apprenticeship portion of the curriculum.

**SUGGESTED SEQUENCE**

**FIRST SEMESTER**
- PLI 1110 Plumbing IA 5
- PLI 2000 Plumbing CO-OP 3-5

**SECOND SEMESTER**
- COMM 1010 Elements of Effective Communication 3
- PLI 1120 Plumbing IB 5

**THIRD SEMESTER**
- LE 1300 Human Relations and Self-Esteem 2
- PLI 1210 Plumbing IIA 5

**FOURTH SEMESTER**
- ENGL 1010 Introduction to Writing 3
- PLI 1220 Plumbing IIB 5

**FIFTH SEMESTER**
- IND 1140 Principles of Technology 3
- PLI 2330 Plumbing IIA 5

**SIXTH SEMESTER**
- FIN 2350 Personal Finance 3
- PLI 2320 Plumbing IIB 5

**SEVENTH SEMESTER**
- PLI 2000 Plumbing CO-OP 3-5
- PLI 2410 Plumbing IVA 5

**EIGHTH SEMESTER**
- PLI 2420 Plumbing IVB 5
- ____ ____ General Education Elective Credit 3

**ELECTIVES**
- PLI 2990 Plumbing Special Projects 5
- PLI 2991 Plumbing Special Projects II 5

**ASSOCIATE OF APPLIED SCIENCE CTE IN APPRENTICESHIP/STAGEHAND JATC TECHNOLOGY**

**THE PROGRAM**

Refrigeration fitters through the JATC Committee program do contract and custom installation, maintenance and services and repair of refrigeration and refrigerated and/or air conditioning units and systems. Work may include new construction and remodeling and repair of existing building units. A journeyman may specialize in either installation or as a service technician. The position requires extreme precision, good manual and finger dexterity, independent judgment, and considerable strength and agility. This program is registered with the Bureau of Apprenticeship and Training. The national JATC curriculum has been adopted by the local sponsors and adherence to this and all other registering and licensing bodies must be strictly followed. An apprentice must have the approval of the JATC before registering for classes.

**PREPARATION NOTE**

Educational suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, wood shop, blueprint reading, and mechanical drawing.

**PREREQUISITES**

All incoming apprentices must apply with and be approved by the JATC prior to registration for class.

**CLASS AVAILABILITY**

The classes are to be taken in the sequence in which they are given. A student must complete each class with a C or higher grade to move on to the next level. Each course will be offered once each year in the fall and spring semesters.

The Refrigeration JATC program requires the completion of an Associate of Applied Science degree to complete the apprenticeship program. The JATC will set up the require General Education course offerings.

**COURSE LISTING**

- RFA 2300 Electrical Controls 2
- RFA 2310 Steam Systems 2
- RFA 2350 Refrigeration I 2
- RFA 2400 Air Conditioning I 2
- RFA 2410 Troubleshooting 2
- RFA 2450 Chillers 2
- RFA 2540 Start, Test and Balance II 2
- RFA 2500 Shop Projects 2
- RFA 2510 Evaporators, Compressors, Condensers 2
- RFA 2520 Refrigerant Controls 2
- RFA 2530 Start, Test and Balance I 2
- RFA 2560 Instrumentation, Process Control 2
- RFA 2570 Pneumatic Controls 2
- RFA 2580 Air Conditioning II 2
- RFA 2590 Refrigeration II 2
- RFA 2600 Advanced Electricity & Electronics 2
- RFA 2610 Test Prep-Refrigeration 2

**ASSOCIATE OF APPLIED SCIENCE CTE IN APPRENTICESHIP/STAGEHAND JATC TECHNOLOGY**

**THE PROGRAM**

The stagehand program trains apprentices in the art of constructing, setting up and moving of props and stage accessories. The work also includes all sound systems, lighting systems and overall facilities for any stage or movie production. This is a three-year program requiring 6,000 hours of on-the-job training and a minimum of 432 hours of related and supplemental instruction. The program follows a national curriculum which has been approved and registered with the Bureau of Apprenticeship and Training and adopted by local sponsors.

**PREPARATION NOTE**

Education suggestions for high school subjects include basic mathematics, geometry, algebra, physics, welding, wood shop, blueprint reading, and mechanical drawing.

**PREREQUISITES**

There are no prerequisites to enter into this program other than approval by the JATC.

**CLASS AVAILABILITY**

Classes are to be taken in the sequence in which they are given. Students must complete each class with a C or higher grade to move onto the next level class.

The following SHA 2000 CO-OP and all General Education courses are given in a suggested sequence for students seeking an Associate of Applied Science degree. The courses having a SHA abbreviation except CO-OP courses must be taken to complete the apprenticeship core curriculum.

**SUGGESTED SEQUENCE**

**FIRST SEMESTER**
- SHA 1110 Stagehand IA 5
- ____ ____ Related Elective Credits 4

**SECOND SEMESTER**
- COMM 1010 Elements of Effective Communication 3
- SHA 1120 Stagehand IB 5
## Apprenticeships

### Third Semester
- **LE 1300** Human Relations and Self-Esteem 2
- **SHA 1210** Stagehand IIA 5
- **SHA 2000** Stagehand CO-OP 2-4

### Fourth Semester
- **ENGL 1010** Introduction to Writing 3
- **SHA 1220** Stagehand IIB 5
- **SHA 2000** Stagehand CO-OP 2-4

### Fifth Semester
- **IND 1140** Principles of Technology 3
- **SHA 2310** Stagehand IIIA 5

### Sixth Semester
- **FIN 1050** Personal Finance 3
- **SHA 2000** Stagehand CO-OP 2
- **SHA 2320** Stagehand IIB 5

### Seventh Semester
- ______ General Education Elective Credit 3

(Suggested related courses are: welding, CAD drafting, blueprint reading, electricity, and electronics.)
SCHOOL OF APPLIED TECHNOLOGY
(801) 957-3354
www.slcc.edu/sat

NOTE: SLCC policies and procedures apply except as noted.

Highland Center
3760 South Highland Drive, Suite 200
Salt Lake City, Utah 84106-4206

Meadowbrook Campus
250 West 3900 South
Salt Lake City, Utah 84107-1459

Miller Campus
9750 South 300 West
Sandy, Utah 84070-3264

Rose Park Center
1400 West Goodwin Avenue (1145 North)
Salt Lake City, Utah 84116-1629

South City Campus
1575 S. State Street, Room W137D
Salt Lake City, Utah 84115-1610

Taylorsville Redwood Campus
4600 South Redwood Road
Student Center, Room 258B
Salt Lake City, Utah 84130-0808

Horizonte Instruction & Training Center
1234 South Main Street
Salt Lake City, Utah 84107-1459

Granite Technical Institute
Salt Lake City, Utah 84106-4206

Meadowbrook Campus
250 West 3900 South
Salt Lake City, Utah 84107-1459

Miller Campus
9750 South 300 West
Sandy, Utah 84070-3264

Rose Park Center
1400 West Goodwin Avenue (1145 North)
Salt Lake City, Utah 84116-1629

South City Campus
1575 S. State Street, Room W137D
Salt Lake City, Utah 84115-1610

Taylorsville Redwood Campus
4600 South Redwood Road
Student Center, Room 258B
Salt Lake City, Utah 84130-0808

AFFILIATED SITES:
Granite Technical Institute
2500 South State Street
Salt Lake City, Utah 84115-3110

Horizonte Instruction & Training Center
1234 South Main Street
Salt Lake City, Utah 84101-3117

MISSION STATEMENT
The School of Applied Technology within Salt Lake Community College, provides quality career and technical education in a flexible, competency-based format meeting the needs of students desiring low-cost training in high skill job fields. Programs are responsive to business and industry requirements resulting in appropriate license, certification, or evidence of completion, articulating, where appropriate, with career and technical education courses within the College.

HIGH SCHOOL AND COLLEGE CREDIT
The School of Applied Technology offers non-credit courses; however, high school credit may be awarded to students by their home high school.

Some School of Applied Technology courses/programs may be articulated for Salt Lake Community College credit upon application for matriculation to a related degree-diploma program.

CHANGES TO COURSES AND PROGRAMS
School of Applied Technology develops new courses and programs as needed to meet the employment needs of Salt Lake area businesses. In addition, courses and programs are updated often to incorporate recommendations from the Program Advisory Committee (PAC) or as new technologies are available. See the most current course/program description at www.slcc.edu/sat/index.asp.

CERTIFICATES OF PROFICIENCY/ CERTIFICATES OF COMPLETION
Students who successfully complete a program will receive a Certificate of Proficiency or a Certificate of Completion as defined for the specific program.

PROGRAMS AND COURSES

INSTRUCTIONAL DELIVERY
The School of Applied Technology specializes in open-entry, open-exit instructional delivery. This means students may enroll weekly depending on the school calendar and available seats and complete courses when competency proficiency has been demonstrated and evaluated by instructors.

Courses are delivered in two formats: self directed and instructor led. The majority of courses are delivered in the self-directed format. This allows new students to join an on-going class or program any week and allows students to complete coursework as quickly as they are able to demonstrate competency. A qualified instructor is always present to guide, coach, mentor, and evaluate progress as students work through their prescribed instructional activities.

Instructor-led courses have scheduled start and end times in which students are members of a cohort and work on instructional modules as directed by the instructor.

BASIC SKILLS DEVELOPMENT & LEARNING CENTERS
Adult Basic Education: Math Reading, Writing, Math Armed Services Vocational Aptitude Battery (ASVAB)
Test Preparation
Computer Learning Center (Highland Center and Horizonte)
English as a Second Language (ESL)
GED Test Preparation

BUSINESS OFFICE TECHNOLOGY CTE
Accounting Clerk
Administrative Office Support Specialist
Customer Service Receptionist
Social/Human Services Assistant

COMPUTER & NETWORK TECHNOLOGY
Computer Support Specialist (A+ Certification)
Network Administrator (MCITPSA)
Network Engineer
Network Infrastructure Technician (CCNA)

ELECTRONICS TECHNOLOGY CTE
Electromechanical Assembly Technician
Electronics Assembly Technician
Electronics Communication Technician
Electronics Engineering Technician
Electronics Technician

HEALTH CARE TECHNOLOGY CTE
Certified Nursing Assistant
Clinical Medical Assisting
ECG Technician
Health Information Specialist
Health Unit Clerk/Coordinator
Medical Coding & Billing
Medical Office Administration
Medical Office Laboratory Technician
Pharmacy Technician
Phlebotomy Technician

SLCC 2010-2011 GENERAL COLLEGE CATALOG 281
MANUFACTURING TECHNOLOGY CTE
Machinist
Welding
Welding, Focused

MEDIA & WEB DESIGN TECHNOLOGY CTE
Graphic Designer
Media Design Technology
Web Programmer
Web Site Designer

PROFESSIONAL DRIVING CTE
Professional Truck Driving (Class A)

SKILLED SERVICE TECHNOLOGY CTE
Air Conditioning, Heating, Refrigeration Technician
Automotive General Service Technician
Automotive Technician
Automotive Undercar Technician
Heavy Duty Diesel Maintenance Technician
Heavy Duty Technician

STANDALONE COURSES
Most courses offered in a program may be taken standalone (see the program description). Prerequisites, if any, must be completed. The tuition for most standalone courses is based on $1.75 times the course’s total clock hours. Students may receive a Recognition of Achievement for completion of standalone courses as determined by the department. The following courses, not part of a defined program, are also available:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>HOURS</th>
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<tbody>
<tr>
<td>KCDL 0100</td>
<td>CDL Learner’s Permit</td>
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<tr>
<td>KCDL 0110</td>
<td>CDL License Refresher Course</td>
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<tr>
<td>KCNA 0010</td>
<td>CPR for Health Care Pros</td>
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<tr>
<td>KCNA 0020</td>
<td>Skills Lab Refresher</td>
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<tr>
<td>KFLT 0240</td>
<td>Forklift Driver</td>
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<tr>
<td>KNNA 0100</td>
<td>Nutrition Assistant</td>
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STUDENT INFORMATION AND SUPPORT SERVICES

ADMISSION & REGISTRATION
Students who wish to enter a School of Applied Technology course/program must complete a Salt Lake Community College Application for Admission. A non-refundable $40 application fee is required (the application fee is waived for enrolled high school students). This fee covers application, assessment, orientation (if needed), and student identification card. Students may re-enter any Salt Lake Community College program within two calendar years with no additional application fee.

Students who need help registering for a course and/or program may meet with an advisor at School of Applied Technology Enrollment Services, at the South City Campus or Taylorsville Redwood Campus Student Center, Monday through Friday. Enrollment specialists are available at the Highland and Rose Park Centers.

High school students must see their CTE coordinator or high school counselor before enrolling.

Students may enroll in self-directed courses/programs weekly as openings are available and the school calendar allows. Instructor-led courses/programs have scheduled start and end dates. Please see an advisor for a schedule.

Students who have had a break in their training should meet with an advisor regarding possible changes to curriculum in their program.

CALENDAR
The calendar for the School of Applied Technology includes more class days than the SLCC academic calendar. The calendar is available on-line at www.slcc.edu/sat.

ORIENTATIONS
Students are encouraged to participate in an orientation prior to attending the first day of class. Orientations are scheduled at campuses and/or centers weekly and give an overview of services at SLCC, including how to obtain student identification cards, where to obtain parking permits, student services and general SLCC policies.

TESTING SERVICES
The School of Applied Technology Testing Services, at South City Campus, helps individuals make realistic career/educational decisions based on each person’s academic skills, learning aptitudes, vocational interests, plus occupational and Utah labor market information. Additional services include:

• General Educational Development (GED) Exams.
• Utah Nursing Assistant Registry Written and Basic Skills Certified Nursing Assistant (CNA) Exams.
• One-Day-Vocational Assessment: Consists of a battery of five exams evaluating educational aptitudes, vocational interests, personality traits, academic achievement and learning styles.
• International Society of Certified Electronics Technicians or (ISCET).
• Police Officer Selection Test or (POST).
• Tests of Adult Basic Education, or (TABE) measures achievement in skills taught in high school and adult basic education programs.
• Comprehensive Adult Student Assessment System or (CASAS) measures functional basic skills, in reading and listening for non-native speakers of English.
• WorkKeys Foundational assessments measures cognitive abilities, such as applied mathematics, reading for information, and locating information. WorkKeys Personal Skills assessments are designed to predict job behavior and measure the full potential of individuals.

For further information or to schedule an appointment for the Utah Nursing Assistant Registry exams, please contact the School of Applied Technology Assessment Office at South City Campus, Room W124, at (801) 957-3257.

PROGRAM COSTS AND STUDENT FEES
Utah Residents: For Utah residents, the cost for most School of Applied Technology programs is $1.75 per scheduled clock hour, which does not include student fees. The cost of books and supplies are separate and are subject to change. See a School of Applied Technology Admissions Advisor for total program costs.

Students whose program cost is paid by a community agency need an authorization form from the agency before assessment or enrollment.

The School of Applied Technology is committed to the success of the student. Therefore, students may check out required books and/or tools to use in the classroom until they can purchase their own sets. See the instructor for details.
International students (students on a non-immigrant visa) must complete International Student Application for Admission through International Student Services, Taylorsville Redwood Campus (Room STC 234, phone (801) 957-4528, web address: www.slcc.edu/iss.; e-mail: internationalservices@slcc.edu. Students will be charged a $75 application fee at that time.

International students in English as a Second Language will be charged $1,575.00 tuition for each of 2 academic terms – one in Fall, and one in the Spring. Students will be charged $367.50 tuition for the Summer term.

For more information see the section titled “International Students” page 31.

WITHDRAWAL/REFUNDS
Students should submit drops/withdrawals within the first 20% of the scheduled course hours according to SLCC procedures. No tuition refunds will be given after 20% of scheduled course hours. Contact School of Applied Technology enrollment services for details.

FINANCIAL AID
The School of Applied Technology assists students who have financial needs. A number of state and federal sources of assistance are available to eligible students. Referral to funding resources is available through School of Applied Technology’s Financial Aid Office, South City Campus, Room W137B.

When receiving financial aid, students and their families are expected to assume some responsibility for meeting the cost of education. The expected contribution from students and family is determined by income, assets, number of dependents and other relevant information. Most financial assistance is awarded when the cost of attending the School of Applied Technology is greater than resources available. Financial aid is awarded only to students who maintain satisfactory progress in eligible programs.

Early program termination before completion may require repayment of aid received.
To apply for federal financial aid, students must complete the Free Application for Federal Student Aid (FAFSA) online at: www.fafsa.ed.gov. Students must also provide any supplemental information as requested. In order to be considered for additional grants, students must also complete the School of Applied Technology Student Information form.

RECORDS
Copies of student records are available upon the written request of the student to the School of Applied Technology MIS office, Room W136, South City Campus. The non-refundable cost for each transcript is $5. Any financial obligation owed to the School of Applied Technology or to the College must be cleared before a transcript will be released. Records will be released only to the student or the person designated in writing. A picture ID is required.

HIGH SCHOOL AND COLLEGE CREDIT
Students may earn high school credits for School of Applied Technology classes from local school district adult education programs. Some School of Applied Technology courses/programs may be articulated for Salt Lake Community College credit upon application for matriculation to a related degree-diploma program.

OPEN LEARNING LABS
Sponsored students who need additional monitored study time may elect to enroll in the KOLL 0100 Open Learning Lab course.

To enroll, students should ask their instructional advisor to add the Open Learning Lab to their schedule.

There will be a one-time administrative fee of $50 per student per program for enrolling in the Open Learning Lab.

EMPLOYMENT SERVICES
The School of Applied Technology is committed to helping students obtain employment upon completion of their training. Students work with an Employment Specialist who provides services for the training program they are attending. Students can also visit one of the Student Employment locations to receive employment services. The location and hours for School of Applied Technology Student Employment are: W136 at South City Campus, 8 a.m. to 4:30 p.m., or by appointment, phone: (801) 957-3354 or fax: (801) 957-3283. Student Employment provides the following services and resources to School of Applied Technology Students:

- Individual job referrals
- Job listings
- Employer recruiting and interviewing on campus
- Program-specific job market and employment information

One-on-one assistance with:
- Sources for job leads and development
- Information about types of jobs and employers
- Traditional and online applications
- Resumes, cover, and thank-you letters
- Interview dynamics, questions, and formats
- Past and current issues that affect employability
- Provide online employment assistance and job referrals
- Employment Workshops
- Fax Machine

Computers for:
- Online applications
- Resumes
- Cover and thank you letters
- Internet job searches
- Word processing
- E-mailing employers
- Resume paper

STUDENT ACADEMIC PROGRESS & ATTENDANCE

STUDENT ACADEMIC PROGRESS
Students enrolled in School of Applied Technology programs receive monthly progress reports from their instructors. In order to make satisfactory progress, students should be able to complete the competencies of courses in the programs within not more than 150% of the total allotted hours. However, students accepting financial aid from a sponsor should follow the satisfactory progress requirements of their sponsor. For federal PELL requirements see the section entitled “Eligibility Criteria for Financial Aid,” page 46.

ATTENDANCE
It is expected that students attend class regularly to ensure they make satisfactory progress toward course/program completion. Attendance is tracked and reported as required to sponsoring agencies and Financial Aid officers.

Students missing 10 consecutive instructional days without prior approval may be dropped from the course/program.

MAKE-UP POLICY
The School of Applied Technology has no make-up policy for missed days.

LEAVE OF ABSENCE
If students need an extended leave, they must request it in writing from an advisor. See an advisor for details.

BASIC SKILLS DEVELOPMENT & LEARNING CENTERS

ADULT BASIC EDUCATION: MATH, READING, WRITING
Assistant Professor: Martha Hess
South City Campus

Instruction is designed to assist students who want to improve their reading, writing and/or math skills before entering vocational training. Faculty work with students on an individual basis using a variety of instructional materials to help them achieve the desired skill level. Most work can be applied toward high school completion/diploma if the student is registered in Adult Education through their school district. Computer-assisted instruction is also provided through the SCIL (SAT Integrated Learning) Lab and is designed to supplement the classroom activities. Instruction is geared to meet the needs of the most elementary level adults through high school/college reading, writing and math skills.

PREREQUISITES
Success in the program depends upon each individual. To help ensure success, students are asked to demonstrate basic skills required for the program. These skills may be measured by taking the Comprehensive Adult Student Assessment System Test (TABE), RAVENS, Choices Ability Profiler, Learning Styles, and/or as determined by an admissions advisor. See an admission advisor for more information.

Clock hours are determined on an individual basis for one or all of the following subjects:

READING
Vocabulary improvement, spelling, writing and reading comprehension.
WRITING
Composition, essay writing for GED preparation or college entrance.

MATHEMATICS
Whole numbers, fractions, decimals, percentages, measurements and formulas, equations, ratio and proportion.
Students work at their own skill level and learn through a variety of instructional materials.

ARMED SERVICES VOCATIONAL APTITUDE BATTERY (ASVAB) TEST PREPARATION
Assistant Professor: Martha Hess
South City Campus
This program is designed to assist students in preparing for the Armed Services Vocational Aptitude Battery (ASVAB). The scores on this test battery can qualify candidates for certain jobs and training in the armed forces. Instruction is concentrated in the ten ASVAB areas:
- General Science
- Arithmetic Reasoning
- Word Knowledge
- Paragraph Comprehension
- Numerical Operations
- Coding Speed
- Auto and Shop Information
- Mathematics Knowledge
- Mechanical Comprehension
- Electronics Information

Resource materials and instructors are available for individual lessons and practice before taking the test. Reading and test-taking strategies are presented to reduce test anxiety and encourage confidence. Practice tests will be administered to measure the student’s readiness for completing the exam.

PREREQUISITES
Success in the program depends upon each individual. To help ensure success, students are asked to demonstrate basic skills required for the program. These skills may be measured by taking the Comprehensive Adult Student Assessment System Test (TABE), RAVENS, Choices Ability Profiler, Learning Styles, and/or as determined by an admissions advisor. See an admissions advisor for more information.

COURSES (AS DETERMINED AFTER ENROLLMENT)
KALL 0110 Integrated Learning Lab
KABM 0115 Mathematics
KABR 0115 Reading
KGED 0600 GED Test Preparation

PROGRAM HOURS: MINIMUM TWO TO FOUR HOURS PER DAY, AS ARRANGED

COMPUTER LEARNING CENTERS
Highland Center
Horizonte Training and Learning Center

The Computer Learning Center offers basic computer, reading, writing, and math courses designed to provide high school and adult students with skills necessary to succeed in their career and technical training programs, to study for the GED, and/or study for the Utah Basic Skills Competency Test (UBSCT).

HIGHLAND:
- KFND 0360 Terminology & Skills, Business
- KFND 0370 Terminology & Skills, CDL
- KFND 0380 Terminology & Skills, Health Care
- KFND 0390 Terminology & Skills, Transportation

KGED 0100 Introduction to Computers
KABR 0115 Basic Math Skills
KABR 0115 Basic Reading Skills
KGED 0100 GED Prep, Social Studies
KGED 0100 GED Prep, Science
KGED 0200 GED Prep, Language Arts, Reading/Lit.
KGED 0200 GED Language Arts/Writing
KMTH 0010 Math I

HORIZONTE:
- KFND 0200 Fundamental Skills, Business
- KFND 0270 Fundamental Skills, CDL
- KFND 0280 Fundamental Skills, Health Care
- KFND 0290 Fundamental Skills, Auto/Diesel
- KFND 0200 Computer Basics
- KVSL 0755 Vocational ESL, Business
- KVSL 0756 Vocational ESL, CDL
- KVSL 0757 Vocational ESL, Health Care
- KVSL 0758 Vocational ESL, Transportation
- KVSL 0759 Vocational ESL, Welding
- KABR 0115 Basic Math Skills
- KABR 0115 Basic Reading Skills

ENGLISH-AS-A-SECOND LANGUAGE (ESL)
Associate Professors: Cheryl Shurtleff
South City Campus
Taylorsville Redwood Campus

The School of Applied Technology offers three levels of ESL leading to vocational training or college level classes. No minimum English proficiency is required to enter ESL classes. However, a placement test is given to determine the level at which a student should begin. Placement tests are arranged at the time students seek to register for the program. Students participate in the School of Applied Technology Integrated Learning (SCIL) Lab which focuses on the individual needs of the students. ESL classes include intensive practice in reading, writing, grammar, listening, vocabulary, pronunciation, conversation and computer-aided instruction.

The following classes are available for each level:
- 1 hour computer-aided language instruction
- 1.5 hour Reading/Writing/Communication Skills class
- 1.5 hour Grammar class
- 1 hour Listening and Note-Taking Skills class

Because this is an intensive English language program, full-time attendance is strongly recommended to encourage more rapid acquisition of English and is required for International students, as needed. Students may enroll with the following schedules:

FULL TIME STUDENTS (RECOMMENDED FOR ALL)

DAYTIME (REQUIRED FOR INTERNATIONAL STUDENTS):
5 hours/day, Monday - Thursday, as scheduled

EVENING:
4 hours/day, Monday-Thursday as scheduled.

PART TIME STUDENTS (DAYTIME OR EVENING)
Part time students are encouraged to take the core classes, i.e., Reading/Writing/Speaking, and Grammar

DAY
Monday-Thursday, 12 hours/week, as scheduled

EVENING
Monday-Thursday, 12 hours/week, as scheduled
INTERNATIONAL STUDENTS
International students (students on a non-immigrant visa) must complete the International Student Application for Admission through the International Student Services, Taylorsville Redwood Campus, Room STC 234, phone (801) 957-4528, website address: www.slcc.edu/iss
E-mail: international.services@slcc.edu. Students will be charged a $75 application fee at that time.

PREREQUISITE
Each level has predetermined Comprehensive Adult Student Assessment System (CASAS) score ranges. A School of Applied Technology Admissions Advisor will inform the student of his/her level after testing.

COURSE OFFERINGS
Program Hours: Level I, II, and III – 300 hours per level (minimum two hours per day)

ESL LEVEL 1 - BEGINNING
KESL 0110 Grammar
Introduction to basic parts of speech and verb forms.

KESL 0120 Reading/Writing/Speaking
Intro to basic reading, writing, and communication skills.

KESL 0150 Listening/Speaking
Introduce and develop listening strategies, vocabulary building, and speaking abilities in various contexts.

KESL 0450 Language Lab
Computer-aided instruction in spelling, pronunciation, grammar, vocabulary, reading, writing, and keyboarding, and/or communicative activities to develop fluency.

ESL LEVEL 2 - INTERMEDIATE
KESL 0210 Grammar
Introduction and practice of basic structures and usage: present, past and future tenses; nouns and pronouns; basic modal; present and past perfect; count and non-count nouns and articles.

KESL 0220 Reading/Writing/Speaking
Intermediate practice of reading and writing skills; vocabulary development; communication skills; cultural awareness.

KESL 0250 Listening and Speaking
Introduce and develop listening strategies, vocabulary building, and speaking abilities in various contexts.

KESL 0450 Language Lab
Computer-aided instruction in spelling, pronunciation, grammar, vocabulary, reading, writing, and keyboarding, and/or communicative activities to develop fluency.

ESL LEVEL 3 - ADVANCED
KESL 0310 Grammar
Advanced grammatical and complex sentence structures: Verb tense review; passive; complete modal usage; gerunds and infinitives; conditionals (optional).

KESL 0320 Reading/Writing
Advanced reading and writing skills; vocabulary development; compositions; group discussions; presentations; cultural awareness.

KESL 0350 Listening and Speaking
Refine listening strategies, academic vocabulary building, cooperative speaking activities.

KESL 0450 Language Lab
Computer-aided instruction in spelling, pronunciation, grammar, vocabulary, reading, writing, and keyboarding, and/or communicative activities to develop fluency.

ESL LEVEL 3 (C) ADVANCED PRE-COLLEGE
KESL 0720 Reading/Writing
Thorough review of English grammar as needed for reading and writing; advanced reading and vocabulary skills; summaries; essays.

KESL 0730 Listening/Speaking
Notetaking skills; lecture comprehension; prepared speeches; community service learning.

KESL 0740 Computer Skills
Introduction and practice as needed for college success: word processing, e-mail, Internet.

KESL 0750 Special Studies
Pronunciation, debate, particular grammar points, vocabulary, etc. Student needs and interests determine actual curriculum.

GED TEST PREPARATION
Assistant Professor: Martha Hess
South City Campus

The GED Test Preparation courses are designed for individual student study to prepare for the GED exam. Resource material is available for individual lessons and practice in the tested areas of mathematics, writing skills, social science, science and interpreting literature and the arts. Reading and test-taking tips are presented in the course to lessen test anxiety and encourage confidence. Diagnostic and practice tests are administered to measure the student's readiness for the exam. The School of Applied Technology Integrated Learning (SCIL) lab also is used to strengthen classroom instruction and to prepare the student for the final GED exam.

Three hours of classroom instruction are GED, writing, and math. Additional hours, as needed: math, or SCIL lab.

PREREQUISITES
Success in the program depends upon each individual. To help ensure success, students are asked to demonstrate basic skills required for the program. These skills may be measured by taking the Comprehensive Adult Student Assessment System Test (CASAS), Tests of Adult Basic Education (TABE), RAVENS, Choices Ability Profiler, Learning Styles, and/or as determined by an admissions advisor. See an admissions advisor for more information.

KALL 0110 Integrated Learning Lab
KABM 0145 Basic Math Skills
KGED 0500 GED Language Arts/Writing
KGED 0600 GED Test Preparation

Program Hours: Minimum three hours per day, as arranged

GED TESTS
Tests are given by appointment in the School of Applied Technology Testing Services Office. For an appointment and fee information, call (801) 957-3249, or inquire at the School of Applied Technology Testing Services Office in room W124, South City Campus.

BUSINESS OFFICE TECHNOLOGY

ACCOUNTING CLERK
CERTIFICATE OF COMPLETION
Professors: DeeAnn Jensen, CPC, CCS-P; Jeanne Noble
Associate Professors: Karl Jorgensen, Sally Williams, CPC
Assistant Professor: Vonadean McFarland
Instructor: Diego Pardo; Carolyn Perry, CPC
Highland Center, Rose Park Center, South City Campus
PROGRAM DESCRIPTION
The accounting clerk program enables students to develop entry-level skills in the office accounting and/or bookkeeping areas. The most up-to-date tools necessary for securing and maintaining employment are emphasized throughout the program. Emphasis is placed on standard accounting office procedures, including presentation software (MS PowerPoint), team skills and activities, and exposure to other software packages, including MS Outlook. Secretarial accounting, computer-based accounting principles, data entry, skill building, speed and accuracy, customer service, spreadsheets, word processing, and presentations.

Further emphasis is placed on computer applications including presentation software (MS PowerPoint), team skills and activities, and exposure to other software packages, including QuickBooks, advanced Word Processing, and medical terminology.

Emphasis is placed on keyboarding skill building, ten-key calculator, computer concepts, Internet, and e-mail. This program provides basic training in keyboarding skill building, ten-key calculator, computer concepts, Internet, and e-mail. The course also teaches telephone etiquette, professionalism, business communication skills, and introduction to word processing (MS Word). Special emphasis is given to customer service and life skills training. Students learn to use assertive skills and problem solving to provide quality customer service.

ADMINISTRATIVE OFFICE SUPPORT SPECIALIST

CERTIFICATE OF COMPLETION
Professors: DeeAnn Jensen, CPC, CCS-P, Jeanne Noble
Associate Professors: Karl Jorgensen, Sally Williams, CPC
Assistant Professor: Vonadean McFarland
Instructor: Diego Pardo; Carolyn Perry, CPC
Highland Center, Rose Park Center, South City Campus

PROGRAM DESCRIPTION
The Administrative Office Specialist program enables students to develop entry-level skills in the computer/office occupations area. The most up-to-date tools necessary for securing and maintaining employment are emphasized throughout the program. Emphasis is placed on keyboarding skill building, ten-key calculator skills, computer concepts, Windows, Internet, and e-mail. Further emphasis is placed on computer applications including spreadsheets, word processing, and presentations. Students learn business communication skills, business office procedures, customer service, and life skills training. Students may also elect to take program electives including database applications, accounting, QuickBooks, advanced Word Processing, and medical terminology.

CUSTOMER SERVICE RECEPTIONIST

CERTIFICATE OF PROFICIENCY
Professors: DeeAnn Jensen, CPC, CCS-P; Jeanne Noble
Associate Professors: Karl Jorgensen, Sally Williams, CPC
Assistant Professor: Vonadean McFarland
Instructor: Diego Pardo; Carolyn Perry, CPC
Highland Center, Rose Park Center, South City Campus

PROGRAM DESCRIPTION
This program provides basic training in keyboarding skill building, ten-key calculator, computer concepts, Internet, and e-mail. The course also teaches telephone etiquette, professionalism, business communication skills, and introduction to word processing (MS Word). Special emphasis is given to customer service and life skills training. Students learn to use assertive skills and problem solving to provide quality customer service.

SOCIAL/HUMAN SERVICES ASSISTANTCTE

CERTIFICATE OF PROFICIENCY
Professors: DeeAnn Jensen, CPC, CCS-P, Jeanne Noble
Associate Professors: Karl Jorgensen, Sally Williams, CPC
Assistant Professor: Vonadean McFarland
Instructors: Carolyn Perry
South City Campus

This program is designed for people interested in giving to the community by assisting professionals with their clients in social service settings. With a focus on entry-level case management, students learn how to work in a team environment with professionals from a wide variety of fields such as psychology, rehabilitation, corrections and/or social work. Due to the demand for skilled assistants, the program was developed with the help of representatives from government and private agencies who are looking to hire graduates.

Courses focus on cultural growth, communication, ethical problem solving, and the computer skills needed to work in a social service environment. Successful students may find employment where they assist clients in identifying and...
obtaining services available from social and community agencies. Assistants may also assist licensed counselors or social workers with developing, organizing, and conducting programs to prevent and resolve problems relevant to substance abuse, human relationships, rehabilitation, or adult day care. Other areas may be working with youth in the juvenile justice system and welfare services, or clients dealing with mental health issues, human relationships, rehabilitation, or other services designed to meet the needs of people in stressful life situations.

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**NETWORK ADMINISTRATOR (MCITPSA) CERTIFICATE OF COMPLETION**

Assistant Professor: Steven Fogg
Instructor: Doug Miller
Meadowbrook Campus; Rose Park Center

**PROGRAM DESCRIPTION**

The program provides the latest courses required by Microsoft for the MCITPS and MCITPSA certification titles.

Students receive guidance from certified instructors throughout this intensive “hands-on” training program as they learn to install, configure, manage, secure and troubleshoot the latest Windows Client and Server operating systems and services in a Windows domain environment. The training can also be used as a step in preparation to take industry exams to earn Microsoft Certified Technology Specialist (MCTS) and Windows 2008 Microsoft Certified Information Technology Professional: Server Administrator (MCITPSA) titles.

A broad range of client, server, and network management topics are covered in this program including: file and print services, directory services, user and group account management, automation of tasks through scripts, remote management and administration, domain controller management, software distribution, software distribution, configuration management, Group Policy, data backup and recovery, disaster prevention, and clusters, network load balancing, DNS, DHCP, TCP/IP subnetworking, Group Policy, VPN configuration, Terminal Services, Routing, Patch Management, operating system virtualization, and Hyper-V.

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A broad range of client, server, and network management topics are covered in this program including: Cisco router and switch configuration, SharePoint services, Web server management, SCCM 2007, file and print services, directory services, user and group account management, automation of tasks through scripts, remote management and administration, domain controller management, software distribution and updates, Terminal Services, audit policies, vulnerability assessment, firewall configuration, network access protection, encryption, data backup and recovery, disaster prevention, RAID configuration, cluster services, network load balancing, DNS, DHCP, TCP/IP subnetting, Group Policy, VPN configuration, Terminal Services, Routing, Patch Management, operating system virtualization, and Hyper-V.

Studies around the world show a growing demand for information and communication technology (ICT) professionals and a critical shortage of qualified candidates to fill the positions. Innovations such as social networking, cloud computing, e-commerce, web conferencing, and desktop virtualization are changing the way we live, work, play, and learn, and these capabilities are all powered by networks. This program provides the experience needed to help meet the global demand for qualified ICT candidates to design, install, and manage these networks. Each course is supported by classroom instruction, online assessments, hands-on labs, and interactive learning tools to help students succeed.

### ELECTRICAL TECHNOLOGY

#### ELECTROMECHANICAL ASSEMBLY TECHNICIAN

**CERTIFICATE OF PROFICIENCY**

Associate Professor: Gilbert Ulibarri, Jr.

Assistant Professor: Richard Hemingway

Taylorsville Redwood Campus

Students learn to use the latest techniques and tools to ensure high reliability soldering in this multiple-part, hands-on program.

- The universal assembly and repair module covers all aspects of both single and double-sided through-hole circuit board technology, including: high reliability soldering; solder theory; assembly and rework techniques of wire connections; terminals; axial lead; DIPS; flat packs and multi-leaded components.
- The surface mount technology assembly and repair module stresses the safe installation and removal of surface mount components, chip, SOTs, MELF, SOICs, QFPs and PLCC., using the latest equipment and techniques.
- Upon satisfactory completion of this program, students will be able to make “accept” or “reject” decisions for the appropriate class/classes of electronic assembly production, based upon the acceptability requirements of the IPC-A-610D standard.
• The IPC-620-A course will train students in modern cabling and harnessing techniques and acceptability requirements of that standard. Students will prepare for the IPC 620 industry certification.

• The J-STD-001 course will prepare students to pass the IPC J-STD-001 exam which includes both written and practical elements.

• The Electromechanical Project Assembly course ties all of the program elements together resulting in a project with soldering, mechanical, cabling, safety, cleaning, and handling elements.

**CAREER OPPORTUNITIES**
Electromechanical assembly positions represent an entry level into the electronics industry. Graduates of this program are qualified as electromechanical assemblers in the manufacturing industry. Often engineering departments will use electromechanical assemblers to develop prototype equipment before production starts. Much of the manufacturing industry has either automated or transferred to foreign sites. Rework, however, is often the responsibility of electromechanical assemblers.

**CERTIFICATION**
Successful students could earn Certification in the following:
- IPC-A-610 D Worker Proficiency Training Certification
- Salt Lake Community College certificates in Advanced Surface Mount Technology and Advanced Through-hole Soldering.
- IPC-J-STD-001D Certification
- IPC/WHMA-A-620 Certification

(Certification costs are included in the cost of the program.)

**COURSES**

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**TOTAL HOURS** 365

**ELECTRONICS ASSEMBLY TECHNICIAN CERTIFICATE OF PROFICIENCY**

Associate Professor: Gilbert Ulibarri, Jr.
Assistant Professor: Richard Hemingway
Taylorville Redwood Campus

Students learn to use the latest techniques and tools to ensure high reliability soldering in this two part, in-depth, hands-on program. The universal assembly and repair module covers all aspects of both single and double-sided through-hole and surface mount technology assembly and repair. Students will be able to make “accept” or “reject” decisions for the appropriate class of electronic assembly production, based upon the acceptability requirements of the IPC-A-610D.

**CERTIFICATION**
Successful students may be certified in the following areas:
- IPC-A-610 D Worker Proficiency Training Certification
- PACE Advanced Surface Mount Technology and Advanced Through-hole Soldering

(Certification costs are included in the cost of the program.)

**COURSES**

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**TOTAL HOURS** 196

**ELECTRONICS COMMUNICATION TECHNICIAN CERTIFICATE OF COMPLETION**

Associate Professor: Gilbert Ulibarri, Jr.
Assistant Professor: Richard Hemingway
Taylorville Redwood Campus

**PROGRAM DESCRIPTION**
This program provides a solid foundation for students desiring to enter the electronics communications technician field. The program includes the core electronics curriculum covers the basic theory, laws, and circuits, ad fundamentals of AC/DC, solid-state and digital electronics. The student will then learn communications theory including Radio Frequency, digital wireless, fiber optics, microwave, and antennas, as well as learn how to use various test equipment.

**COURSES**

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**TOTAL HOURS** 1305

**ELECTRONICS ENGINEERING TECHNICIAN CERTIFICATE OF COMPLETION**

Associate Professor: Gilbert Ulibarri, Jr.
Assistant Professor: Richard Hemingway
Taylorville Redwood Campus

**PROGRAM DESCRIPTION**
This program provides a solid foundation for students desiring to enter the electronics engineering technician field. The program covers the basic theory, laws, and circuits, ad fundamentals of AC/DC, solid-state and digital electronics. Students learn how to use various test equipment and the program covers electronic components, how they function, and how to test devices. Introduction modules of troubleshooting techniques, schematic symbols and diagrams are used to enable students to learn the skills required. Students learn the skills required of an electronic engineering technician including microprocessors, embedded controllers, (including software), schematic capture and circuit simulation, , and printed circuit board design using software.

**COURSES**

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**TOTAL HOURS** 1305
ELECTRONICS TECHNICIAN
CERTIFICATE OF COMPLETION

Associate Professor: Gilbert Ulibarri, Jr.
Assistant Professor: Richard Hemingway
Taylorsville Redwood Campus

This program provides a solid foundation for students desiring to enter the electronics technician field. The program covers the basic theory, laws, circuits and fundamentals of AC/DC; solid-state and digital electronics. Students learn modern assembly and soldering techniques, such as surface-mount and ceramic-soldering techniques, through-hole (single side and plated through-hole), cable and harness assembly, and J-Std assembly such as surface mount and ceramic soldering techniques. The student will learn how to use various modern test equipment for trouble-shooting and repair of electronic circuits, and will learn modern circuit simulation techniques. The course covers electronic components, how they function and how to test devices. Students learn the skills required of an electronic technician to understand, maintain, troubleshoot and repair modern electronic equipment.

CAREER GROWTH POTENTIAL

The types of careers available to graduates of a technical program in electronics are plentiful. The Occupational Outlook Handbook predicts moderate growth in the field of electronics.

A technician with a strong background in electronics is a very valuable commodity in today’s workplace and will be in even more demand in the future.

CERTIFICATION


COURSES CLOCK HOURS
KET2 0169 Digital Circuits and Applications 96
KET2 0242 Tech Certification 42
KET2 0171 Microprocessors 96
KET2 0172 Embedded Controllers 96
KET2 0400 Schematic Capture and Simulation 72
KEET 0000 Printed Circuit Board Design 72
KWRK 0115 Job-seeking Skills 15

TOTAL HOURS 1207

HEALTH CARE TECHNOLOGY

CERTIFIED NURSING ASSISTANT
CERTIFICATE OF PROFICIENCY

Professor: Marilyn Little
Meadowbrook Campus

PROGRAM DESCRIPTION

This program is designed to provide students with the skills necessary to meet the state of Utah nursing assistant certification requirements. Students completing the program will learn the responsibilities of a Certified Nursing Assistant to provide for the physical, physiological, and psychological needs of the patient within a hospital or long-term facility. The curriculum includes an overall introduction to human relations, anatomy, physiology, and bacteriology, as well as consideration of body mechanics, disease processes, and therapeutic approaches used to arrest or contain them. Universal precautions are taught throughout the program and emphasis is placed on the need to protect the patient, as well as the nursing assistant.

PREREQUISITES

- Immunizations (MMR, Hepatitis B, current TB test)
- Tetanus shot within the past 10 years
- Utah Bureau of Criminal Identification personal criminal background check. Students will be required to submit a copy of their personal Utah criminal history prior to enrolling in the program. Forms may be obtained at the Utah Bureau of Criminal Identification, 3888 West 5400 South, Salt Lake City, UT 84114-8280 or online at http://bci.utah.gov. For more information, call (801) 965-4445. Cost to student: $10. Student with a history of a misdemeanor or felony involving moral turpitude may not be eligible for state certification and/or employment. Specific questions should be directed to the Utah Department of Occupational and Professional Licensing (801) 530-6628.

CERTIFICATION TESTING

There are two state certification tests: a written test and a basic skills (hands-on demonstration) test. Both tests must be passed before a student can be certified. If a student does not pass one or both tests, he/she must pay for the retest. The KCNA 0010 Skills Lab Refresher course was developed for students who feel they need a brush-up class to help to improve their hands-on skills before taking the State basic skills test.

Upon application to take these tests, the applicant’s name is entered into the DOPL Registry. The Registry reports any substantiated allegation of resident neglect, abuse or misappropriation of patient’s property. For more information, ask an admissions advisor for a copy of the form.

NUTRITION ASSISTANT

Students may also wish to enroll in the 20-hour KCNA 0100 Nutrition Assistant stand alone course to become certified to help with patient needs at mealtimes in a long-term or rehabilitation care facility.

COURSES CLOCK HOURS
KCNA 0100 Patient Care, Theory 74
KCNA 0110 Skills Lab 20
KCNA 0010 CPR for Health Care Pros 8
KCNA 0120 Patient Care, Long-Term Clinical 16
KCNA 0140 Patient Care, Acute Care Clinic 12

TOTAL HOURS 128

SLCC 2010-2011 GENERAL COLLEGE CATALOG 291
CLINICAL MEDICAL ASSISTING CERTIFICATE OF COMPLETION
Instructors: Julia Miller, Celeste Skinner
Highland Center, Rose Park Center

PROGRAM DESCRIPTION
This non-credit option provides a flexible-entry competency-based option for students who wish to work as a clinical medical assistant. Clinical Medical Assistants perform routine administrative and clinical tasks in clinics, doctor's offices and occasionally hospitals. The medical assistant must be trained in clinical skills, medical law and ethics, asepsis and general communication. Administrative duties include answering the telephone, scheduling appointments, basic insurance coding, basic finance, banking, and written correspondence. Clinical duties may include taking medical histories, obtaining vital signs, performing venipuncture, medical office laboratory procedures such as urinalysis, hematology and serology tests, ECG, injections explaining procedures, preparing patients for examinations and assisting the physician during the exam. Accreditation through the CAAHEP (Commission on Accreditation of Allied Health Education Programs) is pending. Until accreditation is secured, employment opportunities at some locations or articulating to courses awarding college credit or a credit Certificate of Completion program may be limited.

PREREQUISITES
Students are required to provide the following:

- Utah Bureau of Criminal Investigations (BCI) personal criminal background check prior to enrollment
- Immunizations: (prior to enrolling)
  - Hepatitis B Series (started)
  - MMR or Titer
  - PPD – Tuberculosis (TB) Manitou Test or X-Ray
  - Varicella (Chickenpox) (or verification of disease)
  - TDaP (Tetanus, Diphtheria, Pertussis) (within past 10 years)
- Drug Screen (SAM-S) prior to externship

ECG TECHNICIAN CERTIFICATE OF PROFICIENCY
Instructors: Julia Miller, Celeste Skinner
Highland Center, Rose Park Center

PROGRAM DESCRIPTION
ECG Technicians specialize in conducting ECG tests on patients. ECG stands for 'electrocardiogram.' The electrocardiogram is a graphic recording of the electrical activity of the heart used in the investigation of heart disease. ECG technicians work in clinics, doctor's offices, and hospitals taking medical histories and recording vital signs, explaining procedures, preparing patients for procedures, and assisting physicians during ECG tests. ECG technician prepare and perform basic tests, dispose of contaminated supplies and may sterilize medical instruments.

PREREQUISITES
Students are required to provide the following immunizations prior to enrollment:

- Hepatitis B Series (started)
- MMR or Titer
- PPD – Tuberculosis (TB) Manitou Test or X-Ray
- Varicella (Chickenpox) (or verification of disease)
- TDaP (Tetanus, Diphtheria, Pertussis) (within past 10 years)

Although not required for enrollment, many employers require background checks and drug testing prior to employment.

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<tr>
<td>KCMA 0160</td>
<td>Intro to Insurance Proc.</td>
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<tr>
<td>KCMA 0170</td>
<td>Financial Proc./Sched.</td>
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<tr>
<td>KCMA 0180</td>
<td>Intro to Assisting w/Exams</td>
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<tr>
<td>KCMA 0190</td>
<td>Intro to Pharmacology</td>
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<tr>
<td>KCMA 0200</td>
<td>Assist w/OFFICE Proc.</td>
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<tr>
<td>KCMA 0220</td>
<td>Therapeutic &amp; Rehab.</td>
</tr>
<tr>
<td>KCMA 0420</td>
<td>Final Review &amp; Cert Prep</td>
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<td>KWRK 0400</td>
<td>Workplace Relations</td>
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<tr>
<td>KWRK 0455</td>
<td>Job-Seeking Skills</td>
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<tr>
<td>KCMA 0430</td>
<td>Med Assisting Externship</td>
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<tr>
<td>TOTAL PROGRAM HOURS</td>
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</tbody>
</table>

HEALTH INFORMATION SPECIALIST CERTIFICATE OF COMPLETION

Professors: Dee Ann Jensen, CPC, CCS-P, Jeanne Noble
Associate Professors: Karl Jorgensen, Sally Williams, CPC
Assistant Professor: Vonadean McFarland
Instructor: Diego Pardo; Carolyn Perry, CPC
Highland Center, Rose Park Center, South City Campus

PROGRAM DESCRIPTION
This program prepares students to work in the medical records offices of hospitals, larger medical clinics, doctors' offices, and insurance companies. It provides basic clerical training in computer concepts, Windows, Internet, e-mail, medical filing, keyboarding, word processing, ten-key, medical terminology, medical accounting/patient scheduling, and ICD-9 coding. Special emphasis is placed on customer service and life skills training. This curriculum includes a 120-hour cooperative externship at a medical facility in the medical records department.

COURSES

<table>
<thead>
<tr>
<th>COURSES</th>
<th>CLOCK HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>KAOS 0110</td>
<td>Beginning Keyboarding</td>
</tr>
<tr>
<td>KAOS 0120</td>
<td>Keyboard Skill Building I</td>
</tr>
<tr>
<td>KAOS 0130</td>
<td>Keyboard Skill Building II</td>
</tr>
</tbody>
</table>
This program prepares students to work at nursing stations in a hospital or in other medical office situations which deal with patient care records. Students learn to transcribe doctors' orders using basic knowledge of anatomy, physiology, medical terminology and abbreviations. Keyboarding skills, use of the computer, and communication skills are included in the program. Students learn on a computer simulation program to order daily diets, laboratory tests and other diagnostic tests; order medication; maintain and organize patient charts; and perform non-clinical tasks for patient admission, transfer, discharge, preoperative and postoperative procedures. Students learn how to maintain the nursing unit supplies; communicate effectively with patients, visitors and professional health care teams; and operate the nursing unit communications systems (i.e., computer terminal, telephone, intercom, pagers).

SPECIAL REQUIREMENTS
Although not required for enrollment, most employers require a high school diploma or GED before employment.

COOPERATIVE EXTERNSHIP
During the cooperative externship, students are given the opportunity to practice these skills at area hospitals.

CERTIFICATION
Although not required for successful completion of the program, students will receive instruction that prepares them to take the National Association of Health Unit Clerk/Coordinators certification test.

COURSES

<p>|</p>
<table>
<thead>
<tr>
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<tr>
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</table>

HEALTH UNIT CLERK/COORDINATOR CERTIFICATE OF PROFICIENCY
Instructors: Juliann Olsen; JeNae Doonan; Paul Hollingshaus
South City Campus

This program prepares students to work at nursing stations in a hospital or in other medical office situations which deal with patient care records. Students learn to transcribe doctors' orders using basic knowledge of anatomy, physiology, medical terminology and abbreviations. Keyboarding skills, use of the computer, and communication skills are included in the program. Students learn on a computer simulation program to order daily diets, laboratory tests and other diagnostic tests; order medication; maintain and organize patient charts; and perform non-clinical tasks for patient admission, transfer, discharge, preoperative and postoperative procedures. Students learn how to maintain the nursing unit supplies; communicate effectively with patients, visitors and professional health care teams; and operate the nursing unit communications systems (i.e., computer terminal, telephone, intercom, pagers).

SPECIAL REQUIREMENTS
Although not required for enrollment, most employers require a high school diploma or GED before employment.

COOPERATIVE EXTERNSHIP
During the cooperative externship, students are given the opportunity to practice these skills at area hospitals.

CERTIFICATION
Although not required for successful completion of the program, students will receive instruction that prepares them to take the National Association of Health Unit Clerk/Coordinators certification test.

COURSES

<p>|</p>
<table>
<thead>
<tr>
<th>COURSES</th>
<th>CLOCK HOURS</th>
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</thead>
<tbody>
<tr>
<td>KAOS 0110</td>
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<td>TOTAL PROGRAM HOURS</td>
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MEDICAL OFFICE ADMINISTRATION CERTIFICATE OF COMPLETION
Instructors: Julia Miller; Celeste Skinner
Highland Center, Rose Park Center

PROGRAM DESCRIPTION
The Medical Office Administration program prepares student to work in many different businesses in the health care industry including doctor's offices, clinics and hospitals. Medical office administrative assistants help with many business functions such as storing, retrieving and integrating information for staff and patients. Assisting with patient intakes, basic accounting and insurance filing, general record keeping and file maintenance along with other front office tasks.

PREREQUISITES
Students are required to provide the following:
- Utah Bureau of Criminal Investigations (BCI) personal criminal background check prior to enrollment
- Immunizations: (prior to enrolling)
  - Hepatitis B Series (started)
  - MMR or Titer
  - PPD – Tuberculosis (TB) Mantoux Test or X-Ray
  - Varicella (Chickenpox) (or verification of disease)
  - TDaP (Tetanus, Diphtheria, Pertussis) (within past 10 years)
- Drug Screen (SAM-5) prior to externship

COURSES

<p>|</p>
<table>
<thead>
<tr>
<th>COURSES</th>
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SLCC 2010-2011 GENERAL COLLEGE CATALOG
ELECTIVES: 210 HOURS REQUIRED
KBA1 0050 Database Applications II 60
KBA2 0010 Keyboarding II 30
KBA2 0020 Keyboarding III 30
KBA2 0140 Spreadsheet App. II 60
KBA2 0130 Word Processing App. II 90
KMOA 0140 Medical Terminology II 30
KMOA 0100 Fund. Of Human Disease 30
KMOA 0160 Basic Vital Signs 30
KMOA 0210 Med. Office Extremity 90

MEDICAL OFFICE LABORATORY TECHNICIAN
CERTIFICATE OF COMPLETION
Instructors: Julia Miller; Celeste Skinner
Highland Center, Rose Park Center

PROGRAM DESCRIPTION
Medical Office Laboratory Technicians specialize in conducting medical tests on specimens and samples. Lab technicians work in clinics, doctor’s offices, and hospitals performing various laboratory and clerical tasks. Clinical tasks may include taking medical histories and recording vital signs, explaining procedures, preparing patients for procedures, and assisting physicians during blood draws and sample collections. Laboratory tasks may include preparing and analyzing specimens, performing basic tests, disposing of contaminated supplies and sterilizing medical instruments.

PREREQUISITES
Students are required to provide the following immunizations prior to enrollment:

- Hepatitis B Series (started)
- MMR or Titer
- PPD – Tuberculosis (TB) Manitou Test or X-Ray
- Varicella (Chickenpox) (or verification of disease)
- TDaP (Tetanus, Diphtheria, Pertussis) (within past 10 years)

Although not required for enrollment, many employers require background checks and drug testing prior to employment.

COURSES  CLOCK HOURS
KBA1 0010 Keyboarding Basics 30
KBA1 0020 Basic Comp Skills-Prof 30
KCMA 0010 Intro Clinical Medical Assisting 20
KCMA 0020 Medical Asepsis and Government Regulations 20
KCMA 0030 Law & Ethics in the Medical Environment 20
KCMA 0040 Psychology and Patient Communication 20
KCMA 0061 Medical Office Communications 25
KCMA 0070 Tracking Patient Records 20
KCMA 0080 Viral Signs/CPR/First Aid 20
KCMA 0091 Phlebotomy 35
KCMA 0100 Intro to Clinical Lab 20
KCMA 0120 Hematology/Serology 20
KCMA 0130 Microbiology/Uranalysis 20
KWRK 0510 Job-seeking Skills 15
TOTAL HOURS 315

PHLEBOTOMY TECHNICIAN
CERTIFICATE OF PROFICIENCY
Instructors: Julia Miller, Celeste Skinner
Highland Center, Rose Park Center

PROGRAM DESCRIPTION
Phlebotomy is the drawing of blood for transfusion, diagnosis or experiment, especially in the treatment of sickness or disease. Phlebotomists work in clinics, doctor’s offices, hospitals and laboratories performing routine tasks revolving around the drawing of blood. A phlebotomist may be responsible for taking medical histories, vital signs, explaining procedures, obtaining blood samples, preparing the blood sample for testing, disposing of contaminated supplies and perhaps sterilizing reusable items.

PREREQUISITES
Students may be 16 years old at the time of enrollment; they must be 18 years old when they start their externship and 18 years old to apply for occupational licensure. Although not required for enrollment, many employers require background checks and drug testing prior to employment. Students are required to provide the following immunizations prior to enrollment:

- Hepatitis B Series (started)
- MMR or Titer
- PPD – Tuberculosis (TB) Manitou Test or X-Ray
- Varicella (Chickenpox) (or verification of disease)
- TDaP (Tetanus, Diphtheria, Pertussis) (within past 10 years)

COURSES  CLOCK HOURS
KBA1 0001 Keyboarding Basics 30
KBA1 0012 Basic Computer Skills 30
 KCMA 0010 Intro Clinical Medical Assisting 20
KCMA 0020 Med. Aseps. & Govt. Reg. 20
KCMA 0030 Law & Ethics in the Med. Off. 20
KCMA 0040 Psych. & Patient Records 20
KCMA 0061 Med. Office Com. 25
KCMA 0070 Tracking Patient Records 20
KCMA 0080 Vital Signs/CPR/First Aid 20
KCMA 0091 Phlebotomy 35
KWRK 0514 Job Seeking Skills 15
TOTAL PROGRAM HOURS 285
MANUFACTURING TECHNOLOGY

MACHINISTCTE
CERTIFICATE OF COMPLETION
Taylorsville Redwood Campus

Machinists have been identified as one of Utah’s Five Star occupations by the Utah Department of Workforce Services (DWS). This means that there is a labor shortage in this area and that the wages are higher than average. The need for replacements, rather than growth in numbers, is projected to make up the majority of job openings for this occupation. The occupational description of a machinist is an individual able to set up and operate a variety of machine tools to produce precision parts and instruments. Included are precision instrument makers who fabricate, modify, or repair mechanical instruments. Employment may also include fabricating and modifying parts to make or repair machine tools or maintain industrial machines, applying knowledge of mechanics, shop mathematics, metal properties, layout, and machining procedures.

The Machinist program is competency-based. This means that students will learn through hands-on practice the skills needed for entry-level employment. Students will begin the program by learning the safety requirements needed on the job. Instruction will continue with applied math and blueprint reading. Students will learn to operate lathes, mills, and grinders, all the while learning to assess the quality of the projects they produce.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CLOCK HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>KMAT 0100</td>
<td>Shop Safety 5</td>
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<tr>
<td>KMAT 0350</td>
<td>Work Ethics 5</td>
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<tr>
<td>KMAT 0205</td>
<td>Machine Tools 20</td>
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<tr>
<td>KMAT 0305</td>
<td>Shop Math 30</td>
</tr>
<tr>
<td>KMAT 0355</td>
<td>Blue Print Reading 30</td>
</tr>
<tr>
<td>KMAT 0405</td>
<td>Metals 30</td>
</tr>
<tr>
<td>KMAT 0600</td>
<td>Lathe 100</td>
</tr>
<tr>
<td>KMAT 0600</td>
<td>Milling 100</td>
</tr>
<tr>
<td>KMAT 0704</td>
<td>Grinding 20</td>
</tr>
<tr>
<td>KMAT 0805</td>
<td>Quality Assurance 20</td>
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<tr>
<td>KMAT 0290</td>
<td>Employment Workshop 0-10</td>
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<td>PROGRAM TOTAL</td>
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WELDING, FOCUSED CERTIFICATE
Taylorsville Redwood Campus

SPECIAL REQUIREMENTS
Prospective students should have good eyesight (corrected vision is satisfactory), finger dexterity, good eye-hand coordination, and be in good physical condition (able to lift 50 lbs. minimum.)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CLOCK HOURS</th>
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<tbody>
<tr>
<td>KWLD 0115</td>
<td>Intro to Welding and Lab Safety 10</td>
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<tr>
<td>KWLD 0125</td>
<td>Oxy-acetylene (OAW) 100</td>
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<tr>
<td>KWLD 0135</td>
<td>Shielded Metal Arc (SMAW) 360</td>
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<tr>
<td>KWLD 0145</td>
<td>Gas Metal Arc (GMAW) 160</td>
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<tr>
<td>KWLD 0165</td>
<td>Blueprint Reading for Welders 100</td>
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<td>KWLD 0170</td>
<td>Flux Cored Arc (FCAW) 170</td>
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<td>KWLD 0180</td>
<td>Gas Tungsten Arc (GTAW) 140</td>
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<td>KWLD 0190</td>
<td>Math for Welders 100</td>
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<td>KWLD 0290</td>
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<td>TOTAL HOURS</td>
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WELDING, FOCUSED CERTIFICATE
Taylorsville Redwood Campus

PROGRAM DESCRIPTION
Each course in this program is a basic introduction to welding skills in different welding processes. Students learn basic hands-on welding skills and are given an introduction to various welding applications, equipment and blueprint reading. It prepares students for entry-level employment with companies who are willing to train employees to be proficient after employment. Those who wish to become more proficient in a variety of welding procedures should choose the longer Welding Certificate of Completion program.

<table>
<thead>
<tr>
<th>COURSES</th>
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<tbody>
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<td>KWEI 0017</td>
<td>Introduction and Safety 15</td>
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<td>KWEI 0027</td>
<td>Shielded Metal Arc Weld 30</td>
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<td>KWEI 0057</td>
<td>Gas Tungsten Arc Welding 20</td>
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<td>KWEI 0067</td>
<td>Oxy-Acetylene Welding 20</td>
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<td>KWEI 0077</td>
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<td>KWRK 0315</td>
<td>Job-seeking Skills 15</td>
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<td>TOTAL HOURS</td>
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</tr>
</tbody>
</table>

MEDIA & WEB DESIGN TECHNOLOGY

GRAPHIC DESIGNER CERTIFICATE OF COMPLETION
Instructor: Robert Udy
Taylorsville Redwood Campus

Students enrolled in this program are provided with opportunities to learn entry-level job skills in the welding processes most commonly used in today’s industries. Instruction and practice are provided in oxy-acetylene, shielded-metal-arc, gas-metal-arc, flux-cored-arc and gas-tungsten-arc welding. Theory and applications of these processes are also taught, encompassing both ferrous and non-ferrous metals. Safety and safe practices are emphasized throughout the program. Additional instruction is provided in mathematics for welding and blueprint reading. Students will have the opportunity to learn techniques for welder performance qualifications and certification testing. Thermal cutting and gouging techniques using oxy-fuel, plasma-arc and arc-air processes are also covered.

Enrollment is also available for students with specific interests. For example, students may wish to improve their job skills by upgrading their competencies in specific welding processes or application or prepare for AWS, ASME, API performance certifications. For these types of activities, students may meet with an instructor to determine the number of scheduled hours needed before enrolling.

<table>
<thead>
<tr>
<th>COURSES</th>
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<tbody>
<tr>
<td>KMDT 0020</td>
<td>Graphic Design Applications 90</td>
</tr>
<tr>
<td>KMDT 0030</td>
<td>Design Principles 90</td>
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MEDIA & WEB DESIGN TECHNOLOGY

SCHOOL OF APPLIED TECHNOLOGY

SLCC 2010-2011 GENERAL COLLEGE CATALOG 295
KMDT 0310 Image Editing 90
KMDT 0340 Computer Illustration 90
KMDT 0350 Desktop Publishing Applications 90
KMDT 0371 Electronic Portfolio 90
KWRK 0515 Job-seeking Skills 15

ELECTIVE: CHOOSE AT LEAST 90 HOURS
KBA1 0110 Computer Literacy 90
KMDT 0140 Web Design Animation 90
KMDT 0160 Media Design Introduction 90
KMDT 0180 Desktop Publishing Fund 90

TOTAL PROGRAM HOURS 645

MEDIA DESIGN TECHNOLOGY CERTIFICATE OF COMPLETION
Instructor: Kelly Albers
South City Campus

PROGRAM DESCRIPTION
The Media Design Technology program prepares students for entry level employment in the Media Technology field by demonstrating theory, communication, and fundamental skills necessary to become employed in the Media industry, and mastery of job-seeking skills. The Media Design Technology program instructs students on how businesses communicate employeess, customers, and other businesses through printed material, websites, electronic presentations, videos, and other related media. Students will learn how to use leading computer applications to prepare these messages. The program also teaches the theory and fundamentals of developing effective communication pieces in each media format. Students can choose to focus on one or more disciplines or learn skills in several different multimedia fields in predation for employment.

COURSES
KMDT 0110 Media Design Introduction 90
KMDT 0120 Graphic Design Applications 90
KMDT 0131 Design Principles 90
KMDT 0350 Image Editing 90
KMDT 0361 Design & Internet Tech 90
KMTH 0010 Math I 60
KWRK 0400 Workplace Relations 60
KWRK 0515 Job-seeking Skills 15

CHOOSE AT LEAST 690 HOURS
KBA1 0110 Computer Literacy 90
KMDT 0140 Computer Illustration 90
KMDT 0160 Media Ethics and Law 30
KMDT 0311 Web Design Fundamentals 120
KMDT 0320 Web Design Authoring 120
KMDT 1140 Web Design Animation 90
KMDT 0371 Electronic Portfolio 90
KMDT 0390 Interactive Media Scripting 90
KMDT 0420 Web Applications Scripting I 120
KMDT 0430 Web Applications Scripting II 120
KMDT 0300 Desktop Publishing Fundamentals 90
KMDT 0310 Desktop Publishing Applications 90
KMDT 0320 Video Production I 90
KMDT 0330 Video Production II 90

TOTAL HOURS: 1,275

WEB SITE DESIGNER
CERTIFICATE OF COMPLETION
Instructor: Kelly Albers
South City Campus

PROGRAM DESCRIPTION
The Web Site Designer program is designed to provide the student with the necessary skills to design, create, and publish dynamic interactive web sites using the latest industry standard web design authoring software. The courses in this program will provide the student with skills to produce professional user-friendly web sites that incorporate efficiency of design, and ease of maintenance. The Web Site Designer program also provides comprehensive training in software applications and skills to prepare the student for employment doing web design tasks in a variety of organizational settings.

COURSES
KMDT 0120 Graphic Design Applications 90
KMDT 0131 Design Principles 90
KMDT 0311 Image Editing 90
KMDT 0320 Web Design Authoring 120
KMDT 1140 Web Design Animation 90
KMDT 0371 Electronic Portfolio 90
KWRK 0515 Job-seeking Skills 15

PROFESSIONAL DRIVING

PROFESSIONAL TRUCK DRIVING CTE CERTIFICATES
Instructors: Rick Dalton, Ken Medell, William Tovar
Meadowbrook Campus

The Professional Truck Driving Department offers a variety of training options for students wishing to work in the transportation industry. All students must participate in a random
drug-testing program either through SLCC or, if company sponsored, through the company’s drug-testing program. People between the ages 18 or older may obtain a CDL for driving within the state of Utah (intra-state). People over 21 years of age may obtain a CDL for driving between the 50 states (interstate). When hiring, most companies, for insurance reasons, require applicants to be 23 years of age. Most Diesel Systems Technology Technicians working in the field are required to have a CDL driver’s license.

PREREQUISITES
Motor Vehicle Report (MVR) for current driving record, available from Driver’s License Division, with no DUIs within the past two years; current Department of Transportation (DOT) medical card available from personal physician or health clinic; participation in a random drug testing program; Class A CDL learner’s permit. If a student fails a drug test at anytime during the program, the student will be immediately dismissed. In order to re-enroll in a truck driving program, the student must verify successful completion of a mutually agreed upon drug rehabilitation program in consultation with the School of Applied Technology Director of Student Services.

SPECIAL REQUIREMENTS
Most companies require drivers to show an ability to lift at least 75 pounds and be able to pass a background check.

DEPENDING ON THEIR NEEDS AND EXPERIENCES, STUDENTS ARE GIVEN THE FOLLOWING TRAINING CHOICES:

280-HOUR PROGRAM CERTIFICATE
With this option, students begin by studying for the CDL written test needed to obtain a Commercial Driver’s License (CDL) learner’s permit. Once the Learner’s permit is obtained, the student receives further classroom, shop and lab instruction, which introduces them to the vehicle and trailer inspections and minor repairs. Students receive intensive behind-the-wheel instruction including backing skills, safety, and extreme driving conditions. An integral part of this instruction is the life skills component, which introduces students to life on the road and map reading. Students will also receive instruction in safely loading and unloading cargo, including an introduction to fork-lift and pallet-jack operation. Students are also given the choice of completing a cooperative externship/internship with a local driving company or honing their driving experience with the department instructor. Students will also participate in an employment workshop.

COURSES
- KPDR 0210 CDL Written Test Preparation 16
- KPDR 0220 Log Books/Map Reading 10
- KPDR 0230 Life Skills for Drivers 8
- KPDR 0240 Vehicle Inspections 8
- KPDR 0250 Loading/Off-Loading Safety 8
- KPDR 0260 Vehicle Maintenance 32
- KPDR 0270 Backing Skills 32
- KPDR 0280 Shifting Skills 14
- KPDR 0300 Introductory Driving Experience 14
- KPDR 0310 Safe Driving Observations 98
- KPDR 0290 Employment Workshop 0-10

ELECTIVES (CHOOSE ONE):
- KPDR 0320 Local Driving Externship 40
- KPDR 0330 Extended Driving Experience 40

TOTAL PROGRAM HOURS 280

160-HOUR PROGRAM CERTIFICATE
This shorter program is designed for people who have had experience driving professionally in the past (Class A or B license) and/or who have obtained their CDL learner’s permit. Instruction includes introduction to professional driving, vehicle inspection on tractor and trailers, over-the-road instruction, control systems and maneuvering skills, and safety.

COURSES
- KPDR 0400 Log Books/Map Reading 8
- KPDR 0410 Life Skills for Drivers 8
- KPDR 0420 Vehicle Inspections 8
- KPDR 0420 Vehicle Maintenance 16
- KPDR 0430 Backing Skills 20
- KPDR 0440 Shifting Skills 12
- KPDR 0450 Driving Experience 24
- KPDR 0460 Safe Driving Observation 64
- KPDR 0290 Employment Workshop 0-10

TOTAL PROGRAM HOURS 160

COMMERCIAL DRIVER’S LICENSE (CDL) UPGRADE
This course helps people who have had previous truck driving experience prepare for the CDL road test. Individuals interested in the course must have all the required documents: a current driving record (no DUIs within the past two years), a CDL license or learner’s permit, and a current Department of Transportation (DOT) medical card. Individuals must be willing to participate in the SLCC random drug testing program.

PREREQUISITES
- Previous Class A or B driving experience required
- Current driving record (no DUIs within the past two years)
- CDL license or learner’s permit
- Current Department of Transportation (DOT) medical card
- Participation in a random drug testing program.
- Meet with the Truck Driving Department coordinator to determine the number of training hours needed.

SKILLED SERVICE TECHNOLOGY

AIR-CONDITIONING/HEATING/CTE REFRIGERATION CERTIFICATE OF COMPLETION
Instructor: George Lange
Meadowbrook Campus

This program is designed to prepare students for future employment in the heating, ventilation, air conditioning, and refrigeration (HVACR) industry. The program consists of 6 major sections with required core training and elective courses designed to allow students to determine which area of the HVACR industry they would like to specialize in.

Throughout training students will be given the opportunity to demonstrate, thereby certifying, their skills by participating in nationally recognized tests which provide “Employment Ready” certifications. “Employment Ready” certifications confirm the student’s grasp of the critical skills needed for entry-level technicians in the HVACR industry. The following is a general overview of the program.

1. The 20-hour occupational safety course provides safety training as applied to the HVACR industry. The 10-hour safety training in this course is designed to meet the OSHA basic safety certification.
2. Green Energy efficiency awareness training is emphasized in all functions of the program with a review section that provides basic understanding of energy conservation and its role in the future of the HVACR industry. Green Mechanical Counsel (GMC) third-party certification is available.

3. Electrical theory and lab exercises provide essential building code and troubleshooting training specific to the HVACR industry.

4. Service of multiple types of heating equipment is introduced with emphasis on combustion equipment safety and maximizing operating efficiency. Training includes meeting the requirements to complete the Rocky Mountain Gas Association (RMGA), Carbon Monoxide Safety Association (COSA), and HVAC Excellence (ESCO) “Employment Ready” third-party certifications.

5. Refrigeration theory and lab exercises focus on the basic fundamentals of residential and commercial equipment service and prepares students for the EPA 608 (CFC certification) and R410A certification which are industry required certifications to use these refrigerants. “Employment Ready” certifications confirm the student’s understanding of core fundamentals and chosen elective options designed to fit the specific training needs of the students. Optional EPA 609 (Automotive Refrigeration) training is available with the elective options of automotive and transportation systems refrigeration training.

6. Students will complete a final capstone project under the direction of the instructor. The purpose of which demonstrates their accomplishments throughout the program. The project will emphasize improved energy efficiency concepts and focus on a specific area of the student’s own personal interest. The project may require students to utilize resources in the local HVACR community outside of the classroom to complete this challenge.

NOTE: Students who successfully complete this program may wish to continue their career opportunities by continuing their training through the SLCC Apprenticeship program. Contact the SLCC Apprenticeship office for more information.

CERTIFICATION
The following certifications are available to students. Some certifications are required; others are optional.

- Occupational Safety and Health Administration (OSHA): 10-hour construction trades certification (required)
- Rocky Mountain Gas Association (RMGA): Combustion Gas (RMGA) certification (required)
- ESCO Institute – HVAC Excellence “Employment Ready” certifications (ERC) (optional depending on electives)
  - Electrical Service ERC
  - Refrigeration and Air Conditioning ERC
  - Heat Pump ERC
  - Gas Appliances ERC
  - Oil Systems ERC
  - Combustion Analysis and Energy Efficiency ERC
- Carbon Monoxide Association (COSA) thru ESCO Institute: Carbon Monoxide and Combustion Safety (COSA) certification (optional depending on electives)
- Green Mechanical Counsel (GMC) thru ESCO Institute: Green Mechanical Awareness (GMC) certification (optional)
- EPA 608 (Chloro-Fluoro-Carbon-CFC) Refrigerant Certification thru ESCO Institute (required)
- EPA 609 (Automotive CFC) Refrigerant certification thru ESCO Institute (optional)
- Air Conditioning and Refrigeration Safety Coalition (AC&R) thru ESCO institute: R410A Refrigerant Safety (AC&R) certification (optional)

ELECTIVES (CHOOSE TWO)

- ESCO Institute: R410A Refrigerant Safety (AC&R) certification
- Green Energy Systems
- Electrical Applications
- HVAC Fundamentals
- Applied Combustion Theory
- Applied Refrigeration Theory
- Automotive A/C Service
- Residential HVAC Systems
- Capstone Project
- Employment Workshop

TOTAL HOURS 960

AUTOMOTIVE GENERAL SERVICE TECHNICIAN CERTIFICATE OF PROFICIENCY
Instructor: Jon Longo
Miller Automotive Training Center

PROGRAM DESCRIPTION
The Automotive General Service Technician program is designed to give students the foundation skills needed by an entry-level automotive technician on all types of automobiles and light trucks. Students must be able to learn and keep up with new advances in technology within the automotive industry. Students who complete their program will acquire the necessary skills to diagnose and repair mechanical and electrical systems on the latest models of automobiles and light trucks. They will learn general shop safety and operation, customer service, use of hand and power tools, basic knowledge of all general automotive systems, automotive electricity and electronics, and preventive maintenance and general services in a hands-on, shop environment.

COURSES CLOCK HOURS
KACC 0220 Electrical Applications 140
KACC 0230 HVAC Fundamentals 20
KACC 0240 Applied Combustion Theory 80
KACC 0250 Applied Refrigeration Theory 70
KACC 0260 Automotive A/C Service 10
KACC 0300 Residential HVAC Systems 160
KACC 0500 Capstone Project 80
KACC 0290 Employment Workshop 0-10

AUTOMOTIVE TECHNICIAN CERTIFICATE OF PROFICIENCY
Instructor: Jon Longo
Miller Automotive Training Center

PROGRAM DESCRIPTION
Automotive Technicians service and maintain all types of automobiles and light trucks. Students must be able to learn and keep up with new advances in technology within the automotive industry. Students who complete their program will acquire the necessary skills to diagnose and repair mechanical and computer controlled electronic and electrical systems on the latest models of automobiles and light trucks. They will learn to diagnose and repair all vehicle systems in a hands-on, shop environment. They will become familiar with engine performance, disc and drum brake systems, ABS and non-ABS braking systems, ignition systems, chassis electrical systems, suspension and steering systems, all aspects of tire and wheel management systems, drive train components including: universal joints, constant velocity joints, drive shafts and clutches.
HEAVY DUTY DIESEL MAINTENANCE TECHNICIAN
CERTIFICATE OF PROFICIENCY
Meadowbrook Campus

PROGRAM DESCRIPTION
The Heavy Duty Diesel Maintenance program prepares students for entry-level positions in diesel equipment service and repair shops. Students learn basic safety and shop skills to perform preventive maintenance and inspections, repair different brake systems, and adjust and maintain suspension and steering systems. Students are required to learn basic computer and math skills needed in the service environment.

COURSES CLOCK HOURS
KBA1 0102 Basic Comp Skills 30
KHVT 0035 Safety and Shop Skills 60
KHVT 0010 Prev Maint & Inspection 90
KHVT 0005 Heavy Duty Brakes 60
KMTH 0010 Math I 60
KHVT 0015 Suspension and Steering 120
KWRK 0400 Workplace Relations 60
KWRK 0715 Job Seeking Skills 15
TOTAL HOURS 525

HEAVY DUTY TECHNICIAN
CERTIFICATE OF PROFICIENCY
Meadowbrook Campus

PROGRAM DESCRIPTION
Completion of the Heavy Duty Diesel Technician program will equip students with a comprehensive knowledge of diesel engines and other technologies related to maintaining and repairing diesel-powered vehicles and other similar systems.

COURSES CLOCK HOURS
KACK 0141 Computer Concepts/Windows 30
KHVT 0035 Safety and Shop Skills 60
KHVT 0010 Preventive Maintenance and Inspection 90
KHVT 0030 Electrical/Electronic Systems 120
KHVT 0015 Suspension and Steering 120
KHVT 0005 Heavy Duty Brakes 90
KHVT 0020 Heavy Duty HVAC 120
KHVT 0040 Hydraulics I 60
KHVT 0060 Drive Trains 90
KHVT 0025 Diesel Engines 210
KACK 0130 Customer Service/Life Skills 60
KWRK 0715 Job Seeking Skills 15
TOTAL HOURS 1065

AUTOMOTIVE UNDERCAR TECHNICIAN
CERTIFICATE OF PROFICIENCY
Instructor: Jon Longo
Miller Automotive Training Center

PROGRAM DESCRIPTION
The Undercar Technician program is designed to give students the foundation skills needed by an entry-level automotive technician on all types of automobiles and light trucks. Students must be able to learn and keep up with new advances in technology within the automotive industry. Students who complete their program will acquire the necessary skills to diagnose and repair mechanical, steering and suspension, and brake systems on the latest models of automobiles and light trucks. They will learn general shop safety and operation, customer service, use of hand and power tools, basic knowledge of all general automotive systems, automotive disc and drum brake systems, ABS and non-ABS braking systems, suspension and steering systems, all aspects of tire and wheel management systems, and preventive maintenance and general services in a hands-on, shop environment.

COURSES CLOCK HOURS
KATO 0010 Introduction and Safety 30
KATO 0111 Practical Shop Applications 80
KATO 0131 Preventative Maint & Service I 130
KATO 0041 Brake Systems I 50
KATO 0131 Brake Systems II 50
KATO 0131 Brake Systems III 50
KATO 0211 Steering and Suspension I 40
KATO 0211 Steering and Suspension II 70
KATO 0211 Steering and Suspension III 70
KBA1 0102 Basic Comp Skills – Prof 30
KWRK 0400 Workplace Relations 60
KATO 0020 Math for Automotive Techs 60
KWRK 0715 Job Seeking Skills 15
TOTAL HOURS 775
COURSE ABBREVIATIONS

COURSE DESCRIPTIONS

NOTE: CR. INDICATES CREDITS AWARDED.
HRS. INDICATES CLOCK HOURS
### COURSE ABBREVIATIONS

**COURSE NUMBERING INFORMATION**
Courses at Salt Lake Community College are identified by an alphabetic prefix (two to four letters) followed by a four-digit number. Numbers beginning with a “1” generally indicate a course designed primarily for freshmen (such as ENGL 1010); numbers beginning with a “2” generally indicate courses designed primarily for sophomores (such as MATH 2010); numbers beginning with a “0” are non-transferable (such as DE 0900).

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**COURSE NUMBERING INFORMATION**

Courses at Salt Lake Community College are identified by an alphabetic prefix (two to four letters) followed by a four-digit number. Numbers beginning with a “1” generally indicate a course designed primarily for freshman (such as ENGL 1010); numbers beginning with a “2” generally indicate courses designed primarily for sophomores (such as MATH 1010); numbers beginning with a “0” are non-transferable (such as DE 0900.)

Courses at Salt Lake Community College are identified by an alphabetic prefix (two to four letters) followed by a four-digit number. Numbers beginning with a “1” generally indicate a course designed primarily for freshman (such as ENGL 1010); numbers beginning with a “2” generally indicate courses designed primarily for sophomores (such as MATH 1010); numbers beginning with a “0” are non-transferable (such as DE 0900.)

Courses at Salt Lake Community College are identified by an alphabetic prefix (two to four letters) followed by a four-digit number. Numbers beginning with a “1” generally indicate a course designed primarily for freshman (such as ENGL 1010); numbers beginning with a “2” generally indicate courses designed primarily for sophomores (such as MATH 1010); numbers beginning with a “0” are non-transferable (such as DE 0900.)

Courses at Salt Lake Community College are identified by an alphabetic prefix (two to four letters) followed by a four-digit number. Numbers beginning with a “1” generally indicate a course designed primarily for freshman (such as ENGL 1010); numbers beginning with a “2” generally indicate courses designed primarily for sophomores (such as MATH 1010); numbers beginning with a “0” are non-transferable (such as DE 0900.)
ACCT 1110  FINANCIAL ACCOUNTING I  3 CR.
An introduction to the concepts and methods underlying the preparation of financial statements using generally accepted accounting principles. Topics covered include the accounting cycle, cash, and inventories.

ACCT 1115  FINANCIAL ACCOUNTING I WORKSHOP  1 CR.
Prereq: Concurrent with ACCT 1110. An optional supplement to ACCT 1110. It will review topics covered in ACCT 1110 including the accounting cycle, cash, and inventories.

ACCT 1120  FINANCIAL ACCOUNTING II  3 CR.
Prereq: ACCT 1110. A continuation of concepts and methods used in the preparation of financial statements using generally accepted accounting principles. Topics covered include receivables, plant and equipment, liabilities, and business entities.

ACCT 1125  FINANCIAL ACCOUNTING II WORKSHOP  1 CR.
Prereq: Concurrent with ACCT 1120. An optional supplement to ACCT 1120. It will review topics covered in ACCT 1120 including receivables, plant and equipment, liabilities and business entities.

ACCT 1280  ACCOUNTING INFORMATION SYSTEMS I  3 CR.
Prereq: ACCT 1110, CIS 2410 or concurrent. An applications approach to classifying, recording, summarizing and reporting transactions encountered in a typical business. Payroll and payroll tax reporting will also be emphasized using both manual and computerized systems.

ACCT 2000  ACCOUNTING CO-OP EDUCATION  1 TO 4 CR.
Prereq: Complete 2 semesters in Accounting program. Offers supervised work experience in an industrial or governmental environment related to accounting. Credit is awarded for successful completion of specific learning objectives that provide new learning related to accounting.

ACCT 2010  SURVEY OF FINANCIAL ACCOUNTING  3 CR.
A broad view of accounting's role in providing information to external users of financial information. The primary focus is the use of financial statements by investors, creditors and other entities outside of the organization.

ACCT 2015  SURVEY FIN ACCOUNTING WORKSHOP  1 CR.
Prereq: Concurrent with ACCT 2010. An optional supplement to ACCT 2010. It will review topics covered in ACCT 2010 with a primary focus on the use of financial statements by investors, creditors, and other entities outside of the organization.

ACCT 2020  MANAGERIAL ACCOUNTING  3 CR.
Prereq: ACCT 1110 or ACCT 2010 & CIS 1020 or competency test. A broad view of accounting's role in providing information to support the internal decision-making organization. The primary focus is management's use of accounting information.

ACCT 2050  GOVERNMENTAL ACCOUNTING  3 CR.
Prereq: ACCT 1110. Covers essentials of fund accounting, the structure used by governments. Government-fund types, proprietary funds, fiduciary funds, fixed asset and long-term debt account groups, and budgeting for revenue funds are covered.

ACCT 2310  INTERMEDIATE ACCOUNTING I  4 CR.
Prereq: ACCT 1280. Provides an in-depth study of financial theory and practice. Topics include the accounting cycle, financial statement preparation, revenue recognition and income determination, current assets, current liabilities and time value of money.

ACCT 2410  INTERMEDIATE ACCOUNTING II  4 CR.
Prereq: ACCT 2310. A continuation of ACCT 2310. Topics include property, plant & equipment, investments, debt securities, leases, deferred taxes, stockholder's equity, accounting changes and error corrections, and financial statement analysis.

ACCT 2510  ACCOUNTING INFORMATION SYSTEMS II  3 CR.
Prereq: ACCT 1120 (or concurrent), ACCT 1280. A continuation of ACCT 1280 using a second fully integrated accounting package. The use of electronic spreadsheets in the accounting discipline will also be emphasized.

ACCT 2520  FEDERAL INCOME TAX  3 CR.
Prereq: ACCT 1120 or ACCT 2010. An introduction to federal and state income taxation for individuals, corporations and partnerships. The student will become familiar with current income tax laws and preparation of returns for the majority of taxpayers.

ACCT 2530  COST ACCOUNTING  3 CR.
Prereq: ACCT 1230. Covers the basic principles of cost accounting systems used in the manufacturing and service industries. Topics include job and process cost systems, activity-based costing methods, standard costing, budgeting and reporting.

ACCT 2540  ACCOUNTING IN PRACTICE  3 CR.
Prereq: ACCT 2410 or concurrent w/ACCT 2410. Introduces the theoretical and practical applications of preparing accurate and complete accounting records and reports. Principles of internal control and generally accepted accounting principles will be emphasized by participation in relevant case studies.

ACCT 2990  CURRENT TOPICS IN ACCOUNTING  1 TO 3 CR.
Prereq: Variable to topic or project. Presents a forum where students will be introduced to topics of current interest and demand in the field of accounting. Topics studied will vary from semester to semester. Special project is required.

ACR 1100  METALLURGY/NONSTRUCTURAL PARTS  5 CR.
Prereq: Concurrent with ACR 1111. This is a course in analysis and repairs of non-structural component parts and assemblies found in the construction of modern unibody and frame type vehicles.

ACR 1111  NON-STRUCTURAL SKILL/APPL DEV  7 CR.
Prereq: Concurrent with ACR 1100. This is a lab class for repairs of damaged non-structural parts. See ASE task list for more information. It concurs with ACR 1100 theory.

ACR 1199  SPECIALTY TRAINING  1 TO 7 CR.
Prereq: Previous SLC training and industry experience. Industry specific training for Collision Repair Technicians.

ACR 1200  STRUCTURAL ANALYSIS/DAMAGE REPAIR  5 CR.
Prereq: Concurrent with ACR 1100, ACR 1111, concurrent w/ACR 1200. A course in analysis and repair of structural component parts and assemblies found in the construction of modern unibody and frame type vehicles.

ACR 1211  STRUCTURAL DAMAGE REPAIR  7 CR.
Prereq: ACR 1100, ACR 1111, Concurrent with ACR 1200. The analysis and repair of structural component parts and assemblies found in the construction of modern unibody and frame type vehicles.

ACR 1299  SPECIALTY TRAINING  1 TO 7 CR.
Industry specific specialized training. This course is taught as requested by industry.

AERO 1010  FOUNDATIONS OF USAF I  1 CR.
Prereq: Concurrent with AERO 1110. This course focuses on development, organization and doctrine of the United States Air Force, emphasizing strategic force requirements.

AERO 1011  FOUNDATIONS OF USAF II  1 CR.
Prereq: Concurrent with AERO 1111. This class analyzes the development and organization of the United States Air Force, defensive forces, general purpose forces and tactical air forces.

AERO 1110  GENERAL MILITARY LEADERSHIP LAB I  1 CR.
Prereq: Concurrent with AERO 1010. This course studies and reviews Air Force standards, customs and courtesies. Students are also introduced to drill and ceremonies in today's Air Force.

AERO 1111  GENERAL MILITARY LEADERSHIP LAB II  1 CR.
Prereq: Concurrent with AERO 1011. This course studies and reviews Air Force standards, customs and courtesies. Students are also introduced to drill and ceremonies in today's Air Force.

AERO 2010  AIR POWER HISTORY I  1 CR.
Prereq: Concurrent with AERO 2110. This course traces the development of various concepts of air power employment, emphasizing factors that have prompted research and technological change.

AERO 2011  AIR POWER HISTORY II  1 CR.
Prereq: Concurrent with AERO 2111. This course further traces the development of various concepts of air power employment, emphasizing factors that have prompted research and technological change.

AERO 2110  GENERAL MILITARY LEADERSHIP LAB III  1 CR.
Prereq: Concurrent with AERO 2010. This course prepares students to apply Air Force standards, customs and courtesies within this service branch. Drill and ceremonies leadership, along with an introduction to review and honors are discussed.

AERO 2111  GENERAL MILITARY LEADERSHIP LAB IV  1 CR.
Prereq: Concurrent with AERO 2111. This course examines various Air Force standards, customs and courtesies. Drill and ceremonies leadership, introduction to review and honors also are discussed.
ANTH 1140 AIRCRAFT ELECTRICAL/HARDWARE 8 CR.
Technical information & laboratory projects necessary for the practical application and understanding of theories, principles and concepts of basic electricity, ground operation and servicing, materials and processes, and basic physics.

ANTH 1160 AVIATION TECHNICIAN MATH 3 CR.
Designed to provide students with training in basic mathematical applications to provide math skills necessary to solve job related problems. Review of basic math, algebra and geometry.

ANTH 1220 AIRFRAME SYSTEMS I 8 CR.
Prereq: AMTT 1120, AMTT 1140. Technical information and laboratory projects necessary for the practical application & understanding of theories, principles, & concepts of sheet metal, aircraft finishes, wood structures, aircraft covering, and welding.

ANTH 1240 AIRFRAME SYSTEMS II 8 CR.
Prereq: AMTT 1120, AMTT 1140. Theory and practical application of communication and navigation, aircraft electrical systems, aircraft fuel systems, assembly and rigging, and fire protection systems.

ANTH 1260 AIRFRAME SYSTEMS III 8 CR.
Prereq: AMTT 1120, AMTT 1140. Theory & practical application of aircraft landing gear, hydraulic and pneumatic, cabin atmosphere control, ice and rain control, position & warning, and aircraft instrument systems.

ANTH 2320 AIRFRAME INSPECTION 8 CR.
Prereq: AMTT 1120, AMTT 1140, AMTT 1220, AMTT 1240, and AMTT 1260. Theories, principles, and concepts of reciprocating engine principles, engine instruments, induction and engine airflow systems, engine exhaust and reverse systems, engine fire protection, and engine cooling.

ANTH 2340 POWERPLANT SYSTEMS 8 CR.
Prereq: AMTT 1120, AMTT 1140. Theories, principles, and concepts of fuel metering, engine electrical systems, ignition and starting systems, engine fuel systems, and lubrication systems.

ANTH 2420 RECIPROCATING ENGINES 8 CR.
Prereq: AMTT 1120, AMTT 1140. Theory and practical application of reciprocating engines, and propellers.

ANTH 2440 POWERPLANT INSPECTION 8 CR.
Prereq: AMTT 1120, AMTT 1140, AMTT 2320, AMTT 2340, and AMTT 2420. Technical information and laboratory projects necessary for the practical application and understanding of theories, principles, and concepts of turbine engines,ducted fans, auxiliary power plants, and engine inspection.

ANTH 2990 SPECIAL STUDIES 1 TO 5 CR.
Prereq: Instructor's approval. Theory and practical application of a specific subject area taken within a course to complete program or license requirements.

ANTH 1010 CULTURE & HUMAN EXPERIENCE (ID) 3 CR.
This course offers an introduction to the field of cultural anthropology; a study of diverse living peoples throughout the world. Emphasis is on understanding the similarities and differences of diverse cultures. In addition, the course introduces cultural anthropology as a subfield of anthropology that studies contemporary societies.

ANTH 1030 INTRODUCTION TO ARCHAEOLOGY (ID) 3 CR.
Survey course offers an introduction to modern archeological techniques, methods and theories for reconstruction of past life ways in order to understand cultural adaptation to various environments.

ANTH 1500 FIELD EXPERIENCE 1 TO 2 CR.
A formal field-based introduction to historic and prehistoric cultures. The issues of archaeological resource preservation will be discussed. The relationship of anthropology to other scholarly disciplines will be presented & illustrated.

ANTH 1900 SPECIAL STUDIES-ANTHROPOLOGY 1 TO 3 CR.
This course is designed to explore special topical and/or subjects related to the study of anthropology. The course should be considered a more specialized and individualized learning experience in an area of anthropology.

ANTH 2011 PEOPLE & CULTURES OF SW (HU) 3 CR.
This course offers an introduction to the diverse peoples of the American Southwest. The course will examine the cultures of the Hopi, Navajo and Ute people.

ANTH 2120 SACRED TRADITIONS (HU) 3 CR.
This course focuses on structural and psychological approaches to the study of indigenous sacred narratives, stories derived from oral traditions, and cultural events that invite symbolic analysis.

ANTH 2500 FIELD SCHOOL 1 TO 4 CR.
A formal field-based introduction to the historic and prehistoric cultures and the techniques of field work anthropologists & others scholars use to generate knowledge about cultures. Includes basic architectural survey/excavation techniques, recordation techniques, and the collection of artifacts.

ANTH 2900 SPECIAL TOPICS IN ANTHROPOLOGY 1 TO 3 CR.
The course is an intermediate field techniques course, designed to advance student knowledge of survey, excavation, recording and fieldwork organization.

APP 1470 MATH FOR THE TRADES (Q) 5 CR.
This is a customized course in applied mathematics for the trades including algebraic and trigonometric functions.

AR 1100 AUTOMOTIVE REFINISHING 5 CR.
Prereq: Concurrent with AR 1111. A course in the preparation and application of base and top coats on damaged vehicles for finish coating.

AR 1111 REFINISHING SKILL DEVELOPMENT 7 CR.
Prereq: Concurrent with AR 1100. Skill development of surface prep and painting competencies. Lab class covers ASE task requirements.

AR 1199 SPECIALTY TRAINING 1 TO 7 CR.
Industry specific training for refinishers. Class is taught at the request of industry.

AR 1200 ADVANCED AUTO REFINISHING 5 CR.
Prereq: AR 1100, AR 1111 w/AR1211. This is a theory course for advanced refinishing procedures and techniques including color matching and multi-stage finishes. See ASE task list for more information.

AR 1211 ADVANCED SKILL DEVELOPMENT 7 CR.
Prereq: AR 1111, AR 1200 with AR 1200. This is a lab class to develop skills in advanced painting and finishing competencies. See ASE task list for more information.

AR 1230 AUTO COLOR AND DESIGN THEORY 2 CR.
Airbrush theory and Lab covering image of color in design and lettering techniques.

AR 1299 SPECIALTY TRAINING 1 TO 7 CR.
Prereq: Previous SLCC training and industry experience. Industry specific training for Automotive Refinishers.

ARB 1010 BEGINNING ARABIC I 5 CR.
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in the Arabic culture. Lab attendance is required.

ARB 1020 BEGINNING ARABIC II (LN) 5 CR.
Prereq: ARB 1010, or permission of instructor. Second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in the Arabic culture. Lab attendance is required.

ARB 1300 BEGINNING CONVERSATION/ARABIC 1 CR.
Prereq: ARB 1010, or instructor's approval. Beginning Arabic Conversation is intended to practice previously-acquired conversation skills to increase speaking ability and vocabulary. Attendance in lab is required. Course may be repeated for credit.

ARB 1900 SPECIAL STUDIES IN ARABIC 1 TO 2 CR.
Prereq: instructor's approval. Students plan areas of study, service learning or travel & work with the instructor on an individual basis. Topics may be in language or culture. Lab may be required. May be repeated for credit.

ARB 2010 INTERMEDIATE ARABIC I 4 CR.
Prereq: ARB 1020 or instructor approval. Second-year Arabic courses increase functional language ability focusing on listening, speaking, reading, writing as well as increased focus on culture (philosophies, history, geography, literature, etc) Lab attendance is required.
ARB 2020 INTERMEDIATE ARABIC II 4 CR.
Prereq: ARB 1020, or instructor's approval. Second-year Arabic courses increase functional language ability focusing on listening, speaking, reading, writing as well as increased focus on culture (philosophies, history, geography, literature, etc) Lab attendance is required.

ARB 2300 INTERMEDIATE CONVERSATION 1 CR.
Prereq: ARB 1020, or instructor's approval. Intermediate Arabic Conversation is intended to practice previously-acquired conversation skills to increase speaking ability and vocabulary. Attendance in lab is required. Course may be repeated for credit.

ARB 2900 SPECIAL TOPICS IN ARABIC 1 TO 3 CR.
This is a course designed by faculty which allows students to explore specific interests in Arabic language and culture. Lab attendance required. May be repeated for credit.

ARCH 1010 INTRODUCTION TO DESIGN PROFESSIONS 3 CR.
The study of the roles that designers play in society & what job markets are available in the areas of architecture, CAD, construction management, architectural history, landscape architecture, and interior design.

ARCH 1100 INTRODUCTION TO ARCH. DRAWING 3 CR.
Students will learn to design and produce architectural drawings used in residential projects. Practical hand drafting skills in the production of floor plans, sections, details, elevations and schedules.

ARCH 1120 CIVIL DRAFTING 3 CR.
Prereq: ARCH 1320. The study of the various types of civil drafting: plans, cadastral maps, contour maps, profiles, road design, cut-and-fill and site layout. Includes mapping terminology symbols and standard formats. Taught using Micro Station.

ARCH 1130 BASIC DRAWING 3 CR.
Practical skills in the fundamentals of drawing and freehand sketching. Graphic media such as pencil, pen, charcoal and ink will be explored. Instruction will focus on the use of light, shadow, texture, contour and form.

ARCH 1210 RESIDENTIAL CONSTRUCTION 5 CR.
Prereq: ARCH 1010, ARCH 1320. Residential construction techniques are analyzed from site planning to finish construction. Building codes, estimating, and specifications are discussed as they relate to methods and materials of residential construction common to Utah.

ARCH 1310 INTRODUCTION TO AUTOCAD 3 CR.
Prereq: Computer literacy or instructor's approval. Students gain the practical knowledge in the use of AutoCAD that is essential in producing architectural drawings. This course includes hands-on applications. Simple drawings will be produced.

ARCH 1320 BASIC MICROSTATION 2 CR.
This course teaches drafting skills using Micro Station CAD system. Geometric construction, projection, dimensioning, sectioning, software set-up and directory organization will be discussed.

ARCH 1350 COMPUTER GRAPHICS 3 CR.
Prereq: Computer Literacy or instructor's approval. Studies include the manipulation of scanned and digital images, desktop publishing, digital presentations and web page designs. Various computer software will be used to promote the ideas and designs of architects and designers.

ARCH 1510 ARCHITECTURAL DESIGN WORKSHOP 3 CR.
Prereq: ARCH 1310 or concurrent. This course will develop visual awareness & basic abstract design principles. Balance, symmetry, repetition, order variety, uniformity, proportion, motif and color will be introduced with various generic and abstract projects.

ARCH 2060 CONSTRUCTION DOCUMENTS 3 CR.
Prereq: ARCH 1010 or instructor's approval. Provides the foundation required for the interpretation of construction documents including drawings & specifications. This course prepares students for CSI’s Construction Document Technician Examination.

ARCH 2140 STEEL DETAILING 4 CR.
Prereq: ARCH 2200. Studies include calculating loads and stresses on simple steel structures, design connections, and detail drafting required for fabrication. Students will learn appropriate safety factors and industry standards.

ARCH 2150 ARCHITECTURAL GRAPHICS 3 CR.
Prereq: ARCH 1130. Course explores the preferred hand presentation techniques used with both two & three-dimensional drawings in architectural design. Students will experience the jury process, peer review & learn skills needed to prepare portfolios.

ARCH 2210 COMMERCIAL CONSTRUCTION 5 CR.
Prereq: ARCH 1210 or BCCM 1010. Basic materials and installation methods for commercial construction are studied. These include site work, concrete, masonry, curtain-walls, steel, doors, window finishes, and an overview of codes.

ARCH 2220 BUILDING STRUCTURES I 3 CR.
Prereq: MATH 1010 or instructor's approval. The study of wood and steel as structural elements in building systems. Students will learn the structural characteristics of steel & wood, calculate loads, & size joists, beams, girders and columns.

ARCH 2240 APPLIED STRUCTURES 4 CR.
A survey of the fundamental principles, technology, and drawings related to building HVAC systems, electrical distribut. practices, artificial lighting systems, vertical transportation, & emphasis on the architects' involvement, covers both residential/commercial applications.

ARCH 2310 MODELING/RENDERING/ANIMATION I 3 CR.
Prereq: ARCH 1310. Digital modeling is presented as an essential tool for architectural design, visualization, and presentation. Principles are stressed so that acquired skills can be used with any modeling, rendering and animation software.

ARCH 2320 MODELING/RENDERING/ANIMATION II 3 CR.
Prereq: ARCH 2310. Skills developed in ARCH 2310 are enhanced with new techniques and intermediate and advanced skills. Presentation skills are also developed through advanced projects.

ARCH 2330 CAD CUSTOMIZATION 3 CR.
Prereq: ARCH 1310 or EDDT 1000 or instructor approval. Basic customization of AutoCAD software will be discussed and practiced as it applies to industry. Emphasis will be placed on developing AutoCAD tools and skills that will save time and improve productivity.

ARCH 2350 ADVANCED ARCHITECTURAL CAD 3 CR.
Prereq: ARCH 1310, ARCH 2350. Students will develop their CAD skills and use specific 3D architectural oriented software with AutoCAD. Design and construction documentation will be examined.

ARCH 2450 CONSTRUCTION MANAGEMENT 5 CR.
Prereq: ARCH 1210 or ARCH 1370. This course covers planning, scheduling & construction of a project house using sub-contractors. Includes the study & use of bar charts, CPM & arrow networking, business ownership, bidding, contracts, bonds, insurance & labor laws.

ARCH 2460 CONSTRUCTION ESTIMATING 2 CR.
Prereq: ARCH 1210 or BCCM 1010. Material take-offs, labor cost estimates, sub-contractor bids, equipment costs, price extensions and competitive bidding, with and without the use of the computer, will be covered in this class.

ARCH 2470 CODES, ZONING & INSPECTIONS 2 CR.
This course is the study of current building codes and an overview of zoning regulations. This course will help with inspections for code enforcement and compliance, occupancy classifications, area limitations & life-safety regulations.

ARCH 2510 RESIDENTIAL DESIGN CAD 5 CR.
Prereq: ARCH 1210, ARCH 1310. Provides a study of light frame construction techniques and production of residential construction drawings using CAD software. Students produce a professional set of presentation and construction drawings of a residential structure.

ARCH 2520 COMMERCIAL DESIGN CAD III 5 CR.
Prereq: ARCH 2210, ARCH 2510. Examines commercial construction materials, techniques & the production of construction drawings using CAD software. Students will produce a professional set of presentation and construction drawings of a commercial structure.

ARCH 2910 PROFESSIONAL PORTFOLIO 1 CR.
Prereq: ARCH 1350. Intensive training and guidelines for Architecture students in the development of Architecture Portfolios for presentation as required by University admissions and job applications.

ARCH 2990 SPECIAL STUDIES 1 TO 20 CR.
Prereq: Instructor’s approval. This course is designed so the student can work on special individualized projects under the supervision of the instructor.

ART 1010 EXPLORING ART (FA) 3 CR.
Introduces visual art to the non-major. Provides historical perspective of visual art development. Study of major principles, elements, media, and techniques. Non-judgmental art project, reading, writing, required.
ART 1020  INTRODUCTION TO DRAWING (NON-MAJ)/(FA)  3 CR.  
An introductory drawing course for non-majors. Line, shape, perspective and light logic will be discussed. Using these techniques, students will develop their drawing skills. Some reading and writing will be required.

ART 1040  JEWELRY: CULTURE & CREATION (FA)  3 CR.  
Jewelry has been a factor in the culture of many civilizations. This course teaches art and construction techniques. Students will design and create several unique jewelry pieces during the class using various techniques.

ART 1050  INTRODUCTION TO PHOTOGRAPHY (FA)  3 CR.  
Examines the important contributions of photography and photographers in the field of art. Explains basic functions of a 35mm camera, which is required. Limited darkroom experience. For non-art majors.

ART 1060  HIST/ART LETTERING/CALLIGRAPHY (FA)  3 CR.  
A study of the development of lettering throughout history. Several historic alphabets are studied & written. Various writing fluids & papers are explored. An introduction to lettering is part of this course.(Extra cost for supplies.)

ART 1110  FOUNDATION I DRAWING  4 CR.  
This course introduces methods of accurate line drawing, linear perspective, use of geometric shapes & cross-contour to clarify form. Light logic and various perspective devices will be used to create the illusion of 3-D volume.

ART 1120  DESIGN  3 CR.  
Students will be introduced to the basic principles (balance, rhythm, emphasis, unity) and elements (line, shape, texture, space, size, value, color) of design. All VAD majors are required to take this class.

ART 1135  PRINTING FUNDAMENTALS (OFFSET)  3 CR.  
This is a hands-on class in which students will produce actual printed items. Printing history, printing processes, terminology; art preparation, photo reproduction, prepress, bindery, paper, inks and related items will be covered.

ART 1150  ART FOUNDATION SEMINAR (HR)  2 CR.  
Theory & practice of human relations in art work environments. Self-concept, interpersonal skills, teamwork, communication, networking, conflict resolution, career development, cross-cultural & gender relations, portfolio development.

ART 1170  ANIMATION I  5 CR.  
Prereq: ART 1110 and instructor approval. This course offers an intense study of the fundamental principles of animation, of motion and body mechanics, and their application in creating believable character motion. This course has a very heavy emphasis on drawing.

ART 1210  MATH FOR VISUAL ARTS (GS)  3 CR.  
This course covers basic math functions required of visual artists including fractions, decimals, percentages. Concepts specific to working with computers and scanners will be addressed.

ART 1230  TYPOGRAPHY & LAYOUT  3 CR.  
Prereq: ART 1200, or W/ ART 1200, ART 1120, or W/ ART 1120. This course combines the study of typography with the fundamentals of layout. Students will study the history of letters and learn to identify various typefaces. They will solve layout problems using design principles and type.

ART 1240  SCREEN PRINTING  3 CR.  
Students will create designs that they will prepare and print using a direct emulsion stencil. They will learn screen preparation and stencil application. Most projects will be printed on paper.

ART 1250  AIRBRUSH  3 CR.  
This curriculum will include basic use and skill with airbrush, application to a variety of rendering problems including simple dimensional forms and objects and multi-color masking.

ART 1260  FIGURE DRAWING  3 CR.  
Prereq: ART 1110. This course will introduce figure structure, including proportions, basic forms, methods of construction and analysis. Also included: gesture, contour, light and shade.

ART 1280  PHOTOSHOP SOFTWARE/DESIGN  3 CR.  
Design, Illustration, Electronic Publishing students should take this course. Students learn the skills, tools and procedures needed to create basic to intermediate Adobe Photoshop documents for print and non-print media.

ART 1310  PHOTOGRAPHY I  4 CR.  
Discussion and operation of film and digital SLR cameras, along with film and digital lab techniques. Fully adjustable digital or film SLR camera and other photo equipment required.

ART 1320  PHOTOGRAPHIC VISION  3 CR.  
Prereq: Concurrent with ART 1310 or ART 1350. Photographic expression and composition is explored through shooting and printing assignments. Emphasis is placed on creative exploration and visual arrangement of photographic composition. Various films and processes will be discussed.

ART 1340  PHOTOGRAPHIC EQUIPMENT & TECHNIQUES  4 CR.  
Prereq: ART 1310 and ART 1380 or W/ ART 1380. Introduces students to medium format, large format and high-end digital camera equipment, hot and strobe lighting equipment, lighting modulators, and the film, and computer equipment required to create imagery.

ART 1375  PHOTOGRAPHING DIVERSITY (FA/DV)  3 CR.  
Prereq: ART 1570 or ART 1590 w/ C grade or better. Study and photographically document social issues relating to non-dominant cultures, minorities, societies, biases and privileges. Study contributions made by photographers/artists relating to historic and contemporary diversity issues. (Fully adjustable film or digital camera required.)

ART 1380  PHOTOGRAPHY II  4 CR.  
Prereq: ART 1310. A continuation of Photography I, w/emphasis on producing high quality images through advanced camera controls and the applied aesthetics of photography. A digital or film SLR camera is required.

ART 1530  BEGINNING PAINTING-WATERCOLOR  3 CR.  
This course will focus on the introduction and exploration of watercolor techniques. Composition and design will be discussed. The subject matter will include still life and occasional outdoor studies.

ART 1540  BEGINNING PAINTING-OIL  3 CR.  
This course will focus on the introduction and exploration of oil painting techniques. Composition and design will be discussed. The subject matter will include still life and occasional outdoor studies.

ART 1600  BEGINNING POTTERY  3 CR.  
This course is an introduction to the use of the potter’s wheel. Beginning students become familiar with terms, tools and techniques used to create functional objects with the potter’s wheel.

ART 1650  INTERMEDIATE POTTERY  3 CR.  
Prereq: ART 1600. This course is a further examination of pottery techniques. Students refine skills and develop a working knowledge of glazes, kiln and hand-building techniques.

ART 1670  ANIMATION II  4 CR.  
Prereq: ART 1170 and instructor approval. This is a continuation of ART 1170. Animations will emphasize character performance and lip-sync. It also introduces story and the pre-production pipeline in planning a short animated film.

ART 1800  DIGITAL MEDIA ESSENTIALS  4 CR.  
Introduction to software & hardware used to create multimedia productions. Hands-on experience using hardware, software to create 2D/3D graphics, sound, animation, & video. Discussion of the multimedia market, copyright, & ethics in mass media.

ART 1810  INTERME. PHOTO/MULTIMEDIA  2 CR.  
Prereq: ART 1800. Class required for Multimedia emphasis students. A continuation of Photoshop skills learned in ART 1800. Photoshop will be used to create maps for use in 3D animation, and graphics for web design and digital video production.

ART 1900  SPECIAL PROJECT  1 - 4 CR.  
Prereq: Instructor approval. This course is a Special Project study course. Any of the VAD courses can be used as curriculum. This is to be done on an individual need basis. With approval of the instructor.

ART 2000  VISUAL ART CO-OP EDUCATION  1 - 5 CR.  
Prereq: Sophomore standing with a minimum GPA of 2.0, study-related employment working at least 20 hours per week, education, or a member of the staff. This is supervised work experience in a business, industrial or government environment related to the program major. Credit is awarded for successful completion of specific objectives that provide new learning related to the major and on the approval of the director of cooperative.
ART 2010 HISTORY OF VISUAL ART & DESIGN 3 CR.
This course examines visual art from ancient civilizations to the present including graphic design. Emphasis is on the context in which new movements appear and how fine art and graphic design are related.

ART 2050 CARTOONING 2 CR.
Prereq: ART 1120, ART 1260. Cartoon structure, gestural character design for use in illustration, graphic design and computer imaging. Facial expressions, caricature, background and props will be discussed. An intensive course with some color projects.

ART 2080 VAD INTERNSHIP 1 – 3 CR.
Prereq: Instructor approval and second-year status. Students may elect to participate in visual arts internships through approved employers. Students learn practical work experience as it applies to their career in the visual arts.

ART 2110 FOUNDATION II DRAWING 4 CR.
Prereq: ART 1110 or ART 1020. This course is a continuation of the study of value through the use of paint and other mediums. Fundamentals of color theory, color mixing, and painting techniques are explored.

ART 2120 ELECTRONIC DESIGN AND PUBLISHING 3 CR.
This course teaches electronic publishing using Microsoft Publisher (or other layout software) and Adobe Acrobat. Electronic documents contain links, web addresses, movies, & sounds to create marketing pieces, product catalogs, e-brochures and e-forms.

ART 2140 ADV PHOTOSHOP SOFTWARE/DESIGN 2 CR.
Prereq: ART 1250 or ART 1810 or ART 2340 or instruct approval. This course is for all VAD majors wishing to perfect advanced features and skills specific to graphic design application. Students will create and rework portfolio pieces.

ART 2210 ILLUSTRATION I 3 CR.
Prereq: ART 1110 or w/ART 2110 or instructor permission. Various black and white and color media will be introduced to develop editorial and advertising illustration techniques with emphasis on composition, drawing, creativity, exploration of techniques.

ART 2220 ADVANCED DESIGN 3 CR.
Prereq: ART 1230. This course builds upon previous Design, Typography and Layout classes as well as introduces students to corporate identity and collateral design problems. Students will produce portfolio and art show quality work.

ART 2230 ADVANCED TYPOGRAPHY & LAYOUT 3 CR.
Prereq: ART 1230. This course is a continuation of ART 1230. Students will explore the design aspects & possibilities inherent in typography as well as more complex layout problems. Students will produce portfolio and art show quality work.

ART 2240 PACKAGE DESIGN 3 CR.
Prereq: ART 1230. This course will cover design considerations for basic packaging. Packaging fundamentals and basic materials and processes will be introduced. Projects may include hang tags, bags, boxes, cylinders, or point-of-purchase displays.

ART 2260 ADV. FIGURE DRAWING 2 CR.
Prereq: ART 1260. This is a continuation of ART 1260. More emphasis will be placed on composition and interpretative approaches to drawing the human form.

ART 2270 ILLUSTRATION II 3 CR.
Prereq: ART 2210 or instructor permission. In-depth development of editorial/advertising illustration will be covered as well as skills using various black and white and color media. Students will produce original art with both traditional and digital media.

ART 2280 ADVERTISING WORKSHOP 2 CR.
Prereq: ART 1230. This course introduces students to product/service promotion and advertising. Students will gain a basic understanding of the components of an advertising agency, strategies, media choices, budgets, production analysis, proposals & presentations.

ART 2290 ADVANCED ILLUSTRATION 2 CR.
Prereq: ART 2270 or instructor permission. Creation of an Illustration Portfolio, w/ a minimum of 8 well-presented finished examples that show pictorial evidence of skill and personal style in chosen medium from the broad spectrum of media reviewed.

ART 2300 ALTERNATIVE PHOTOGRAPHY 3 CR.
Prereq: ART 1380. An exploration of a variety of non-traditional photographic processes and techniques. Emphasis is placed on applying these techniques to individual artistic photographic expression and creating a fine-art portfolio.

ART 2310 STUDIO PHOTOGRAPHY 4 CR.

ART 2320 DOCUMENTARY PHOTOGRAPHY 3 CR.
Prereq: ART 1380. The study of photographic documentary and photojournalism techniques and applications for visual communication. Emphasis placed on the emotional impact of photographic images. Professional ethics will be addressed.

ART 2330 A HISTORY OF PHOTOGRAPHY 3 CR.
Prereq: ART 1030 or ART 1310. Introduce and explore various historic and contemporary photographers, events, styles and techniques to gain a better understanding of photography as a high-art and a powerful form of visual communication.

ART 2340 PHOTOSHOP FOR PHOTOGRAPHERS 3 CR.
Prereq: ART 1380. Utilize Adobe Photoshop, Camera Raw processing to produce images specific to photography. Emphasis on digital workflow, color spaces, ICC profiles, image scans, file types, shortcuts, digital printing and output.

ART 2350 PHOTOGRAPHERS’ PORTFOLIO 3 CR.
Prereq: ART 2310. Discussion and techniques of taking informal, formal, and environmental portraits, including discussions about candid photography. Students will learn to work on location and in the studio. Technical and aesthetic aspects of photographing people will be addressed.

ART 2360 NATURE PHOTOGRAPHY 3 CR.
Prereq: ART 1380. Explores the principles, philosophies, history, technical aspects and business practices of nature photography. Includes both in-class and on-location image capture assignments.

ART 2370 PHOTOGRAPHY BUSINESS PRACTICES 3 CR.
Prereq: ART 2310. Students develop self-promotional marketing strategies, learn professional photographic business practices such as usage rights, billing and writing a simple business plan.

ART 2375 PHOTO PORTFOLIO DEVELOPMENT 3 CR.
Prereq: ART 2310, suggest w/ART 2370. This course provides advanced photography students additional time and instructional guidance in portfolio development and presentation. Students practice personal portfolio direction and image selection. Suggest w/ART 2370.

ART 2380 ADV. STUDIES IN PHOTOGRAPHY 4 CR.
Prereq: ART 2310 with C or better. Students refine skills learned in previous photography classes. Emphasis placed on understanding advanced applications and the development of a personal style and direction. Students work in the studio and on location.

ART 2412 ILLUSTRATOR SOFTWARE 3 CR.
Prereq: Students will create original design, layout, & illustration using Adobe Illustrator vector software. Production issues for print & web media presented. Design, illustration, and multimedia majors are required to take ART 2412.

ART 2420 ADVANCED ILLUSTRATOR SOFTWARE 2 CR.
Prereq: ART 2412 or instructor permission. For VAD students (2nd yr. status best) or working artists who wish to create/rework portfolio pieces. Advanced use of Adobe Illustrator, and interface with the following: Photoshop, In-Design, Flash. Six original projects required.

ART 2440 WEB SITE DESIGN 3 CR.
Prereq: ART/COMM/EBT 1800 or ART 1280. Students learn the knowledge and skills needed to build and manage professional web sites using Dreamweaver & Fireworks. Students create interactive web sites, graphics, animation, and advanced styling using HTML, CSS, & JavaScript.

ART 2470 DESKTOP VIDEO PRODUCTION 2 CR.
Prereq: ART 1810 or ART 1280 or ART 2340. This is an introduction to non-linear digital video editing and production using Adobe Premiere. Video design, planning, equipment and terminology will be presented.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 2480</td>
<td>COMPUTER ILLUSTRATION</td>
<td>2 CR.</td>
<td>Prereq: ART 1800.</td>
<td>Students use drawing &amp; design skills learned previously to create illustrations on the computer. Media such as watercolor and oils will be simulated using Painter. Students will be required to create a minimum of 3 portfolio quality images.</td>
</tr>
<tr>
<td>ART 2490</td>
<td>ADVANCED DRAWING</td>
<td>2 CR.</td>
<td>Prereq: ART 1110 or instructor's approval.</td>
<td>This course continues all work begun in other computer graphics classes. Students pursue their own direction in the production of finished projects.</td>
</tr>
<tr>
<td>ART 2520</td>
<td>ADVANCED PAINTING</td>
<td>2 CR.</td>
<td>Prereq: ART 1350 or portfolio review by instructor.</td>
<td>A continuation of ART 1350. Further development of various watercolor techniques and composition. Students are encouraged to develop their own unique talent. Maturation and experimentation of aesthetic philosophy are expected.</td>
</tr>
<tr>
<td>ART 2540</td>
<td>ADVANCED PAINTING - OIL</td>
<td>3 CR.</td>
<td>Prereq: ART 1450. A continuation of beginning oil.</td>
<td>Further development of oil painting techniques. Composition and color are emphasized.</td>
</tr>
<tr>
<td>ART 2560</td>
<td>FIGURE PAINTING</td>
<td>3 CR.</td>
<td>Prereq: ART 1110 and ART 1260 or instructor approval.</td>
<td>Students work directly from the model to learn a variety of painting techniques. The course focuses on using the figure as an element in composition and reinforces the skills learned in previous drawing classes.</td>
</tr>
<tr>
<td>ART 2610</td>
<td>MULTIMEDIA AUTHORING</td>
<td>2 CR.</td>
<td>Prereq: ART 2440.</td>
<td>This is a continuation of ART 2440. Flash and Dreamweaver software will be introduced and used to design and prepare Web pages.</td>
</tr>
<tr>
<td>ART 2630</td>
<td>3D ANIMATION (3D MAX)</td>
<td>5 CR.</td>
<td>Prereq: ART 1810 or instructor approval.</td>
<td>Discreet 3D Studio Max is used to create 3D models and animations for multimedia and broadcast video. Emphasis is on model complexity, animation planning, story-board development and creative motion techniques.</td>
</tr>
<tr>
<td>ART 2650</td>
<td>3D ANIMATION II (3-D MAX)</td>
<td>2 CR.</td>
<td>Prereq: ART 2630. A continuation of ART 2630.</td>
<td>3D Studio Max software is used to create models and animation for the film and gaming industries. Complex surface modeling techniques, special effects, materials and skeletal animation techniques will be emphasized.</td>
</tr>
<tr>
<td>ART 2660</td>
<td>3D ANIMATION III (MAYA)</td>
<td>5 CR.</td>
<td>Prereq: ART 1810 or instructor approval. Mayavi is used to create models and animation for the film/gaming industries. Emphasis is on working in a production atmosphere to create high-quality digital art. Complex surface modeling techniques, special effects, materials, &amp; skeletal animation techniques will be emphasized.</td>
<td></td>
</tr>
<tr>
<td>ART 2680</td>
<td>MULTIMEDIA PRODUCTION</td>
<td>3 CR.</td>
<td>Prereq: ART 1810 or instructor approval.</td>
<td>Popular software (Director) is learned to produce interactive multi-media projects delivered onto CD ROM.</td>
</tr>
<tr>
<td>ART 2800</td>
<td>ANIMATION III DIGITAL STUDIO</td>
<td>3 CR.</td>
<td>Prereq: ART 1670 and approval.</td>
<td>This is a continuation of ART 1670. Using traditional and Software skills students will plan and produce a short animation. Projects will emphasize the production and post production studio tools and procedures.</td>
</tr>
<tr>
<td>ART 2900</td>
<td>VISUAL ART AND DESIGN SEMINAR</td>
<td>1 – 3 CR.</td>
<td>Prereq: Instructor's approval.</td>
<td>Students may elect to participate in visual arts seminars and workshops, which may include travel. There may be additional costs.</td>
</tr>
<tr>
<td>ART 2910</td>
<td>PHOTO FIELD TRIP WORKSHOP</td>
<td>3 CR.</td>
<td>Prereq: Instructor approval.</td>
<td>Multiple-day, off-campus field trip relating to photographic studies. Students tour world-class galleries/museums, attend private displays of historic and contemporary art, perform photographic work, keep a Reflective Journal.</td>
</tr>
<tr>
<td>ART 2940</td>
<td>SPECIAL TOPICS IN DESIGN</td>
<td>1 – 6 CR.</td>
<td>Prereq: Instructor approval.</td>
<td>This course allows design majors to learn special skills, hone specific skills, learn new software or explore special graphic design topics in a classroom setting.</td>
</tr>
<tr>
<td>ART 2950</td>
<td>SPECIAL TOPICS IN ILLUSTRATION</td>
<td>1 – 6 CR.</td>
<td>Prereq: instructor approval.</td>
<td>This course allows illustration majors to learn special skills or techniques, hone specific skills, learn new software or explore special illustration topics in a classroom setting.</td>
</tr>
<tr>
<td>ART 2960</td>
<td>SPECIAL TOPICS IN ANIMATION</td>
<td>1 – 6 CR.</td>
<td>Prereq: instructor approval.</td>
<td>This course allows animation majors to learn special skills, hone specific skills, learn new software or explore special animation topics in a classroom setting.</td>
</tr>
<tr>
<td>ART 2970</td>
<td>SPECIAL TOPICS IN PHOTOGRAPHY</td>
<td>1 – 6 CR.</td>
<td>Prereq: instructor approval.</td>
<td>This course allows Photography majors to learn special skills or techniques, hone specific skills, learn new software or explore special photographic topics in a classroom setting.</td>
</tr>
<tr>
<td>ART 2980</td>
<td>SPECIAL TOPICS IN MULTIMEDIA</td>
<td>1 – 6 CR.</td>
<td>Prereq: instructor approval.</td>
<td>This course allows Multimedia majors to learn special skills or techniques, hone specific skills, learn new software or explore special topics in a classroom setting.</td>
</tr>
<tr>
<td>ART 2990</td>
<td>ADVANCED INDEPENDENT STUDIES</td>
<td>1 – 3 CR.</td>
<td>Prereq: instructor approval.</td>
<td>After completing all available courses in an area of study, students have the opportunity to pursue advanced study with a faculty member on an individual basis. Students must consult with that faculty member about details &amp; permission.</td>
</tr>
<tr>
<td>ARTH 2520</td>
<td>LATIN AMERICAN ART TO 1821(HU)</td>
<td>3 CR.</td>
<td>Examine visual art from Prehistory to Colonial-era Latin America.</td>
<td>Artworks are critically considered as objects that embody and convey ideas and meanings in the context of their periods and cultures, and within the developments of art over time.</td>
</tr>
<tr>
<td>ARTH 2640</td>
<td>ASIAN ART: BUDDHIST ART</td>
<td>3 CR.</td>
<td>Examine the artistic traditions of Buddhism.</td>
<td>Beginning with the birth of Buddhism in India, the course will follow the development and spread of Buddhist art to China and the rest of Asia.</td>
</tr>
<tr>
<td>ARTH 2700</td>
<td>ASIAN ART: JAPAN</td>
<td>3 CR.</td>
<td>Course focuses on the artistic and cultural traditions of Japan, beginning with the prehistoric Jomon era and continuing to the present.</td>
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</tr>
<tr>
<td>ARTH 2710</td>
<td>ART HISTORY: PREHISTORY-RENAISSANCE (HU)</td>
<td>3 CR.</td>
<td>An examination of visual art forms from Prehistory to the European Renaissance.</td>
<td>Emphasis: developing a comparative understanding of a variety of works (including painting, sculpture, &amp; architecture) from different cultures in context.</td>
</tr>
<tr>
<td>ARTH 2720</td>
<td>ART HISTORY: RENAISSANCE-CONTEMPORARY (HU)</td>
<td>3 CR.</td>
<td>An examination of the visual art forms created from the period of the Renaissance to the Contemporary era.</td>
<td>The study focuses on the aesthetic, cultural, &amp; psychological factors that shape the changes in artistic expressions through time.</td>
</tr>
<tr>
<td>ASLI 1010</td>
<td>BEG. AMERICAN SIGN LANGUAGE</td>
<td>5 CR.</td>
<td>Students are introduced to basic ASL skill, including conversation strategies, spatial referencing and facial expression.</td>
<td>Awareness of Deaf culture is also included. Lab attendance is required.</td>
</tr>
<tr>
<td>ASLI 1020</td>
<td>BEG. AM. SIGN LANGUAGE II (LN)</td>
<td>5 CR.</td>
<td>Prereq: ASLI 1010. Students continue to develop basic ASL skills including classifiers, temporal sequencing, spatial agreement and object identification through description.</td>
<td>Study of Deaf culture is continued. Lab attendance is required.</td>
</tr>
<tr>
<td>ASLI 1200</td>
<td>INTRODUCTION TO INTERPRETING</td>
<td>3 CR.</td>
<td>Prereq: ASLI 1020, with ASLI 1220, 1300 &amp; 2010.</td>
<td>Students examine interpreting philosophies. Focus is on the intercultural and interlingual challenges which may arise during the interpreting process. Students learn and apply the Codes of Professional Conduct and Ethics.</td>
</tr>
</tbody>
</table>
ASLI 1220 COGNITION/DISCOURSE ANALYSIS 3 CR.
Prereq: ASLI 1020, with ASLI 1200, 1300, & 2010. Students learn cognitive processes related to interpreting including ability to concentrate and analyze visual and auditory stimuli. Discourse is analyzed focusing on context, linguistics and culture. Lab required.

ASLI 1300 CONVERSATION I 1 CR.
Prereq: ASLI 1010, if ITP with, ASLI 1200, 1220, & 2010. Students practice currently held conversation skills to increase signing ability and vocabulary. Course includes role-plays, small group activities, and presentations. Lab attendance may be required.

ASLI 1400 CROSS-CULTURAL INTERPRETING 3 CR.
Prereq: ASLI 1200, 1220, 1300, & 2010, with ASLI 1420, 1430 & 2020. Students study the value systems and cultural norms held by American Deaf and mainstream cultures and discuss conflicts which may arise during cross-cultural interactions. Students learn to anticipate and address cultural differences.

ASLI 1420 CONSECUTIVE INTERPRETING 3 CR.
Prereq: ASLI 1200, 1220, 1300 & 2010, with ASLI 1400, 1430, & 2020. Students work to integrate components skills of prepared and spontaneous consecutive interpretation. Students learn to shift register and vary their language production. Lab attendance is required.

ASLI 1430 LINGUISTICS OF ASL 3 CR.
Prereq: ASLI 2010, for ITP with, ASLI 1400, 1420, & 2020. Students learn more about American Sign Language by studying linguistics research on ASL. Students will learn ASL phonology, morphology, syntax, semantics and sociolinguistics.

ASLI 1900 SPECIAL STUDIES 1 TO 3 CR.
Prereq: Instructor's approval. This course is special studies in language or culture. Students plan their areas of study and work with the instructor on an individual basis.

ASLI 2010 INT. AMERICAN SIGN LANGUAGE I 5 CR.
Prereq: ASLI 1020. The third in a series of four, this ASL course focuses on increased functional language ability in survival and social situations. Emphasis is on proficiency. Lab attendance is required.

ASLI 2020 INT. AMERICAN SIGN LANGUAGE II 5 CR.
Prereq: ASLI 2010. The fourth in a series of four, this ASL course focuses on increased functional language ability in survival and social situations. Emphasis is on proficiency and Deaf culture. Lab attendance is required.

ASLI 2200 SIMULTANEOUS INTERPRETING 3 CR.
Prereq: ASLI 1400, 1420, 1430 & 2020, with ASLI 2220, 2250 & 2300. Students transition from consecutive to simultaneous format of interpretation. Focus is on the interpretation of expository texts which occur in group meetings and conference settings. Lab attendance is required.

ASLI 2220 EDUCATIONAL INTERPRETING 3 CR.
Prereq: ASLI 1400, 1420, 1430, & 2020, with ASLI 2220, 2250, & 2300. Students learn the interpreter role in mainstream education and recognize the effects of child development and classroom interaction patterns of interpreting. Students acquire specialized vocabulary and transliterating skills found in the educational setting.

ASLI 2250 MENTORSHIP 2 CR.
Prereq: ASLI 1400, 1420, 1430, & 2020, with ASLI 2220, 2250, and 2300. Students will be immersed in the Deaf community and interpreting profession through service learning opportunities, with the goal of improving ASL skills, while broadening understanding of the community & profession in which they will work.

ASLI 2300 CONVERSATION II 1 CR.
Prereq: ASLI 1020 & 1050, if ITP with, ASLI 2220, 2250, & 2300. Students practice their ASL conversation skills to increase signing ability and vocabulary on a variety of subjects and registers. The course includes small group activities and class presentations. Lab attendance may be required.

ASLI 2400 PRACTICUM 3 CR.
Prereq: ASLI 2200, 2220, 2250, & 2300, with ASLI 2410. This course provides a minimum of 90 contact hours field experience interpreting in a supervised educational, community, or other setting. Students will work with a pre-approved certified mentor under the supervision of a practicum advisor.

ASLI 2410 PRACTICUM SEMINAR 1 CR.
Prereq: ASLI 2200, 2220, 2250, & 2300, with ASLI 2410. This course provides students with an open forum to discuss situations arising from interpreter assignments during their practicum and an opportunity to prepare for entering the interpreter field.

ASLI 2900 ASLI SPECIAL STUDIES 1 TO 3 CR.
This is a course designed by faculty which allows students to explore specific interests in American Sign language and culture. Lab attendance is required. May be repeated for credit.

AUTO 1110 AUTO ELECTRICAL & ELECTRONICS 2 CR.
Prereq: Concurrent with AUTO 1111. Entry auto. Teaches relationships of electricity and electronics as it relates to automobiles. Covers Ohm's law, lighting systems, starting, charging, & semi-conductors. Builds foundation for ignition and fuel systems.

AUTO 1111 AUTO ELECT. & ELECTRONICS LAB 4 CR.
Prereq: Concurrent with AUTO 1110. Teaches diagnostic/repair procedures involved in electrical/electronic systems, & practical applications for Ohm's law, hands-on diagnosis/repair of charging, starting, lighting electronic accessories & supplemental restraint systems.

AUTO 1112 AUTOMOTIVE ENGINE REPAIR 2 CR.
Prereq: Concurrent w/ AUTO 1113. Theory of operation of four-stroke gas internal combustion engines. Teaches engine components, design characteristics, systems, subsystems and diagnostic, maintenance and repair procedures.

AUTO 1113 AUTOMOTIVE ENGINE REPAIR LAB 4 CR.
Prereq: Concurrent with AUTO 1112. Teaches diagnostic and repair procedures involved in internal combustion gas engines. Diagnostic and repair procedures covered on live work, mock-ups, components and donated vehicles.

AUTO 1120 AUTO BRAKING SYSTEMS LECTURE 2 CR.
Prereq: Concurrent w/ AUTO 1121. An ASE certified training course covering the theory, functions of repair, service procedures and shop practices of Automotive Braking Systems.

AUTO 1121 BRaking SYSTEMS LAB 4 CR.
Prereq: Concurrent with AUTO 1120. An ASE certified training course covering the theory, functions of repair, service procedures and shop practices of Automotive Braking Systems.

AUTO 1122 AUTOMOTIVE SUSPENSION/STEERING 2 CR.
This is an automotive service excellence certified training course covering the theory and functions of repair and maintenance of automotive suspension and steering systems.

AUTO 1123 AUTO SUSPENSION STEERING LAB 4 CR.
Prereq: Concurrent with AUTO 1122. Lab for AUTO 1122, automotive service excellence certified training course covering functions of repair and maintenance of automotive suspension and steering systems.

AUTO 1199 SPECIAL TRAINING/AUTO 1 TO 15 CR.
Allows the student to acquire additional expertise in a specific automotive application, approved by the instructor.

AUTO 1210 ENGINE PERFORMANCE I 2 CR.
Prereq: AUTO 1110/1111, concurrent with AUTO 1211. A lecture-based class on the diagnosis and repair of today's automotive engine performance and emission-related problems, including but not limited to, the diagnosis and testing of ignition, fuel delivery and emission system problems.

AUTO 1211 ENGINE PERFORMANCE I LAB 4 CR.
Prereq: AUTO 1110/1111, Concurrent with AUTO 1210. In this lab class, the student will apply the knowledge gained in the lecture class to proficiently diagnose and repair engine performance and emission-related problems with the help of stationary and handheld test equipment.

AUTO 1212 ENGINE PERFORMANCE II 2 CR.

AUTO 1213 ENGINE PERFORMANCE II LAB 4 CR.
Prereq: AUTO 1210, AUTO 1211, concurrent with AUTO 1212. An advanced level hands-on course in Engine Performance Diagnostics, Troubleshooting, Testing and Repair.

AUTO 1220 MANUAL TRANSMISSION & AC 2 CR.
Prereq: Concurrent with AUTO 1221. The student will understand A/C systems components, diagnosis and service. Manual transmissions/transaxles and final drive components, diagnosis and service.

AUTO 1221 MANUAL TRANSMISSION & A/C LAB 4 CR.
Prereq: Concurrent with AUTO 1220. The student will demonstrate understanding of A/C systems components, diagnosis and service. Manual transmissions/ transaxles and final drive components, diagnosis and service.
AUTO 1222 AUTOMATIC TRANS & TRANSEXALES 2 CR.
Prereq: Concurrent with AUTO 1223. The student will understand automatic transmissions/transaxle components, diagnosis and service and repair.

AUTO 1223 AUTO TRANS & TRANSEXALES LAB 4 CR.
Prereq: Concurrent with AUTO 1222. The student will demonstrate understanding of automatic transmission/transaxle components, diagnosis, repair and service.

AUTO 1299 AUTOMOTIVE SPECIALTY TRAINING .5 TO 12 CR.
Allow automotive students to acquire additional expertise in a specific industrial automotive application, to be approved by the instructor.

BCCM 1015 BUILDING CONSTRUCTION OVERVIEW 3 CR.
Students receive an overview of a building from start to finish. Students will learn materials, tools & practices used in the construction industry. Topics include framing, concrete, finish work, cabinets, & construction management.

BCCM 1030 CONSTRUCTION SAFETY 2 CR.
Provide students with better understanding of current construction safety. Students will be certified in Powder Actuated tools, Fall Arrest, CPR, First Aid, OSHA-10, ASHO-30, Material Safety Data Sheets (MSDS), and power & hand tools.

BCCM 1045 BEGINNING STRUCTURAL CONSTRUCTION 4 CR.
An instructional & hands-on course for students with little to no concrete or framing carpentry experience. Students will learn to form and place the footings and foundation and frame an entire structure.

BCCM 1100 CONSTRUCTION MATH (GIS) 3 CR.
This is a course in mathematical operations and their practical application to solving trade problems. Percent, decimals, fractions, powers and triangle trigonometry will be used for calculations of areas, volumes and sizes.

BCCM 1110 BIRTH OF A FLUTE (FA) 3 CR.
Students will use wood as an artistic medium to create a professional Native American style flute. This course introduces students to flute origins, history, design, symbolism, music and its relevance to Native American culture.

BCCM 1145 BEGINNING INTERIOR FINISHES 4 CR.
An instructional & hands-on course for students with little to no interior finish experience. Students will learn how to install doors, casing, base and shelving. Tile, hardwood floors, handrails & drywall are also covered.

BCCM 1150 BLUEPRINT READING 3 CR.
This course will include study of architectural symbols and terms, relationships of views and sections. It includes a study of plans & specifications of residential & commercial construction. Includes code compliance and details.

BCCM 1200 PERSONAL PROJECTS 3 CR.
This course will allow students to plan a special project in an area of personal interest. Students will use the shop & tools of the trade to build projects of their own design. Safety is taught along with the correct use of equipment.

BCCM 1225 BEGINNING WOODS & MILLWORK 4 CR.
Introduction to the basic principles of woodworking theory. Equipment safety, project design & hardware selection, cut-listing, cut-out, assembly & finish techniques specific to classroom project. Hands-on application of skills learned.

BCCM 1245 BEGINNING CABINETMAKING 4 CR.
An instructional & hands-on course for students with little or no cabinet-making experience. Students are taught the safe operation of typical shop equipment. Students participate in building custom cabinets for the current project home.

BCCM 2000 BUILDING CONSTRUCTION CO-OP 3 TO 5 CR.
This is a supervised work experience in business, industrial or government environment related to the program major. Credit is awarded for completion of specific objectives that provide new learning experiences related to the major.

BCCM 2045 ADVANCED STRUCTURAL CONSTRUCTION 4 CR.
An instructional & hands-on course for students who have some previous concrete and framing carpentry experience. Students will learn & perform the more technical aspects of building footings, foundations, and framing.

BCCM 2050 CONCRETE THEORY 3 CR.
Prereq: BCCM 1010 OR ARCH 1210. Students will learn about concrete technology, materials, carpentry, material science and codes associated with concrete will be included.

BCCM 2120 FURNITURE TECHNOLOGY 3 CR.
This course develops students' understanding of the principles of furniture construction. The methods used for applications and styles of furniture are included.

BCCM 2145 ADVANCED INTERIOR FINISHES 4 CR.
An instructional & hands-on course for students with previous interior finish experience. Students will learn & perform the more technical aspects of interior finishes including tile and hardwood floors.

BCCM 2200 CONSTRUCTION OFFICE MANAGEMENT 3 CR.
Prereq: All BCCM 1000 level or equivalent. Covers payroll, new hire requirements, liability insurance, workers compensation insurance, book-keeping (using QuickBooks for Contractors), FUTA, unemployment insurance etc. to successfully run a construction business.

BCCM 2210 CONSTRUCTION FIELD MANAGEMENT 3 CR.
Prereq: All BCCM 1000 level required courses OR equivalent in work experience. Covers planning, scheduling, & construction of building projects using sub-contractors. Includes study of critical path management. Students act as project managers & superintendents.

BCCM 2235 ADVANCED CABINETMAKING 4 CR.
An instructional & hands-on course for students with previous cabinet-making experience. Students will learn & perform the more technical aspects of cabinetmaking including advanced machine operations and professional workmanship.

BCCM 2240 CONSTRUCTION ESTIMATING 5 CR.
Prereq: All BCCM 1000 level required courses or equivalent experience. Material take-offs, labor cost estimates, subcontractor bids, equipment costs, price negotiations and competitive bidding, with and without the use of the computer, will be covered in this class.

BCCM 2310 CONSTRUCTION WRITING 3 CR.
This course covers the study of and practice in construction writing. Includes: basic word processing, daily logs, bid proposals, letters, policies, and procedures.

BCCM 2435 INTERMEDIATE WOODS & MILLWORK 4 CR.
Introduction to construction techniques of fine furniture & intermediate woodworking. Emphasis on design using solid wood & int. joinery. Students design jigs, templates & special set-ups. Skill building projects will be assigned.

BCCM 2470 BUILDING CODES & ZONING 2 CR.
Prereq: All BCCM 1000 level required courses or equivalent experience. This course is the study of current building codes and an overview of zoning regulations. This course will help with inspections for code enforcement and compliance, occupancy classifications, area limitations & life-safety regulations.

BCCM 2710 NESTED BASED CNC PROGRAMMING I 3 CR.
Prereq: BCCM 2230, 2260, 2320, 2321, ARCH 1310 or EDDT 1040, CIS 1020 or equivalent computer experience. An introductory look at CNC programming for nested based operations. Students learn the difference between nested based machines and other types of CNC machines. Programming elements such as macros, x/y/z axis, etc. will be taught.

BCCM 2720 NESTED BASED CNC OPERATING I 2 CR.
Prereq: BCCM 2230, 2260, 2320, 2321, ARCH 1310 or EDDT 1040, CIS 1020 or equivalent computer experience, to be taken consecutively to BCCM 2710. An introduction to the basic skills needed to understand how to operate a CNC woodworking machine. Students will learn tooling, maintenance, software operation & proper load/unloading. Students will use programs written in BCCM 2170.

BCCM 2890 SPECIAL STUDIES 1 TO 20 CR.
This course is designed to cover special topics in building construction. This will be developed upon instructor's approval in conjunction with the student.

BIOL 1010 INTRODUCTION TO BIOLOGY (BS) 4 CR.
Prereq: Grade of C or better in RDG 0900 or equivalent CPT/ACT score, Concurrent with BIOL 1011. For non-science majors. The study of living organisms from bacteria to plants and animals. Introduces cell structure and physiology, inheritance, evolution, and classification. Three hours of lecture per week with additional lab component (BIOL 1012) required.

BIOL 1015 INTRODUCTION TO BIOLOGY LAB (BS) 0 CR.
Prereq: Concurrent with BIOL 1010. Required as lab portion of BIOL 1010. Important aspects of biology are illustrated. Laboratory study, experimentation, and analysis illustrating important biological principles. One laboratory session per week.
BIOL 1030 INTRODUCTION TO PLANT BIOLOGY (BS) 4 CR.
Prereq: Grade of C or better in RDG 0900 or equivalent CPT/ACT score, Concurrent with BIOL 1035. For non-science majors. An introduction to plant form, function, and reproduction and a survey of the plant kingdom. Three hours of lecture per week with additional lab component (BIOL 1039) required.

BIOL 1035 INTRODUCTION TO PLANT BIOL. (BS) 0 CR.
Prereq: Concurrent with BIOL 1030. Required as lab portion of BIOL 1030. Important aspects of plant biology are illustrated. Lab activities include: plant anatomy, physiology, life cycles, and a survey of the plant kingdom. One laboratory session per week.

BIOL 1050 INTRODUCTION TO ANIMAL BIOLOGY (BS) 4 CR.
Prereq: Grade of C or better in RDG 0900 or equivalent CPT/ACT score, Concurrent with BIOL 1055. For non-science majors. Topics include: animal classification, evolution, and diversity. Three hours of lecture per week with additional lab component (BIOL 1050) required.

BIOL 1055 INTRODUCTION TO ANIMAL BIOL. (BS) 0 CR.
Prereq: Concurrent with BIOL 1050. Required as lab portion of BIOL 1050. Activities include: use of the microscope, cell structures, evolution, animal development and systematics, and a survey of animal phyla. One laboratory session per week.

BIOL 1070 INTRODUCTION TO MARINE BIOLOGY (BS) 4 CR.
Prereq: Grade of C or better in RDG 0900 or equivalent CPT/ACT score, Concurrent with BIOL 1075. Introductory study of Biology focusing on marine biological systems. Intended for non-science majors. Three hours lecture per week with additional lab component (BIOL 1070) required.

BIOL 1075 INTRODUCTION TO MARINE BIOL. (BS) 0 CR.
Prereq: Concurrent with BIOL 1070. Required as lab portion of BIOL 1070. Students will study marine plants, plankton, invertebrates and vertebrates. One laboratory session per week.

BIOL 1090 HUMAN BIOLOGY (BS) 3 CR.
Prereq: Grade C or better in RDG 0900 or equivalent CPT/ACT score. Focuses on humans as biological entities. Introduces the scientific process, chemical and cellular bases of life, role of DNA in the continuity of life, evolution, and interpersonal relationships among humans and other living organisms. Three hours of lecture per week.

BIOL 1120 INTRODUCTION CONSERVATION BIOL (BS) 3 CR.
Prereq: Grade of C or better in RDG 0900 or equivalent CPT/ACT score. Introductory biology course that focuses on the patterns and processes that create biological diversity. Examines causes and consequences of diversity losses from gene-ecosystems. Also analyzes approaches to preventing diversity loss. Three hours of lecture per week.

BIOL 1610 COLLEGE BIOLOGY I (BS) 4 CR.
Prereq: Grade of C or better in MATH 0990 or equivalent CPT/ACT score AND a grade of C or better in RDG 0900 or equivalent CPT/ACT score. Concurrent with BIOL 1615. For Biology/Science majors and Health Sciences majors. May be used as a prerequisite for any biology class. Content: biological chemistry, cell structure, metabolism, genetics, evolution, and diversity. Three hours of lecture per week with additional lab component (BIOL 1610) required.

BIOL 1615 COLLEGE BIOLOGY I LAB (BS) 0 CR.
Prereq: Concurrent with BIOL 1610. Required as lab component of BIOL 1610 College Biology I. Laboratory observation and experiment to enhance understanding of biological chemistry, cell structure, metabolism, genetics, evolution, and diversity. One laboratory session per week.

BIOL 1617 COLLEGE BIOLOGY I WORKSHOP 1 CR.
Prereq: Concurrent with BIOL 1610. This course is designed to be a supplement to BIOL 1610. Content: biological chemistry, cell structure, metabolism, genetics, evolution, and diversity.

BIOL 1620 COLLEGE BIOLOGY II 4 CR.
Prereq: Grade of C or better in BIOL 1610. Concurrent with BIOL 1625. For Biology/Science majors. Content: evolution, diversity, structure and function of plants, animals, viruses, prokaryotes, Fungi and the protists, plus ecology. Three hours of lecture per week with additional lab component (BIOL 1620) required.

BIOL 1625 COLLEGE BIOLOGY II LABORATORY 0 CR.
Prereq: Concurrent with BIOL 1620. Required as lab portion of BIOL 1620. Laboratory observation and experiment to enhance understanding of evolution, diversity, and ecology. One laboratory session per week.

BIOL 2000 CO-OP EDUCATION 2 TO 4 CR.
Prereq: Sophomore with minimum 2.0 GPA, study-related employment of at least 20 hrs/week and approval of director of cooperative education. Instructor agreement. Work experience in business, industrial, or government environment related to program major. Credit awarded upon completion of specific objectives.

BIOL 2020 CELL BIOLOGY 4 CR.
Prereq: Grade of C or better in BIOL 1610. Concurrent with BIOL 2025. For biology/science majors. Topics covered include cell division, organelle structure and function, gene expression, cytoskeleton, and extracellular matrix. Three hours of lecture per week with additional lab component (BIOL 2020) required.

BIOL 2025 CELL BIOLOGY LAB 0 CR.
Prereq: Concurrent with BIOL 2025. Required as lab portion of BIOL 2020. Introduction to some of the basic lab techniques in modern cell biology. Lab activities include: microscopy, cell fractionation and analysis of cellular components. One laboratory session per week.

BIOL 2030 GENETICS 4 CR.
Prereq: BIOL 1610/1615 (C grade or better), CHEM 1210 (C grade or better), concurrent with BIOL 2035. For biology/science majors. An introduction to the principles of genetics. Topics include: transmission (Mendelian), molecular, and population genetics. Concurrent enrollment in the lab (BIOL 2030) is required.

BIOL 2035 GENETICS LAB 0 CR.
Prereq: BIOL 1610/1615 (C grade or better), CHEM 1210 (C grade or better), concurrent with BIOL 2030. Lab required with BIOL 2030. Hands-on and computer-simulated laboratory investigations of genetic processes. Lab emphasizes data analysis and complements information learned in the lecture. One laboratory session per week.

BIOL 2060 MICROBIOLOGY 4 CR.
Prereq: Grade of C or better in BIOL 1610. Concurrent with BIOL 2065. For HS biology/science majors. A survey of microbiological principles related to human health. Covers taxonomy, cell structure, physiology, and genetics of microorganisms. Three hours of lecture per week with additional lab component (BIOL 2060) required.

BIOL 2065 MICROBIOLOGY LAB 0 CR.
Prereq: Concurrent with BIOL 2060. Required as lab portion of BIOL 2060. Introduces practical aspects of microbiology. Lab activities include: microscopy, cell culture, staining, and techniques for characterizing and identifying bacteria. One laboratory session per week.

BIOL 2220 ECOLOGY 4 CR.
Prereq: Grade of C or better in BIOL 1610. Concurrent with BIOL 2225. For biology/science majors. Introduction to ecological and evolutionary principles, including population interactions, ecosystem structure/function, energy flow, and biogeography. Three hours of lecture per week and additional lab component (BIOL 2220) required.

BIOL 2225 ECOLOGY LAB 0 CR.
Prereq: Concurrent with BIOL 2220. Required as lab portion of BIOL 2220. This lab provides an introduction to ecological methods, measurements, and data analysis. One laboratory session per week.

BIOL 2320 HUMAN ANATOMY 4 CR.
Prereq: Grade of C or better in BIOL 1610. Concurrent with BIOL 2325. For HS and biology/science majors. Introduction to the structure of the human body using a systemic approach. Structural relationships are evaluated by macro and micro-analytical techniques. Three hours of lecture per week and additional lab component (BIOL 2320) required.

BIOL 2325 HUMAN ANATOMY LAB 0 CR.
Prereq: Concurrent with BIOL 2320. Required as lab portion of BIOL 2320. Hands-on evaluation of anatomical structures using microscopes and dissection. Human cadavers, histology slides & human/animal body parts are used as study materials. One laboratory session per week.

BIOL 2327 INSTRUCTIONAL EXPERIENCE IN HUMAN ANATOMY 3 CR.
Prereq: Grade of B or better in BIOL 2320. For Biology/Science or Health Sciences majors. Mentoring students on the structure of the human body. Cell types, tissue types, and the major organ systems, including integumentary, skeletal, muscular, nervous, cardiovascular, endocrine, respiratory, lymphatic, digestive, urinary and reproductive. One hour of lecture, four hours of lab weekly.

BIOL 2350 FIELD STUDIES IN BIOLOGY 1 TO 6 CR.
Prereq: Grade of C or better in BIOL 1610. For biology/science majors. This course provides an introduction to field studies of local ecosystems.
BIOL 2420  HUMAN PHYSIOLOGY  4 CR.
Prereq: Grade of C or better in BIOL 1610. Concurrent with BIOL 2425. For HS and biology/science majors. A cellular and systemic approach to the study of body functions, including physical and chemical processes and interactions among the systems. Three hours of lecture per week and additional lab component (BIOL 2425) required.

BIOL 2425  HUMAN PHYSIOLOGY LAB  0 CR.
Prereq: Concurrent with BIOL 2420. Required as lab portion of BIOL 2420. Hands-on lab investigations of physiological processes. Includes data acquisitions, analysis of cardiovascular, respiratory, digestive, immune & muscular systems. One laboratory session per week.

BIOL 2900  SPECIAL TOPICS IN BIOLOGY  1 TO 5 CR.
Prereq: Defined by instructor. Special topics for students majoring in biology or other science fields. Satisfies BIOL Dept. elective requirement toward AS degree.

BIOL 2990  INDEPENDENT STUDY  1 TO 2 CR.
Prereq: Grade of C or better in BIOL 1610. For biology/science majors. This independent study is based on a student-selected biological topic. It may involve laboratory, field and/or library study.

BLA 1110  BRICKLAYER 1A  5 CR.
This course teaches the basics of brick laying, proper tool handling and safety, layout and course measurements.

BLA 1120  BRICKLAYER 1B  5 CR.
This course presents the basics of block masonry and the proper and safe use of tools and equipment.

BLA 1210  BRICKLAYER 2A  5 CR.
This course covers the joining of materials including brick to block, block to stone, arches, and more.

BLA 1220  BRICKLAYER 2B  5 CR.
This course presents the final math portion of the program as it relates to the masonry trade. Also refractory, which is industrial masonry, with safe use of tools and equipment.

BMAN 1110  INTRODUCTION TO BIOMANUFACTURING (ID)  3 CR.
Provides an introduction to biomanufacturing product manufacturing. Focuses on history of the industry, the required multidisciplinary approach, the details of the manufacturing process, as well as related legal, social, & ethical issues.

BMAN 1120  BASIC BIOMANUFACTURING SKILLS  1 CR.
Prereq: BMAN 1110, concurrent, or instructor's permission. Provides a basic understanding of the core skills required for working in a manufacturing environment typical of biotechnology companies, and reinforces critical thinking skills.

BMAN 1130  BIOENGINEERING IN SOCIETY (ID)  3 CR.
Explores the impact of bioengineering in society by examining: history of the field, multidisciplinary involvement, technological innovations, medical needs addressed, and product design and manufacturing challenges.

BMAN 1150  BIOMANUFACTURING QUALITY SYSTEM AND REGS  3 CR.
Prereq: BMAN 1110 and BMAN 1120, or instructor's permission. Provides thorough understanding of the quality system and regulations associated with biomanufacturing.

BMAN 1180  BIOMANUFACTURING EXPERIENCE  4 CR.
Prereq: BMAN 1110 and BMAN 1120, or instructor's permission. Provides hands-on biotechnology product manufacturing experience, and reinforcement of previously learned concepts, skills, and critical thinking ability.

BMAN 2110  GOOD MANUFACTURING PRACTICES  3 CR.
Prereq: BMAN 1150 and BMAN 1180, or instructor’s permission. Provides foundational knowledge on the good manufacturing practices governing the manufacture of biotechnology products. This is key knowledge to working effectively at biomanufacturing companies.

BMAN 2120  VERIFICATION AND VALIDATION  2 CR.
Prereq: BMAN 1150 and BMAN 1180, or instructor’s permission. Provides theoretical knowledge of verification and validation principles as well as practical hands-on training of general methodologies typically used for verification and validation in a biomanufacturing setting.

BMAN 2130  MEASUREMENT FUNDAMENTALS  2 CR.
Prereq: BMAN 1150 and BMAN 1180, or instructor’s permission. Provides the fundamentals of measurement as well as practical hands-on training to reinforce measurement and calibration concepts and skills typically used in a biomanufacturing setting.

BRC 1101  BARBERING/COSMETOLOGY ORIENTATION LAB I  3 CR.
Prereq: Concurrent with BRC 1102 and BRC 1110. The first of two labs intended to be taken concurrently. Orientation lab for experience. Includes: sanitation, shampoo, scalp and hair treatments, men/women's cuts, styling, perms, coloring, manicures, tapers & shaves.

BRC 1102  BARBERING/COSMETOLOGY ORIENTATION LAB II  3 CR.
Prereq: Concurrent with BRC 1101 and BRC 1110. Second of two labs to be taken concurrently. Orientation lab for practice/experience includes sanitation, shampoo, scalp & hair treatments, men's/women's haircuts, styling, perms, hair coloring, manicuring, men's tapers & shaves.

BRC 1110  BARBERING/COSMETOLOGY ORIENTATION THEORY  4 CR.
Prereq: Concurrent with BRC 1101 and BRC 1102. Course covers Professional development, Chemistry, Permanent Waving, Hair coloring, skin structure and disorders, nail structures and disorders.

BRC 1201  INTRODUCTION TO BARBERING/COSMETOLOGY LAB I  3 CR.
Prereq: BRC 1101, concurrent with BRC 1202 & BRC 1210. The first of two labs to be taken concurrently. Practice & experience in all aspects of hair styling & care, including shampooing, styling, coloring, perms, chemical relaxing, cuts, shaving, tapers, manicures, pedicures, facials, etc.

BRC 1202  INTRODUCTION TO BARBERING/COSMETOLOGY LAB II  3 CR.
Prereq: BRC 1201, concurrent with BRC 1202 and BRC 1210. The second of two labs taken concurrently. Theory of all aspects of men's/women's hairstyling & care, including shampooing, styling, coloring, permanent waving, chemical relaxing, cutting, shaving, tapers, manicures, pedicures, facials & scalp massage.

BRC 1210  INTRODUCTION TO BARBERING/COSMETOLOGY THEORY  4 CR.
Prereq: BRC 1110, concurrent with BRC 1201 and BRC 1202. Theory of all aspects of men's/women's hairstyling & care, including shampooing, styling, coloring, perms, chemical relaxing, cuts, shaving, tapers, manicures, pedicures, facials & scalp massage.

BRC 1470  BARBERING/COSM. MATH (QS)  3 CR.
This course covers the following topics that are necessary in the Cosmetology field: arithmetic, percents, ratios, English and metric systems, length, area, volume, weight, angle, time measurements, finance, and applications.

BRC 2301  INTERMEDIATE BARBERING/COSMETOLOGY LAB I  3 CR.
Prereq: BRC 1201, concurrent with BRC 2302 and 2303. The first of two labs taken concurrently. Contin'l practical experience with shampoos, scalp treatments, manicures, haircutting, styling, perms, coloring, lightening, chemical relaxing, shaves, trichology, pedicures and esthetics.

BRC 2302  INTERMEDIATE BARBERING/COSMETOLOGY LAB II  3 CR.
Prereq: BRC 1202, concurrent with BRC 2301 and BRC 2303. The second of two labs to be taken concurrently. Contin'l practical experience with shampoos, scalp treatments, manicures, haircutting, styling, perms, coloring, lightening, chemical relaxing, shaves, trichology, pedicures, etc.

BRC 2310  INTERMEDIATE BARBERING/COSMETOLOGY THEORY  4 CR.
Prereq: BRC 1210. This course is a discussion of bacteriology, properties and disorders of the hair and scalp, electricity and light therapy, anatomy and physiology. State Board 10 min. facial, and shaving review.

BRC 2401  ADVANCED BARBERING/COSMETOLOGY LAB I  3 CR.
Prereq: BRC 2301, concurrent with BRC 2402 and 2410. Practical application of haircutting, hairstyling, perms, coloring, hair lightening, shampooing and conditioning, chemical relaxing, manicures, scalp treatments, and esthetics.

BRC 2402  ADVANCED BARBERING/COSMETOLOGY LAB II  3 CR.
Prereq: BRC 2302, concurrent with BRC 2401 and 2410. Practical application of haircutting, hairstyling, perms, coloring, hair lightening, shampooing and conditioning, chemical relaxing, manicures, scalp treatments, and esthetics on manikins and clientele.

BRC 2410  BARBERING/COSMETOLOGY STATE BOARD PREP  4 CR.
Prereq: BCR 3110. Course covers professional development, chemistry, permanent waving, hair coloring, skin structures and disorders, nail structures and disorders.

BRC 2710  COLOR PRINCIPLES  2 CR.
Prereq: BRC 1201, BRC 2302, BRC 2310. Exploration of color principles & laws of color. Teaches hair/coloring & correction, lightening, color formulations, natural levels in hair color & gray hair coverage. Demo's/ application of hair color & advanced specialty techniques.

BRC 2810  SALON SUCCESS  2 CR.
Preparation for salon work-communication skills, client consultations, image and positive attitude, client profiles, retailing hair care products, booking appointments, client incentives and retention, job interviewing, team building.
BRC 2860 ETHNIC HAIR 2 CR.
Prereq: MGT 1120, LE 1220, COM 1010, BRC 2710, BRC 2810. This course will explore concepts such as chemical relaxing, soft curl perming, press and curl, ethnic hair products, hair cutting techniques and special needs of various ethnic clients.

BRC 2870 ADVANCED HAIR DESIGN 2 CR.
Prereq: MGT 1120, LE 1220, COM 1010, BRC 2710, BRC 2810. This course is designed to help the students refine their skills to be competitive in a salon. It includes advanced techniques in both men's and women's cutting and styling, and competition styling.

BRC 2990 INDEPENDENT STUDY 0 TO 16 CR.
Prereq: Instructor's approval. This course is designed for those students needing to accumulate additional clock hours upon completion of required course work.

BTEC 1010 INTRODUCTION TO BIOTECHNOLOGY 3 CR.
Prereq: MATH 0990 and RDG 0990 with C grade or better (or equivalent placement). This course teaches students the history, branches, and applications of the biotechnology industry. It also examines the scientific basis for biotechnology products and examines the ethical and legal aspects important in the industry.

BTEC 1015 INTRODUCTION TO BIOTECHNOLOGY LAB 1 CR.
Prereq: MATH 0990 and RDG 0990 with C grade or better (or equivalent placement). This course teaches students fundamental theoretical and practical hands-on knowledge of commonly used instruments, preparation of solutions, reagents, and methodology used in the life science laboratory.

BTEC 1030 BIOTECHNOLOGY SEMINAR 2 CR.
Prereq: BTEC 1010 and BTEC 1015 with C grade or better in both. This course teaches students to search, comprehend, and evaluate scientific literature. Students will develop analytical and communication skills necessary to succeed as a productive team member in the biotech field.

BTEC 1060 NUCLEIC ACID/PROTEIN BIOTECH 2 CR.
Prereq: BTEC 1010 and BIOL 1610. The chemistry of DNA, RNA and proteins will be the foundation for learning about the biological structure, function and analysis of these macromolecules.

BTEC 1080 BIOTECHNOLOGY EXPERIENCE 3 CR.
Prereq: BTEC 1010 and BTEC 1015 with C grade or better in both. This course is an early hands-on research experience in which students conduct research activities. Students apply their knowledge to specific research topics assigned by Biotechnology faculty/staff. Hours are flexible and arranged in collaboration with faculty.

BTEC 2010 APPLIED MOLECULAR BIOLOGY 3 CR.
Prereq: BTEC 1010, BTEC 1015, BIOL 1610 with C grade or better in all prerequisite classes. This course teaches students practical aspects of DNA technology that includes restriction digestion, properties of plasmids, recombinant DNA cloning, gel electrophoresis, the polymerase chain reaction, and protein expression.

BTEC 2020 BIOMOLECULAR SEPARATION AND ANALYSIS 3 CR.
Prereq: BTEC 2010 with C grade or better. Purification and analysis techniques that are applied to biologically active substances are taught. Attention will be given to protein purification and analysis and includes immunological, electrophoretic, and chromatographic technologies.

BTEC 2030 CELL CULTURE 2 CR.
Prereq: BIOL 2010 with C grade or better. Methods of eukaryotic cell culture are taught. Students learn proper techniques to handle, store, and maintain cells in culture. Includes specialized analysis techniques to probe various aspects of cell biology relevant to biotechnology.

BTEC 2040 ADVANCED MOLECULAR METHODS 3 CR.
Prereq: BTEC 2010 with C grade or better. This course teaches advanced concepts used in genetic engineering and analysis of gene expression. These include principles of DNA sequencing, quantitative PCR, mutagenesis, and reverse transcription.

BTEC 2050 BIOINFORMATICS 2 CR.
Prereq: BTEC 2010. Students will learn to use computer programs and software to gather, store, analyze and integrate biological data from sources such as whole genomes and other relevant databases. Previous computer knowledge is not needed.

BTEC 2100 BIOTECHNOLOGY RESEARCH 4 CR.
Prereq: BTEC 1015 and Faculty approval. Students conduct mentored research activities on specific research topics assigned by Biotechnology faculty/staff or in collaboration with biotechnology companies. Hours are flexible and arranged in collaboration with faculty.

BUS 1040 ETHICS AT WORK (ID) 3 CR.
Students develop judgment about workplace ethics through critical reading, thinking, writing, research and analysis, consider issues from multiple disciplines/opposing views, choose research/service-learning projects and write reports.

BUS 1050 FOUNDATIONS OF BUSINESS (ID) 3 CR.
Historical, sociological and philosophical overview of the fundamental aspects of business. Topics: business in a world in change, socioeconomics, the human factor and ethics in the workplace and social responsibility in a global market. Prereq: It is strongly recommended that this class be taken after (or concurrent with) ENGL 1010 or that the students have comparable writing skills.

BUS 1100 APPLIED BUSINESS CALCULUS 3 CR.
Prereq: MATH 1050 or MATH 1090. This course examines the mathematics of calculus applied to business applications. Polynomial, quadratic and exponential functions, mini-maxi theory, limits, derivatives and integration will be reviewed.

BUS 1910 SPECIAL PROJECTS (PBL) 2 CR.
Students participate in the Phi Beta Lambda organization which promotes competent, aggressive business leadership, understanding of American free enterprise, setting of career goals, building character and self-confidence.

BUS 2200 BUS. COMMUNICATIONS (CM, IN) 3 CR.
Prereq: ENGL 1010 with C or better. Students develop critical reading, thinking, listening, speaking & writing skills for business, conduct research, assess communication situations, make effective arguments, work in teams & present research/service-learning projects.

CCLA 1110 CONSTRUCTION LABORER 1A 5 CR.
An introductory course in the construction craft. Students will gain a basic knowledge of construction safety, hand and power tools, blueprint reading, and an introduction to concrete and building related materials.

CCLA 1120 CONSTRUCTION LABORER 1B 5 CR.
Prereq: CCLA 1110. This course provides students with knowledge and skills concerning foundations and slab on grade methods, and methods for reinforcing, handling and placing concrete and introduces distance measuring and leveling techniques.

CCLA 1210 CONSTRUCTION LABORER 2A 5 CR.
Prereq: CCLA 1120. This course provides students with an in-depth understanding of vertical and horizontal forms. An introduction to crane operation will also be presented.

CCLA 1220 CONSTRUCTION LABORER 2B 5 CR.
Prereq: CCLA 1210. This course provides a basic understanding of ironworking, electrical safety, construction equipment operation, oxy-fuel cutting, and safety concerns associated with high rise construction.

CEAL 0100 TRANSITION TO TEACHING 15 HRS.
This orientation class will assist students who have a Bachelor's degree in a subject area taught in Utah schools make a successful transition to teaching through the ARL program.

CEAL 0200 MANAGING BEHAVIORAL PROBLEMS 15 HRS.
Students will learn problem solving skills that will assist them with behavior problems in their classes. Disruptive behaviors will be addressed and strategies to prevent recurrance will be taught.

CEAS 0100 FUNDAMENTALS OF INTERPRETING 45 HRS.
Students learn basic skills related to interpreting and engage in activities to successfully incorporate skills into their work. Skills include cognitive processing, discourse analysis, memory, concentration, visualization etc.

CEAS 0110 UTAH WRITTEN TEST PREP 45 HRS.
Students examine interpreting philosophies. Focus is on the intercultural and interlingual challenges which may arise during the interpreting process. Students learn and apply the code of ethics. This class is intended to prepare students for the Utah Written Exam. Students are strongly encouraged to take the Utah Written Exam upon completion of this course.

CEAS 0120 INTERPRETING SKILLS: ASL/ENGLISH 45 HRS.
Students learn the necessary skills related with interpreting sign to voice and voice to sign. Students will learn to manage processing, mood, intent, semantic choice, register, cohesion, expansion, compression and equivalency as it relates to discourse.
CEAS 0150  BEGINNING INTERPRETING: CONSEC TO SIMUL  45 HRS.
Students learn the necessary skills related with interpreting sign to voice and voice to sign. Manage processing, mood, intent, semantic choice, register, cohesion, expansion, compression, and equivalency as it relates to discourse.

CEAS 0160  SORENSON VRS OBSERVATION  30 HRS.
Students have the opportunity to observe interpreters at work at Sorenson Video Relay Service. After observation students will participate in online discussions about the interpreting work and language use that was observed.

CEAS 0200  ART OF INTERPRETING  45 HRS.
Students learn the process of interpreting bridging the gap between consecutive and simultaneous interpreting, ethical issue discussions will be held as preparation for the NICT interview. Skills relating to working with a mentor will be discussed.

CEAS 0210  NIC WRITTEN TEST PREP  45 HRS.
Students examine interpreting philosophies. Focus is on the intercultural and interlingual challenges which may arise during the interpreting process. Students learn and apply the code of professional conduct.

CEAS 0220  TRANSLITERATING SKILLS  45 HRS.
Students learn the necessary skills related with transliterating sign to voice and voice to sign. Students will learn to manage processing, mood, intent, semantic choice, register, cohesion expansion, compression, and equivalency as it relates to discourse.

CEAS 0300  PRACTICE OF INTERPRETING  15 HRS.
Students learn the nuances of interpreting, effective teaming, interpreting for the opposite gender, interpreting in the medical field, legal setting, and how to be an effective mentor.

CEAS 0320  INTERACTIVE SKILLS: ROLE PLAY  45 HRS.
Students learn the necessary skills related to the role-play situation. Learn to manage processing, mood, intent semantic choice register, cohesion, cultural mediation language assessment, turn-taking and equivalency as it relates to discourse.

CEAS 0400  ASL FOR INTERPRETERS  45 HRS.
Students learn the nuance of American Sign Language including linguistic, effective classifier use and contextualization techniques.

CEAS 0430  DEAF HISTORY & CULTURE  45 HRS.
Being knowledgeable about deaf culture and history can impact interpreting skills. Explore local, national and global deaf history. Timeline begins with the 1400’s to the present.

CEAS 0500  SPEC TOPICS: FINGERSPELLING & NUMBERS  24 HRS.
Students will take an in-depth look at the nuances of finger spelling and numbers of ASL. Students will hone their expressive and receptive finger spelling skills and apply those skills in their interpreting work.

CEAS 0920  SPECIALIZED SKILLS: VOICING  45 HRS.
Students will become comfortable and confident in the ability to comprehend ASL and express equivalent message in English. Students will discuss compression techniques as well as improve English language skills.

CEAT 0600  CDL 3RD PARTY TESTER TRAINING  24 HRS.
This training will certify individuals through the Dept. of Public Safety, Driver’s License Division to administer the CDL road test.

CEBC 0003  FAST TRAC NEW VENTURE  0 TO 50 HRS.
Comprehensive entrepreneurship-educational program that provides entrepreneurs with business insights, leadership skills and professional networking so that they are prepared to create a new business or expand an existing enterprise.

CEBC 0004  FAST TRAC PLANNING  27 HRS.
Designed to look at and evaluate business. Take a hard look at all aspects of a company and write a new business plan.

CEBC 0007  FINANCIAL TOOLS ESSENTIAL FOR SB  0 TO 15 HRS.
This course goes over all the financial needs a small business will encounter

CEBC 0008  SELF-EMPLOYMENT WORKSHOP (LDS)  4 HRS.
Learn the basics of starting a business and discover the resources in the community to help you manage and improve your business.

CEBC 0013  FAST TRAC FIRST STEP  0 TO 50 HRS.
11 week course: Communicating the business concept, gathering information for feasibility, product and services.

CEBC 0015  INTERNET MARKETING  0 TO 20 HRS.
Learn how to market your business online and how to keep it in the top of all major search engines.

CEBC 0016  MARKET RESEARCH  12 HRS.
Help with operating a business. Covers information related to establishing business operations and how a business plan can help organize a business. Technical, marketing, financial, and human resource issues will be covered.

CEBC 0017  STRATEGIC MARKETING  2 HRS.
Class for any owner, manager or officer of a small business. Covers 4 essential financial statements & basic analysis tools and more.

CEBC 0018  START SMART  2 HRS.
Start Smart Orientations is a 2 hour workshop providing an overview of all services provided by SL SBDC program. Covers basic requirements of starting and growing a business in Utah.

CEBC 0019  FINANCING YOUR BUSINESS  5 HRS.
Mini-conference on financial strategies for start-ups and the established small business operator.

CEBC 0021  INTERNET MARKETING  12 HRS.
Introduction to the basic concepts on internet marketing. Great for anyone who wants to launch a web site for business. Helps to determine which types of internet marketing are right for your business.

CEBC 0034  7 HABITS OF SMALL BUSINESS MGRS  12 HRS.
7 essential habits that highly effective managers share.

CEBC 0047  LAW SCHOOL FOR SMALL BUSINESS  0 TO 20 HRS.
Receive expert legal advice on today’s hottest legal topics facing entrepreneurs.

CEBC 0060  SMALL BUSINESS TAX WITHHOLDING  0 TO 20 HRS.

CEBC 0061  SOLE PROPRIETOR  0 TO 20 HRS.
Offers help for business owners to understand and comply with federal/state statutes and reporting requirements for Sole Proprietors.

CEBC 0062  SCORE TRAINING  3 HRS.
How to form a limited liability company.

CEBC 0063  CHOOSING A BUSINESS ENTITY  0 TO 20 HRS.
Class addresses the potential liabilities and tax considerations when choosing a legal structure for your business.

CEBC 0065  LLC WORKSHOP  0 TO 20 HRS.
Help for business owners to understand and comply with federal/state statutes and reporting requirements for LLC.

CEBC 0066  S-CORPORATION  0 TO 20 HRS.
Helps business owners understand and comply with federal/state statutes and reporting requirements for S-Corporation.

CEBC 0069  STRATEGIC BUSINESS PLANNING  0 TO 30 HRS.
Explores the pitfalls and common mistakes made by most new businesses. Identifying your company’s top priorities how to identify your business’ competitive advantages. 6 rules for creating good messaging.

CEBC 0070  PARTNERSHIP WORKSHOP  0 TO 20 HRS.
Help business owners understand and comply with federal/state statutes and reporting requirements.

CEBI 0001  BIZ NET CONNECT  0 TO 30 HRS.
MBIC/SBDC monthly business networking event.

CECD 0300  REVIT ARCHITECTURE ESSENTIALS  0 TO 40 HRS.
Covers basics of Revit Architecture, from schematic design through construction documentation introduces student to the concepts of building information modeling and tools for parametric building design and documentation.

CECD 0301  REVIT MEP  0 TO 50 HRS.
Building information modeling and the tools for parametric MEP systems design and documentation using Autodesk Revit MEP.

CECD 0302  AUTODESK REVIT MEP-HVAC PLUMB  16 HRS.
Revit MEP basics specific to HVAC/Plumbing.
Overview of the changes from 2003-2006 IRC & learn about the state of Utah Building Code amendments with respect to commercial buildings.

CECT 0100 LEGAL ISSUES FOR CONTRACTORS 3 HRS.
Focus is on how patent-pending construction techniques improve the industry and how the potential for liability occurs when using another's proprietary and protected intellectual property.

CECT 0110 INTERNATIONAL RESIDENTIAL CODE 0 TO 20 HRS.
Review information on current International Residential Building Code requirements. Overview of the changes from 2003-2006 IRC & learn about the state of Utah Building Code amendments with respect to residential buildings.

CECT 0200 UTAH CODE BOOK REVIEW 3 HRS.
Focus is on the DOPL Contractor's State Code Book additions and supplements for the current year.

CECW 0110 WORD LEVEL 1 6 HRS.
Tasks include working with the Office Assistant, using basic document editing skills, correcting spelling and grammar, formatting characters, paragraphs, documents, using styles, headers, footers and online Help.

CECW 0124 WORD LEVEL II 6 HRS.
Students learn to insert dates and symbols, create and format tables, graphics, watermarks, word art, templates and wizards, columns, mail merge, sort table data, format bullets, numbered lists and macros.

CECW 0125 WORD LEVEL III 6 HRS.
Students learn to auto format, auto correct, auto text, find/ replace, view, charts/diagram, hyperlinks, headers/footers, table of contents, table of authorities, document index, bookmarks, foot/endnotes, revisions comments and master docs.

CECW 0210 EXCEL LEVEL I 6 HRS.
Introduces skills for developing workbooks, creating simple formulas, copying & moving data, printing data, preparing worksheets for publication, formatting numbers, text, cells, columns & rows, using automatic formatting, styles and help.

CECW 0211 EXCEL LARGE WORKSHEETS 3.5 HRS.
Tasks include working with multiple worksheets, outlines, labels in formulas, managing worksheets, using HTML files, paste special, range names and other functions.

CECW 0212 EXCEL CHARTS AND GRAPhICS 3.5 HRS.
Tasks include creating and editing charts, drawing objects, using AutoShapes, managing data and files, and customizing Excel preferences.

CECW 0213 EXCEL DATABASE MTG/PVOT 3.5 HRS.
Introduces skills for creating databases, sorting data, working with the data form, using AutoFilter, advanced filters, and database functions.

CECW 0214 EXCEL ADVANCED FUNCTIONS 3.5 HRS.
Tasks include creating data series, using lookup and logical functions, rounding numbers, creating and using data tables, solving problems, using scenarios, goal seeking and protecting worksheets.

CECW 0215 EXCEL ORGANIZATIONAL TOOLS 3.5 HRS.
Tasks include using styles, customizing formats & templates, consolidating worksheets, working with comments & custom views, sharing workbooks, auditing tools and the Report Manager.
CECW 0216  EXCEL MACROS, TOOLBARS  3.5 HRS.
Tasks include using, recording, editing and debugging macros customizing functions, toolbars and buttons, creating macro buttons and menus.

CECW 0230  QUICKBOOKS BEGINNING  6 HRS.
Accounting basics/How QuickBooks works, set up own company file, customize desktop, merging names, profit and loss report, balance sheet, tracking loans from owners, historical data entry, writing letters by exporting to Word.

CECW 0231  QUICKBOOKS INTERMEDIATE  6 HRS.
Tracking fixed assets and their associated liabilities, depreciation, prepaid expenses, memorized transactions, making deposits not related to receivables, sales tax, petty cash, budgets, and credit card transactions.

CECW 0232  QUICKBOOKS ADVANCED  6 HRS.
Payroll, Job Costing, Inventory Mgt, and accounting for trades, writing off bad debt, passwords, graphs, year end issues, W-2s, 1099's, 940. Find feature, and statement of cash flow.

CECW 0305  WINDOWS OVERVIEW  6 HRS.
Windows features, working with views, toolbars, multiple windows, file management, shortcuts, Windows Explorer, searching, My Computer & Control Panel, customizing display, Taskbar & Start menu, printing, accessories and Help.

CECW 0401  UNDERSTANDING DATABASES  6 HRS.
Participants learn the basic terminology, design methodology and relational concepts of a database. The course includes exercises in analyzing real-world database examples as well as relating database design to business issues.

CECW 0405  ACCESS LEVEL I  7 HRS.
Tasks include creating & modifying tables, setting field properties, using filters, printing data, querying, reporting, creating relationships.

CECW 0406  ACCESS LEVEL II  7 HRS.
Tasks include modifying tables, using operators in queries, action queries, query wizards and database file utilities. Using advanced features of forms and reports, manipulating controls, and using design views.

CECW 0407  ACCESS LEVEL III  7 HRS.
Advanced features including charts, sub forms, form letters, indexing and replicating databases. Creating/running macros assigning actions & conditions, creating group macros, creating and modifying switchboards, menus and toolbars.

CECW 0408  ACCESS ADV TOPICS: QUERIES  7 HRS.
Introduces advanced query writing skills. Tasks include techniques for basing one query on another, using functions in queries, adding conditional clauses to statements and troubleshooting complex queries.

CECW 0409  ACCESS ADV TOPICS: REPORTS  7 HRS.
Introduces advanced report writing skills. Tasks include creating a custom form for entering query criteria for the report, printing criteria on a report, changing the sort order of a report on the fly, and using sub-reports.

CECW 0410  ACCESS ADV TOPICS: MACROS  7 HRS.
Advanced uses for macros and how they relate to Visual Basic. Tasks include creating macro groups for better organization, using the Set Value macro to set properties, creating a splash screen and converting macros to Visual Basic code.

CECW 0414  ACCESS ADV SECURITY  7 HRS.
Learn to set up security for your Microsoft Access database using the Security wizard. Create/modify user/passwords, customize user/group rights, use Workgroup Administrator, implement security on a network.

CECW 0504  OUTLOOK LEVEL I  3 HRS.
Learn how to work with Outlook Messages & Message features, Calendar, Contacts, Tasks, and organizing Outlook items.

CECW 0507  MICROSOFT OFFICE OVERVIEW  16 HRS.
Provides an introduction to Word for Windows, Excel spreadsheets and PowerPoint presentations. This class is five consecutive weeks of 4 hours each day.

CECW 0508  MICROSOFT PROJECT  14 HRS.
Tasks include working with tasks, views, outlines, working with resources, calendars and assigning costs.

CECW 0603  DREAMWEAVER  12 HRS.
Dreamweaver is a professional Web site design and production tool that gives you the power you need for rapid Web development. Dreamweaver will help you build better Web sites faster.

CECW 0607  FLASH  12 HRS.
Introduces Flash MX to the first time user. Learn how to import external files such as images, sounds and movies.

CECW 0609  EBAY SELLING  6 HRS.
Topics include opening a seller account, doing effective research, creating listings, setting pricing, opening a PayPal account, learning how to monitor your listings, completing transactions, and learning how to pinpoint fraud.

CECW 0612  CSS & XHTML, JAVASCRIPT  12 HRS.
Tasks include explanation of CSS, how inline, embedded, & external style sheets are used, how to add a background color or image to a Web page through style sheets, format text, & links with style sheets, XHTML with CSS.

CECW 0701  PUBLISHER  6 HRS.
Tasks include exploring Publisher, working with the office assistant, publications, correcting spelling errors, enhancing publication text printing, sending and publishing presentations.

CECW 0703  POWERPOINT LEVEL I  6 HRS.
Tasks include working with the outline pane, correcting spelling, enhancing text, printing, publishing, using graphic images, tables, slide sorter view, slide master, drawing objects, edit multiple presentations and using Help.

CECW 0704  POWERPOINT LEVEL II  6 TO 20 HRS.
Tasks include creating basic charts, customizing presentations, taking notes and handout masters, setting up and expanding a slide show, customizing toolbars, importing charts, create organization charts, using tables, exporting.

CECW 0800  PHOTOSHOP LEVEL I  6 HRS.
This workshop is designed to help students create images for both print and the Web. Students will use Photoshop's basic tools, palettes, and features to create images, retouch photographs, and save files using multiple file formats.

CECW 0801  PHOTOSHOP LEVEL II  6 HRS.
This workshop covers the advanced features and functions of Photoshop. Before taking this course, students should have basic photo editing skills, and know how to create simple shapes and drawings. Students will learn how to create artwork for both print and the Web. The workshop is filled with interactive exercises that help ensure student retention.

CECW 0803  ADOBE ACROBAT PROFESSIONAL  6 HRS.
Provide students with the skills needed to create, edit, save and secure PDF documents.

CECW 0804  ILLUSTRATOR LEVEL I  6 HRS.
Introduces students to Adobe Illustrator, how to start, open a file, and identify interface components, navigate in the artwork window, create, save, print and close files.

CECW 0805  ILLUSTRATOR LEVEL II  6 HRS.
Manage colors by applying blending modes and gradient meshes, create masks to hide and reveal areas of underlying artwork through specific shapes.

CECW 0806  INDESIGN LEVEL I  6 HRS.
This workshop helps students design and produce professional print documents and layouts. Students will learn how to manipulate text, shapes, colors, and frames to create eye-catching print products.

CECW 0807  INDESIGN LEVEL II  6 HRS.
Learn how to manipulate page layout, control the appearance of text and tables, and create books, tables of content, and indices, convert documents to PDF, HTML, and XML format, work with XML features and tags, and apply a variety of print options.

CEDM 0010  AUTODESK 3D BASICS  2 HRS.
Course focuses on basic Autodesk 3D applications used to model, texture, light & render a single scene. Basic use interface interactivity and familiarity with common practice in the media & entertainment industry.

CEDM 0020  AUTODESK MAYA BASICS  2 HRS.
Course focuses on basic Maya 3D software applications used to model, texture, light & render a single scene. Basic user interface interactivity & familiarity with common practice in the media & entertainment industry.

CEEN 1100  CIVIL ENGINEERING DESIGN  3 CR.
Prereq: MATH 1101. The progression of civil and environmental engineering including the major elements of the profession. An understanding of the core disciplines in design and engineering is reviewed. It includes speakers, design project, and lectures.
CEEN 2000 COOPERATIVE EDUCATION 1 TO 2 CR.
Prereq: Sophomore standing with minimum GPA of 2.0 and instructor's approval. A supervised work experience in a business, industrial or government related to the program major. Credit is awarded for successful completion of specific learning objectives that provide new learning related to the major.

CEEN 2100 STATICS 3 CR.

CEEN 2020 DYNAMICS I 2 CR.
Prereq: CEEN 2100, MATH 2210. Position, velocity and acceleration, vector calculus, particle kinematics, kinetics of particles, including Newton's Laws, conservation of momentum and energy, and impact vibratory motion of particles are covered.

CEEN 2130 ECONOMICS W/ PROB. & STAT. 4 CR.
Prereq: MATH 1050. Lectures and discussion on engineering economic decisions, equivalence & interest formulas, rate of return, project evaluation and cash flow, depreciation, taxes, and an introduction to engineering probability and statistics.

CEEN 2140 STRENGTH OF MATERIALS I 2 CR.
Prereq: CEEN 2100, concurrent with MATH 2250. Internal forces in members, concept of stress & strain, axial loading, Hooke's Law, torsion, pure bending, traverse loading, transformations of stress & strain, pure vessels, column bending are discussed.

CEEN 2145 STRENGTH OF MATERIALS LAB 1 CR.
Prereq: Concurrent with CEEN 2140. This is an introductory laboratory in the mechanical behavior of materials using basic testing methods and instrumentation, column bending, tension and compression of metals, concrete failure, Charpy's Impact, and creep tests.

CEEN 2240 SURVEYING 3 CR.
Prereq: MATH 1060. Surveying procedures and their application to design and construction are taught. Students receive hands-on experience using total stations, GPS, and other surveying equipment. Laboratory included.

CEEN 2300 ENGINEERING THERMODYNAMICS 2 CR.
Prereq: CHEM 1210, MATH 1220, and PHYS 2210. First and second law of thermodynamics, internal energy, enthalpy, entropy and open and closed systems are covered. Engineering cycles including Carnot, Otto, Diesel, Brayton and Refrigeration are introduced.

CEEN 2320 STRENGTH OF MATERIALS II 2 CR.
Prereq: CEEN 2140, concurrent w/CEEN 2145 and MATH 2210. Combined stresses and stress resolution, deflections in beams, energy methods, statically indeterminate members and structures, shear centers, failure criteria and instability of columns are taught.

CEEN 2410 STRUCTURAL THEORY I 3 CR.
Prereq: CEEN 2140. Students examine structural loads, analysis of statically determinate structures, flexural members, plane trusses, influence lines, simple arches, basic cable theory and influence lines for beams and trusses.

CEEN 2450 NUMERICAL METHODS 2 CR.
Prereq: ENGR 1040, MATH 2250, concurrent with MATH 2210 suggested but not required. Numerical techniques used in engineering computing, including: convergence, error accumulation, roots, solution of linear and nonlinear equations, numerical integration and differentiation, and solutions to differential equations.

CEEN 2900 SPECIAL TOPICS-CIVIL ENGINEERING 1 TO 3 CR.
Special topics in Civil/Environmental Engineering

CEEU 0100 DEVELOPMENTALLY APPROPRIATE CLASS 0 TO 5 HRS.

CEEU 0101 LITERACY/LANG IN CHILDHOOD ED 5 HRS.
Teaching and learning in the classroom. Developmentally appropriate practices and theories. They will be introduced to their role as a decision maker in a classroom, creating relationships with families etc.

CEEU 0102 MATH/SCIENCE EARLY CHILDHOOD 5 HRS.
Develop Understanding of the basic principles of literacy and learning. They will be given the tools to implement literacy and language in their classroom planning.

CEEU 0103 PROJECT APPROACH 0 TO 5 HRS.
Project based learning. This course introduces ideas of how to plan curriculum that is child interest motivated, generated and explored over a period of time.

CEEU 0104 DEVELOPMENTALLY APPROPRIATE PRACTICE II 0 TO 5 HRS.
The developmental theories will be revisited with an emphasis on appropriate curriculum planning, providing intentional teaching for children, enhancing learning & development & creating a caring community of learners.

CEEU 0105 ARTS EARLY CHILDHOOD CLASSROOM 0 TO 5 HRS.
Class intended to help early childhood teachers explore the arts, creative arts, visual arts, music & movement, with young children in a developmentally appropriate way.

CEGA 0100 GREEN RETROFITTING 0 TO 50 HRS.
Introduction to integrating green methods into projects for local contractors who want to specialize in “Green” retrofitting of buildings. Students will learn about evaluating existing buildings and creating a retrofit plan that incorporates elements of energy efficiency, water efficiency, materials efficiency, indoor air quality and other green building features.

CEGN 0010 INTRODUCTION TO GENEALOGICAL RESEARCH 0 TO 10 HRS.
Course will expose students to the major elements of genealogical research including utilization of available sources, the identification of pertinent information, and methods for systematic organization of genealogical records.

CEGN 0015 FINDING YOUR AMERICAN FAMILY 0 TO 10 HRS.
Course will provide an in-depth study of sources and records used to document and verify family history and genealogies dealing mainly with the US.

CEGN 0030 GENEALOGY TOOLS FOR COMPUTERS 0 TO 10 HRS.
Introduction to the use of computers in genealogy, including the features and functions of major database programs, auxiliary software and appropriate peripherals.

CEGN 0035 INTERNET FOR GENEALOGISTS 0 TO 10 HRS.
Use the internet in genealogy, including access to the various archives and repositories of information available.

CEGN 0100 ANCESTRY.COM WORKSHOP 5 HRS.
Interactive workshop to teach intricacies of Ancestry.com.

CEGP 0001 BABY SIGN LANGUAGE 3 HRS.
A baby can use sign language long before it can master the fine motor skills needed for speech. This class will teach parents and caregivers, accompanied by their babies, the basics of baby sign language.

CEGP 0210 MEANINGFUL PARENTING TIPS 4 HRS.
Simple strategies to help tots through teens to be safe, smart, and responsible decision makers. Assist your child to be better prepared, more independent and self-confident. Come prepared to learn and share.

CEGP 0211 FUN/ECONOMICAL B-DAY PARTIES 2 HRS.
Every parent wants to provide their kids with fun birthday memories. Learn how to do just that without the stress of blowing the budget.

CEGP 0212 WHAT'S FOR DINNER? 2 HRS.
What’s for Dinner? This is the question that plagues busy families every day. Take one day and make enough meals for the month. Come find out what's needed for speech. This class will teach parents and caregivers, accompanying their children, the basics of baby sign language.

CEHN 0600 OPERATION WELLNESS 8 HRS.
Learn the latest research about health and wellness. Topics include nutrition, exercise, stress, willpower, increasing longevity, preventing diabetes, heart disease and improving quality of life.

CEHN 0601 PRESCRIPTION FOR A HEALTHY YOU 1 HRS.
Class will cover a broad overview for good health including the following topics: Eating, Stress levels, Exercise, and Willpower.

CEHN 0602 NUTRITION: HOW SAVVY ARE YOU? 1 HRS.
Nutrition Quiz

CEHN 0603 DON'T END UP W/BROKEN HEART 1 HRS.
Heart Health Checklist Managing Stress

CEHN 0604 DIABETES DO YOU NEED TO WORRY? 1 HRS.
Are you at risk? How important is lifestyle in prevention? What do you do now that you are diagnosed?

CEHN 0605 FATS: GOOD, BAD AND UGLY 1 HRS.
The different types of fat. How to maximize the good and minimize the ugly.
CEHW 0606  FABULOUS FIBER/SINISTER SUGAR  1 HRS.
How much is enough? Offie, Offie Oxen Free out of Hiding!

CEHW 0607  OTHER NUTRITIONAL DUDES AND DUDS  1 HRS.
Vitamin D, Salt, Soft Drinks, Energy Drinks.

CEHW 0608  EXERCISE: FOUNTAIN OF YOUTH  1 HRS.
How much do you really need? The Fountain of Youth?

CEHW 0700  GROUP EXERCISE INSTRUCTOR TRAINING  39 HRS.
This course assists successful students to prepare for certification as fitness professionals by covering both the practical and educational basic components of teaching a safe and effective group fitness class.

CEHW 0900  BELLY DANCING BASIC  2 HRS.
Course is designed to open the door to understanding movement through Middle Eastern dance.

CEHZ 0200  BASIC PHOTOVOLTAIC SYSTEMS  30 HRS.
Introduction to the basics of PV system components. Learn to conduct site evaluations, select components, size the major components of PV systems including: PV array, battery bank, inverter and charge controller.

CEHZ 0300  ADV PHOTOVOLTAIC SYSTEMS  40 HRS.
After successful completion of course work in both the Basic and Advanced classes and additional field work, students will be able to safely work with photovoltaic systems, conduct site assessments; select appropriate system designs, adapt mechanical designs, adapt electric designs, maintain and troubleshoot photovoltaic systems.

CEHZ 0516  16 HOUR POOL/SPA OPERATOR  16 HRS.
Two-day, intensive program covers pool and spa chemistry, testing, treatment, filtration, maintenance and automatic feeding equipment. Utah Health Dept Rule R397-302-28 enacted Sept. 1, 1998 requires all pool operators to be certified.

CEHZ 0517  POOL AND SPA RECERTIFICATION  2 HRS.
Students who have previously taken the 16 hour Pool and Spa Operator course that need to recertify may take the exam the last day of the Pool and Spa Operator course.

CEIB 0100  EXEC CERT OF GLOBAL BUS MGT  30 HRS.
The Executive Certificate of Global Business Mgt is offered to business executive, professionals, working staff, entrepreneurs, and qualified students who wish to increase their knowledge and improve their strategies in global business practices.

CEIB 0012  MOTORCYCLE PRIVATE  4 HRS.
This course is in addition to the basic rider training and is conducted from the motorcycle safety foundations extended BRC.

CEIB 0013  TIERED LICENSING 2ND LEVEL  2 HRS.
Motorcycle testing for the driving skills for 650 CC or larger.

CEIB 0014  MOTORCYCLE RIDER SAFETY COURSE  18 HRS.
Motorcycle training, basic riding skills for Utah state driver’s license riding test waivers.

CEIB 0015  BRC RESCHEDULE  18 HRS.
BRC reschedule for makeups.

CEIB 0016  CITIZENS FIREMANS  16 HRS.
Fulfills training for concealed carry permit and bail enforcement agent firearms training for the State of Utah.

CEIB 0021  EXPERIENCED RIDER COURSE  8 HRS.
Course is for riders with more than one year and or 1,500 miles of riding experience. Develop your physical skills with intensified practice of swerving, cornering, traction management, stopping and risk management.

CEIB 0024  MOTORCYCLE RIDER COURSE RETAKE  18 HRS.
This course is for students needing additional elementary motorcycle rider training.

CEIB 0090  DRIVER EDUCATION  30 HRS.
A State-certified course in Driver Education offered to the Community. This course will be available in English and Spanish.

CEIB 0091  DRIVER EDUCATION (SPANISH)  30 HRS.
18 hrs of class, 12 hrs of driving. (6 hrs driving, 6 hrs observation). Must pass 3 tests with 80% or more. Spanish speaking.

CEIB 0300  BAIL ENFORCEMENT AGENT  16 HRS.
Fulfills training requirements for bail enforcement agent certification for the State of Utah.

CEIP 0310  BAIL ENFORCEMENT RECERTIFICATION  16 HRS.
Fulfills training requirement for bail enforcement agent re-certification for the State of Utah.

CEIP 0400  EMERGENCY MEDICAL TECHNICIAN  160 HRS.

CEIP 0410  EMT RE-CERTIFICATION  100 HRS.
For those holding current valid certification. Training selected by the student and instructor from the ongoing course. Provides required CME hours for the currently certified EMT.

CEIP 0420  CPR  4 HRS.
Course is to satisfy the pre-requisite in the EMT program, requiring students have first-aid and CPR certification.

CEIP 0910  SPECIAL FUNCTION/RESERVE OFFICER  200 HRS.
Prereq: Approval of P.O.S.T. Must be 21 years old by graduation from Module II. Eligible for airport or campus security, corrections and constitutional service. Cross listed as CJ 1910.

CEIP 0920  PEACE OFFICER BASIC  396 HRS.

CELN 0210  LINEMAN JOB-RELATED THEORY  0 TO 20 HRS.
Prospective lineman apprentice students, specifically second year non-sponsored students transferring for UVU lineman to SLCC.

CEMG 0010  FUNDAMENTALS OF SUPERVISION & MGMT 1  24 HRS.
Master the basics of business, learn the people skills required to motivate and delegate, and learn tools for solving problems & resolving conflicts.

CEMG 0011  FUNDAMENTALS OF SUPERVISION & MGMT 2  24 HRS.
Learn how to be an effective manager or supervisor. Master the basics of communicating effectively, and learn tools for developing your own interpersonal skills.

CEMG 0012  PURCHASING FUNDAMENTALS  24 HRS.
Improve your company's bottom line by mastering the fundamentals of purchasing.

CEMG 0013  ADMINISTRATIVE ASSISTANT FUNDAMENTALS  24 HRS.
Prepare to take advantage of the many new job opportunities in health care, legal services, and other industries.

CEMG 0014  MASTERY OF BUSINESS FUNDAMENTALS  24 HRS.
Acquire practical experience in strategic planning, management, and finance without enrolling in an MBA program.

CEMG 0015  EMPLOYMENT LAW FUNDAMENTALS  24 HRS.
Learn the basics of employment law so you can legally hire, evaluate, and manage employees. Learn basic benefit info, evaluation & termination procedures, & dispute resolution.

CEMG 0017  PROJECT MGMT FUNDAMENTALS  24 HRS.
Gain the skills you’ll need to succeed in the fast growing field of project management.

CEMG 0018  PROJECT MGMT APPLICATIONS  24 HRS.
Experienced project manager teaches you tricks of the project management trade.

CEMG 0019  SIX SIGMA: TITL QUALITY FUNDAMENTALS  24 HRS.
Learn the basics of total quality management.

CEMG 0021  PMP CERTIFICATION PREP 1  24 HRS.
Begin a well-paying career as a project manager by preparing to take and pass the PMP certification exam.

CEMG 0022  PMP CERTIFICATION PREP 2  24 HRS.
Prepare to take-and-pass the Project Management Institute's PMP certification exam.

CEMG 0031  MANUFACTURING FUNDAMENTALS  24 HRS.
Learn the basic skills required to work in the manufacturing field.

CEMG 0032  INTRODUCTION TO NONPROFIT MGT  24 HRS.
Develop the skills and strategies you need to become an integral part of one of America’s fastest growing service sectors.
CEMG 0034  UNDERSTANDING HUMAN RESOURCE FUNCTIONS  24 HRS.
This course is designed to help people without experience in human
resources and prepares managers and business owners to handle human
resource functions to ensure good results.

CEMG 0035  INTRODUCTION TO BUSINESS ANALYSIS  24 HRS.
Learn powerful techniques to improve your decision making skills at
work.

CEMG 0037  PRINCIPLES OF SALES MANAGEMENT  24 HRS.
Learn the essential roles and responsibilities of a sales manager and
develop leadership, motivational and team building skills. Learn tech-
niques for communication.

CEMG 0038  HIGH SPEED PROJECT MGMT  24 HRS.
Breakthrough model for dealing with realities of managing projects at
supersonic speeds. Meet and win challenges of truncated timelines, short-
staffed project teams, skinny budgets and crippling risks.

CEMG 0113  ADMIN ASST APPLICATIONS  24 HRS.
Gain the skills and knowledge you'll need to prepare for the Certified
Administrative Professional exam and begin a rewarding career as an
administrative assistant.

CEMG 0119  SIX SIGMA: TOTAL QUALITY APP’S  24 HRS.
Learn to apply the elements and methods of Six Sigma to achieve the
highest possible quality.

CEMG 0131  MANUFACTURING APPLICATIONS  24 HRS.
Increase efficiencies and productivity by learning to apply the principles
and concepts of manufacturing.

CEMG 0232  CREATING YOUR OWN NON-PROFIT  24 HRS.
Industry veteran shows you how to take a non-profit business from vision
to reality.

CEMS 0005  UTAH NOTARY TRAINING WORKSHOP  4 HRS.
An in-person, interactive notary training workshop is taught the 1st
Wednesday of each month from 6:30 p.m. to 9:50 p.m. Call 977-3107 for a
registration form or download from:
www.slcc.edu/schools/ce/c/e/c/program/notary_training.html

CEPD 0001  ALUMINUM WELDING  0 TO 40 HRS.
Students will learn to use welding equipment, weld coupons with wire
feed, weld pipes with wire feed and weld a pipe in a 180 degree rotation.

CEPD 0003  BASIC/ARC WELDING  40 HRS.
Students will learn cutting w/gas torch and plasma, welding w/gas torch,
wire feed/TIG welders, mild stainless steel and aluminum, brazing and
silver soldering, and arc welding with various welding rods.

CEPD 0004  ELECTRICAL WIRING  40 HRS.
Lab intense course designed for RMP specifications to train students to
understand and utilize control systems. Students will be taught how to read
ladder logic and RMP specific blueprints, and troubleshoot faulty
systems.

CEPD 0006  NEC 8 HOUR CODE INSTRUCTION  8 HRS.
8 hours of electrical code instruction. Approved by Utah DOPL and meets
license renewal requirements for electricians.

CEPD 0007  NEC 8 HRS RELATED INSTRUCTION  8 HRS.
8 hours of related electrical instruction. This workshop is approve by Utah
DOPL and meets license renewal requirements for electricians.

CEPD 0008  HYDRAULICS  40 HRS.
Course will cover hydraulics components & systems including pumps,
valves, accumulators, filters, reservoirs, open & closed loop, hydraulic
fluids, actuators, & trouble-shooting, pneumatic system.

CEPD 0009  IT’S SEW COOL! BEG SEWING  13 HRS.
Get hooked on sewing in this awesome beginner’s class. Learn basic
sewing techniques to use on your take home projects including tote bag,
pillow case and pajama bottoms. Sewing machines will be provided.

CEPD 0010  DISCOVER CAKE DECORATING WILTON  8 HRS.
Impress your family and friends with your new cake decorating skills!
Discover the right way to decorate a cake and other desserts in this step-
by-step hands-on course.

CEPD 0011  MEDITERRANEAN CUISINE  0 TO 10 HRS.
Learn to cook healthy in this hands-on Mediterranean cuisine class with a
touch of artistic cuisine presentation!

CEPD 0012  SOUTHERN FRENCH CUISINE  10 HRS.
Come experience authentic Southern French Cuisine at its best in this
hands-on six course meal course!

CEPD 0013  HEALTHY WHOLEGRAIN BREAKFASTS  2 HRS.
Come experience wholegrain waffles, pancakes, French toast cooking w/o
baking soda/powder or eggs. Easy blended fruit pancake toppings will be
demonstrated too.

CEPD 0014  DELICIOUS VEGETARIAN BURGERS  2 HRS.
Often cooks replace meat with eggs or high fat cheese to make vegetarian
burgers. This course offers three new methods to making high protein
burgers without these ingredients quinoa mushroom, bean nut and wheat
burgers!

CEPD 0015  SCRUMPTIOUSVEGETARIANPASTAS  2 HRS.
Scrumptious sauces to tempt your taste buds! Fresh sweet tomato sauce
with spaghetti (high vitamin C & no sugar) and not vegetable linguini with
fragrant spices and garlicky green pesto sauce. Pasta lovers don't miss this
course!

CEPD 0016  VEGETARIAN STYLE BALANCED DIET  4 HRS.
Discover what you need to know about food groups vegetarian style, foods
to avoid, food shopping or eating out wisely, delicious foods with artificial
additives main dish ideas. Learn to make 4 dishes and samples.

CEPD 0017  COOKIES W/O BAKING SODA  2 HRS.
Delight your children and friends with delicious cookies containing no
baking soda/powder or artificial ingredients. Learn to bake 3 types of cookies.

CEPD 0018  CAKE DECORATING II  8 HRS.
Discover cake decorating w/apple blossom, violet/leaf, daisy Victorian
rose, daffodil, pansy, primrose, basket weave, rope, assembling the grand
finale cake and flower sprays.

CEPD 0037  PATIENT CARE I  0 TO 100 HRS.
An introduction to the profession of patient care. The basics of providing
care for multiple age groupings within the caregiver’s home are
discussed. A key element is the role of the caregiver as a professional
provider.

CEPD 0001  CLA EXAM PREPARATION WORKSHOP  45 HRS.
An intense workshop designed to assist qualified paralegals with develop-
ing the skills needed to prepare for the CLA/CP exam. NALA approved
for 14 CLE hours through the Utah State Bar.

CEPW 0001  LEVERAGE  1.5 HRS.
Compelling insights and a powerful tool that helps identify core beliefs
and how they affect results. Course will teach how to align perceptions
with the real world.

CEPW 0002  CRUCIAL CONVERSATIONS  1.5 HRS.
Learn how to talk openly and honestly about anything. Improve your life,
team or organization. How to solve the best-of-the-best issues that most
of us allow to damage our relationships.

CEPW 0003  CRUCIAL CONFRONTATIONS  1.5 HRS.
Learn how to confront gaps in performance. Learn a powerful model that
allows you to better understand human behavior.

CEPW 0004  21ST CENTURY MARKETING OVERVIEW  1.5 HRS.
Key marketing strategies for the 21st century that you can implement.
Learn to get more customers without spending more money on advertis-
ing, increase customer loyalty. Avoid price cutting and keep more profits.

CEPW 0005  ESL TESTING  1 HRS.
Initial assessment of learners’ functional in listening and reading. Learner’s
progress is measured with the appropriate post-test by CASAS.

CEPW 0006  OPTO 22 CONFIGURATION  40 HRS.
Practical performance course using actual components of a DCS. Opera-
ions, trouble shooting and configuration, graphic design and actual
operation of a DCS.

CEPW 0007  CUSTOMER SERVICE FOR LEADS  3 HRS.
Integrating attitude and impact. Basics on how do we affect improve-
ments, trouble shooting and configuration, graphic design and actual
operations of a DCS.

CEPW 0008  CUSTOMER SERVICE  3 HRS.
Customer service mission statement of the Olympic Parks, basics, behav-
iors, motivation, communication, customer service, athletes and visitors,
and review and conclusion.
CEPW 0009  BASICS CUSTOMER PRESENTATION  2.5 HRS.
To teach Primary Children's Medical Center patient reps the basics of effective interpersonal presentation in patient interaction. Communication, audience analysis, appearance, speech structure and delivery.

CEPW 0010  EVENT MANAGEMENT  3 HRS.
Basic behavior models, motivation, communication, customer service and athletes and visitors.

CEPW 0011  CONTROL SYSTEM DOCUMENTATION  56 HRS.
Topics include: symbols and identification associated with instruments, different types of instrumentation drawings, such as P & ID, loop diagrams, location plans, installation drawings, specification forms.

CEPW 0100  UTAH ECONOMIC SUMMIT  1 HRS.
Various sessions thru out summit.

CESB 0001  DEV YOUR FAMILY CHILD CARE BUS  0 TO 50 HRS.
Covers topics that help participants think and act as business owners. The unique combination of business and industry specific information has a proven track record of assisting individuals in developing and sustaining business.

CEST 0001  NAT'L ADMIN CREDENTIAL UPGRADE  40 HRS.
Course consists of forty hours of classroom instruction, practice and evaluation in nine competency areas. Students are expected to complete projects and reading assignments between classes.

CEST 0003  INTRODUCTION TO COMPOSITES  0 TO 100 HRS.
Basic composites training including general overview of composites manufacturing, vacuum bagging and a hands-on project.

CEST 0004  J STANDARD CERTIFICATION  0 TO 50 HRS.
J-Standard certification training for companies who do government or other projects requiring certification.

CEST 0007  BASIC WELDING  40 HRS.
At the end of 40 hours students will complete stick welding and carbon arc cutting and gouging.

CEST 0011  INTERMEDIATE WELDING SKILLS  40 HRS.
GMAW (MIG) Short Arc, pulsed, and spray welding on various thicknesses, and in flat vertical, horizontal, and overhead procedures.

CEST 0012  FUNDMTL EFFECTIVE BRIEFINGS  16 HRS.
Basic techniques to create a more effective briefing message. Basic presentation techniques used by effective presenters. Participants will practice these writing and presentation skills and receive feedback on performance.

CEST 0013  ADVANCED EFFECTIVE BRIEFINGS  16 HRS.
Advanced techniques to create effective briefing messages. Learn advanced presentation techniques. Participants will practice these advanced writing and presentation skills and receive feedback on performance.

CEST 0014  COMPOSITES LEVEL II  30 HRS.
Composite level 2, molds-prepreg-cores.

CETG 0130  UHP HEAVY DUTY INSPECTION  16 HRS.
Truck, trailer and bus safety inspection for Utah Highway Patrol.

CEPW 0133  SOLIDWORKS  32 HRS.
3D CAD solution providing data management and communication tools.

CETG 0130  CAD REVIT INVENTOR  24 HRS.
Basic Autodesk Inventor features used to create, edit, document and print parts or assemblies.

CESU 0100  CNG VEHICLE CONVERSIONS  0 TO 50 HRS.
Course prepares automotive technicians with skills to maintain CNG vehicles. Safely convert gasoline powered dedicated light duty natural gas vehicles or dual fuel powered vehicles. Prior experience as an automotive technician or completion of one semester of automotive course work.

CESU 0200  CNG INSPECTION TRAINING  0 TO 50 HRS.
CNG vehicle cylinders should be inspected every three years or 36,000 miles. 12 hour hands-on course prepares students to take the certification examination for CNG cylinder inspectors. Prior experience working as an automotive technician or completion of one semester of automotive course work.

CESU 0500  THE KITCHEN GARDEN  8 HRS.
Learn to maximize your space for optimum production. Succession planting, harvesting, extending the season, (both early and late), tools and materials, vertical space gardening using trellises, structures and soil preparation.

CETG 0100  CREATING WEB PAGES  24 HRS.
Learn how to design, create and post your very own website on the Internet's WWW. Discover low-cost marketing techniques and search engine strategies.

CETG 0101  INTRODUCTION TO PC TROUBLESHOOTING  24 HRS.
This class will take you through the typical hardware and operating system problems and teach you how to diagnose and fix the more advanced and nasty problems.

CETG 0108  INTRO/INTERNET  24 HRS.
Learn to master the ins and outs of the Internet with this informative, behind-the-scenes look at the WWW, Email, Gopher space, Newsgroups, FTP, chat, telephony, Telnet.

CETG 0120  START/OPE HOME BUSINESS  24 HRS.
Home-based businesses are the hottest business trend of the decade! Learn how to be your own boss and eliminate the stress of having a job.

CETG 0123  DEBT ELIMINATION TECHNIQUES  24 HRS.
This course is designed for middle-class Americans who want to live a debt-free, stress-free lifestyle. Students will develop their own debt elimination plan & put it in action.

CETG 0126  START YOUR OWN CONSULTING FIRM  24 HRS.
Find out how you can earn income by sharing your training or knowledge with others.

CETG 0127  WRITE YOUR LIFE STORY  24 HRS.
Have you thought about writing your life story but don't know where to start? This course teaches you how to write your life story. It's a story only you can tell!

CETG 0131  TRAVEL WRITING  24 HRS.
Explore the world for fun and profit as a travel writer. You may be able to sell your travel experiences to a travel magazine or travel book publisher.

CETG 0132  BASIC COMPTIA A+ CERTIFICATION  24 HRS.
This course teaches you how to configure and troubleshoot the hardware common to almost every computer, microprocessors, RAM, power supplies, motherboards, drives.

CETG 0133  INTERMEDIATE COMPTIA A+ CERT  24 HRS.
This course teaches you DOS, DOS memory management, Windows 3.1 tweaking and troubleshooting, Windows 9x installation, optimization and troubleshooting.

CETG 0134  ADV COMPTIA A+ CERTIFICATION  24 HRS.
This course takes you through an extensive set of technology including SCSI, video, modems, printers, multimedia, portable PCs and networking, completing your understanding.
CETG 0137 INTRODUCTION TO WINDOWS XP 24 HRS.  
This course covers all the basic skills and concepts needed to use a computer. You will learn how to work with text, pictures, sound, music, DVD, etc. and build your own LAN.

CETG 0139 MEDICAL TERMINOLOGY 24 HRS.  
The Anatomy of Medical Terminology teaches terminology from an anatomical approach using root terms. A student’s learning will allow them to interpret medical notes.

CETG 0140 INTRODUCTION TO NATURAL HEALTH & HEAL 24 HRS.  
This course is designed for anyone who wants to learn how to promote wellness, balance and health in their daily lives, and will give students an understanding of natural health.

CETG 0141 CRAFT OF MAGAZINE WRITING 24 HRS.  
Turn your dreams into bylines and help yourself to a bright future as a magazine writer. It’s a great source of extra income and this class will teach you all the skills you need.

CETG 0142 WRITERIFIC CREATIVITY TRAINING 24 HRS.  
In this class, you’ll learn lots of tricks from a published writer’s toolbox. Writerific liberates the imagination and the inventive bolts of genius that are in everyone.

CETG 0145 INTRODUCTION TO DATABASE DEVELOPMENT 24 HRS.  
You will be guided step-by-step through all phases of a system development project to guarantee that the resulting product will not only work as it was designed, but respond to user needs.

CETG 0146 INTRODUCTION TO SQL 24 HRS.  
Learn key concepts of Structured Query Language & knowledge of this database programming language. Learn basic structure of relational databases, how to read and write SQL statements and advanced data manipulation techniques.

CETG 0147 INTRODUCTION TO PERL PROGRAMMING 24 HRS.  
A powerful and easy to use scripting language used on PC’s, servers, and the Internet for a wide range of programming problems. Perl skills are valuable for Web developers, software developers, and system administrators.

CETG 0151 DESIGNING EFFECTIVE WEBSITES 24 HRS.  
This course will teach you powerful graphic design technique that will help you build Web sites that are attractive and highly effective. You’ll also learn what attracts visitors.

CETG 0152 SPEED SPANISH 24 HRS.  
This course is designed for anyone who wants to learn Spanish pronto! You’ll learn six recipes for gluing Spanish words together to form sentences.

CETG 0153 GRAMMAR FOR ESL 24 HRS.  
If English is your second language, this class will provide you with an in-depth analysis of English grammar and structure so that you can communicate better in English.

CETG 0154 A TO Z GRANT WRITING 24 HRS.  
This is an invigorating and informative seminar created for executive directors, organizers, board members, volunteers and others who want to learn the grant writing process.

CETG 0155 BECOMING A GRANT WRITING CONSUL 24 HRS.  
Learn how you can use a basic knowledge of grant or proposal writing to become an expert in the red-hot grant consulting field. Use your creative writing skills to make a difference.

CETG 0160 INTRODUCTION TO STOCK OPTIONS 24 HRS.  
Learn how to evaluate, buy, sell and profit with investment tools that used to only be for pros. Learn how to protect your portfolio and profit in an up, down or flat market.

CETG 0164 INTRODUCTION TO JAVA PROGRAMMING 24 HRS.  
Learn Java but don’t need prior programming knowledge. Practical exercises and examples teach you the most important Java concepts including databases and Java Server Pages.

CETG 0168 KEY TO EFFECTIVE COMMUNICATION 24 HRS.  
Lost for words? Don’t be! Learn communication tools to make a good first impression and build rapport. Become more confident to build better personal and work relationships.

CETG 0171 SUCCESS WITH DIFFICULT PEOPLE 24 HRS.  
Learn how to have successful relationships with difficult bosses, co-workers, students, neighbors and family members. Understand communication styles to resolve people problems.

CETG 0172 GET ASSERTIVE!! 24 HRS.  
Are you tired of being intimidated by others? Learn the skills to be assertive with bosses, co-workers, friends and family members, and how to diffuse anger & avoid criticism.

CETG 0173 GRAMMAR REFRESHER 24 HRS.  
Gain confidence in your ability to write grammatically correct documents or speeches. Using definitions, examples, & reinforcing exercises you’ll cover the basics of grammar.

CETG 0174 12 STEPS SUCCESSFUL JOB SEARCH 24 HRS.  
Get the job you want quickly & easily in any economy. You’ll learn step-by-step how to build rapport & the six phases of a successful job interview. Increase your confidence, too!

CETG 0175 RESUME WRITING WORKSHOP 24 HRS.  
Create an effective resume’, or improve the one you have. Transform your resume’ into a powerful tool to get that interview! Learn effective styles, persuasive cover letters.

CETG 0176 INDIVIDUAL EXCELLENCE 24 HRS.  
Master 12 career-enhancing skills including goal setting, time management, personal organization, and creativity. Also gain confidence and learn to minimize conflict in your life.

CETG 0177 CREATING A SUCCESSFUL BUS PLAN 24 HRS.  
Turn your business ideas into a solid plan for finance and long-term success. Learn the major components & emerge with a draft in hand. You’ll complete that important first step!

CETG 0182 WRITE EFFECTIVE GRANT PROPOSAL 24 HRS.  
Learn to prepare proposals that get results for your group or organization. Avoid the mistakes that get worthy proposals tossed into the trash!

CETG 0183 UNDERSTANDING ADOLESCENTS 24 HRS.  
To know your kids is to love them! This course will help you gain an understanding and appreciation of your adolescent’s behavior. Learn steps to meet their needs.

CETG 0185 ACHIEVING TOP SEARCH ENGINE 24 HRS.  
Nearly 90% of web traffic comes from search engines. Learn how to achieve the highest possible position with the major search engines.

CETG 0186 INTRODUCTION TO VISUAL BASIC 6.0 24 HRS.  
Learn how to maneuver through the Visual Basic environment, how to use VB language, the basics of window design and how to add controls to your user interfaces.

CETG 0187 KEYBOARDING 24 HRS.  
Using the computer software program FastType for Windows, you will learn the basic skills of touch typing. This course will help you improve your speed and accuracy.

CETG 0192 DISCOVER DIGITAL PHOTOGRAPHY 24 HRS.  
This course provides an introduction to the fascinating technology of digital photography. You’ll learn the basics of equipment, software, printing, Internet and email use.

CETG 0193 GUIDE YOUR KIDS ON INTERNET 24 HRS.  
This essential course for teachers, leaders and parents will give you the confidence you need to help children get the best from the Internet and use its to its full potential.

CETG 0194 GROW PLANTS FOR FUN & PROFIT 24 HRS.  
This course is a practical guide to licensing, site preparation, equipment, how and where to find supplies, how to select plants and how to market your product.

CETG 0195 BEGINNING BRAILLE 24 HRS.  
Prepare for a rewarding career as a Braille transcriber by learning to write and read the tactual language of the blind. Learn the history of Braille and the Braille alphabet.

CETG 0204 GENEALOGY BASICS 24 HRS.  
In this course, you will explore many Internet sites where you can search for family names. You’ll learn where to look, who to contact and how to use research tools.

CETG 0208 INTRODUCTION TO ORACLE 24 HRS.  
Learn how to use Oracle database management to plan, organize, and manage your data. You will be introduced to Structured Query Language (SQL) and other tools.

CETG 0210 GED PREPARATION 24 HRS.  
If you are comfortable reading newspapers and you can add, subtract, multiply and divide without a calculator, this course will help you learn additional skills to pass the GED.
CETG 0211 SAT/ACT PREPARATION 1 24 HRS.
This course prepares you for the Verbal and Science Reasoning sections of the SAT/ACT tests.

CETG 0212 SAT/ACT PREPARATION 2 24 HRS.
In this course, we will analyze each of the quantitative test question areas on the ACT/SAT test. Topics include basic and advanced math, algebraic and geometry concepts.

CETG 0213 NETWORK+ CERTIFICATION PREP 24 HRS.
This course will teach you what you need to know to pass the challenging Network+ certification exam and become a network technician. Also passes as an elective exam for MCSA Cert.

CETG 0220 INTRODUCTION TO NETWORKING 24 HRS.
Learn who networks have become so important, how software and hardware makes networking possible, and how networks function. This is the foundation for CCNA Certification.

CETG 0225 COMPUTER SKILLS FOR WORKPLACE 24 HRS.
Learn the fundamental computer skills you need to succeed in today's workplace. You'll discover practical applications for email, word processing, spreadsheets and databases.

CETG 0228 FUNDAMENTALS OF TECH WRITING 24 HRS.
Discover the secrets of successful technical writers, including technical writing conventions, interviewing skills documentation management and how to get your first job.

CETG 0229 THE KEYS TO EFFECTIVE EDITING 24 HRS.
This course will teach you the fundamentals of top-notch editing for both fiction and non-fiction. If you already work as an editor, you'll learn about recent advances.

CETG 0230 WRITE LIKE A PRO 24 HRS.
Writing a successful novel, screenplay, business report or non-fiction book is easier when you work from a well thought out story outline. You'll learn story structure techniques.

CETG 0231 INTRODUCTION TO INTERNET WRIT. MARKET 24 HRS.
This course will help you discover a wide variety of new markets for your writing. If you're a professional writer or just dreaming of being one, this course is for you.

CETG 0238 LEADERSHIP 24 HRS.
Gain the respect and admiration of others, enjoy success in your career, control your destiny. Use the principles of great leaders to achieve success in every aspect of your life.

CETG 0240 ENJOYING EUROPEAN ART 24 HRS.
This course will introduce you to the most important works of European art, with a wealth of commentary and interesting historical information.

CETG 0242 INTERMEDIATE NETWORKING 24 HRS.
Real-world applications and a full understanding of almost every aspect of networking technology, including virtual private networks, security, and Internet connectivity and then onto training for CCNA certification. Register at www.ed2go.com/saltlakecc

CETG 0244 SECRETS OF BETTER PHOTOGRAPHY 24 HRS.
Basic technology that all cameras use, helpful information on exposure and lighting. Explore strategies for excellent photos in all types of situations.

CETG 0250 ACCOUNTING FUNDAMENTALS 24 HRS.
This course will teach you the basics of double-entry bookkeeping, and how to analyze and record financial transactions and prepare various financial reports.

CETG 0251 EFFECTIVE BUSINESS WRITING 24 HRS.
If you communicate with others in writing, this course will help you identify and eliminate problem areas, and learn the secrets to developing powerful written documents.

CETG 0252 SUCCESSFUL CONSTRUCT BUS. MGMT 24 HRS.
You can reap the business rewards from this complete, hands on approach to expert management practices. Learn to design a superior business operations to serve your customers.

CETG 0256 PROFESSIONAL SALES SKILLS 24 HRS.
If you've dreamed of becoming successful in sales this class is what you need. You'll learn how to turn prospects into buyers and how to provide excellent customer service.

CETG 0257 EFFECTIVE SELLING 24 HRS.
The goal of Effective Selling is to help you discover how you can easily convert a potential customer into a long-term asset. You'll learn to lay the groundwork for repeat buyers.

CETG 0263 GRE PREP 1 VERBAL/ANALYTICAL 24 HRS.
This course covers all the types of questions on the verbal and analytical test, and how to do your best on reading comprehension, analogies, sentence completion, and others.

CETG 0264 GRE PREP 2 QUANTITATIVE 24 HRS.
This course features a math review and techniques for doing the quantitative comparison, discrete quantitative, and data interpretation question in test two.

CETG 0265 GMAT PREPARATION 24 HRS.
This course will provide you with test-taking techniques and methods for improving your score $ saving time on the GMAT.

CETG 0267 BUSINESS AND MARKETING WRITING 24 HRS.
Write great marketing copy to improve your company's image and your chances of getting hired or promoted.

CETG 0270 DRAWING ABSOLUTE BEGINNER 24 HRS.
Gain a solid foundation in drawing and become the artist you've always dreamed you could be!

CETG 0272 SOLVING CLASSROOM DISCIPLINE PROB 24 HRS.
Veteran teacher reveals the secrets to an orderly classroom. A step-by-step approach to effective, positive discipline.

CETG 0273 INTRODUCTION TO VETERINARY ASSISTING 24 HRS.
Practicing veterinarian prepares you to work in a veterinary office or hospital.

CETG 0275 INTRODUCTION TO C++ PROGRAMMING 24 HRS.
Learn to program in C++, even if you have no prior programming experience.

CETG 0277 GET PAID TO TRAVEL 24 HRS.
Learn everything you need to start your new and exciting career as a professional director.

CETG 0278 BEG CONVERSATIONAL FRENCH 24 HRS.
Discover how easy it can be to learn common words and phrases for both leisure and business.

CETG 0282 ADV GRANT PROPOSAL WRITING 24 HRS.
Gain a full understanding of the criteria founders use to determine whether your grant proposal gets funded or rejected.

CETG 0283 PHOTOGRAPH PEOPLE W/DIGITAL CAMERA 24 HRS.
Expert shows you how to take beautiful pictures of adults, children, and babies.

CETG 0284 WRITERRIFIC II ADVANCED CREATIVE WRITING 24 HRS.
Increase your creativity whether you're writing for personal satisfaction or to launch a career.

CETG 0290 BEG GUIDE TO GETTING PUBLISHED 24 HRS.
Published writer shows you how to give yourself the credibility you need to get your books and articles published.

CETG 0291 PUBLISH IT YOURSELF 24 HRS.
Convert manuscripts into income by producing and selling books like the pros.

CETG 0292 PERSONAL FINANCE 24 HRS.
Protect your assets and discover how best to achieve all your financial goals.

CETG 0296 LEARN TO BUY & SELL ON EBAY 24 HRS.
Auction pros teach you how to work from home or earn extra income by buying and selling goods on-line.

CETG 0299 MERRILL REAM SPEED READING 24 HRS.
Acclaimed speed reading expert teaches you how to save yourself time by reading faster with better comprehension.

CETG 0300 INTRODUCTION TO MICROSOFT OUTLOOK 2003 24 HRS.
Harness the communication and information management power of Microsoft Office Outlook 2003.

CETG 0301 INTRODUCTION TO CRYSTAL REPORTS 24 HRS.
Make the points you want to make by converting raw database or accounting information into impressive and meaningful reports.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CETG 0303</td>
<td>Research Methods for Writers</td>
<td>24</td>
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<tr>
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<td>Learn the most efficient and effective methods to conduct research for</td>
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<td>any writing project.</td>
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<td>CETG 0305</td>
<td>Secrets of the Caterer</td>
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<td>Learn cooking and business secrets from a professional caterer.</td>
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<td>CETG 0307</td>
<td>Real Estate Investing</td>
<td>24</td>
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<td>Build and protect your wealth by investing in real estate.</td>
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<td>CETG 0308</td>
<td>Intermediate Oracle</td>
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<td></td>
<td>Learn how to write powerful and flexible PL/SQL programs.</td>
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<tr>
<td>CETG 0309</td>
<td>Handling Medical Emergencies</td>
<td>24</td>
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<td>Every second counts during a medical emergency. Learn how to respond</td>
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<td>if someone needs your help.</td>
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<td>CETG 0311</td>
<td>LSAT Preparation</td>
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<td>Learn about law school entrance procedures, developing analytical</td>
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<td>reasoning skills, and improving your test-taking skills (course 1 of 2)</td>
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<td>CETG 0312</td>
<td>LSAT Prep Part 2</td>
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<td>Improve your reading comprehension and logical reasoning skills, and</td>
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<td>discover proven approaches for selecting correct exam answers (course 2 of 2)</td>
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<td>CETG 0316</td>
<td>Interpersonal Communication</td>
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<td>Become aware of the conscious and unconscious codes of meaning we</td>
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<td>send when communicating with others.</td>
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<td>CETG 0317</td>
<td>Introduction to Algebra</td>
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<td>Understand how algebra is relevant to almost every aspect of your</td>
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<td>daily life, and become skilled at solving a variety of algebraic</td>
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<td>CETG 0318</td>
<td>Introduction to Photoshop CS4</td>
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<td>Learn to use Adobe Photoshop CS4 to edit images, process photos, and</td>
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<td>create original graphics.</td>
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<td>CETG 0320</td>
<td>Introduction to Microsoft Word 2003</td>
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<td>Learn how to create and modify documents with the world's most popular</td>
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<td>CETG 0321</td>
<td>Intermediate Microsoft Word 2003</td>
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<td>Take advantage of Word 2003's publishing capabilities to create</td>
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<td>eye-catching documents.</td>
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<td>CETG 0322</td>
<td>Advanced Microsoft Word 2003</td>
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<tr>
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<td>Learn how to create and use macros, shortcuts, form letters, mailing</td>
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<td>labels, queries, and more.</td>
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<td>CETG 0323</td>
<td>Introduction to Microsoft Excel 2003</td>
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<td></td>
<td>Discover the secrets to setting up fully formatted worksheets quickly</td>
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<td>and efficiently.</td>
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<td>CETG 0324</td>
<td>Intermediate Microsoft Excel 2003</td>
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<td></td>
<td>Work faster and more productively by learning to use some of Excel 2003's most powerful tools.</td>
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<td>CETG 0325</td>
<td>Introduction to Microsoft Access 2003</td>
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<td></td>
<td>Learn how to store, locate, print and automate access to all types of</td>
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<td>information.</td>
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<td>CETG 0326</td>
<td>Introduction to Alice 2.0 Programming</td>
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<td>Learn the principles of object-oriented computer programming create</td>
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<td>rich, interactive, ydimensional worlds with characters, sound, and</td>
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<td>other exciting elements.</td>
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<td>CETG 0327</td>
<td>Introduction to Microsoft Project 2003</td>
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<tr>
<td></td>
<td>Experienced project manager reveals how to use the world's most</td>
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<td>popular tool for planning, implementing, and controlling projects.</td>
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<td>CETG 0330</td>
<td>Advanced Microsoft Excel 2003</td>
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<td>Increase your potential and maximize your value by becoming an expert</td>
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<td>Microsoft Excel user.</td>
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<td>CETG 0334</td>
<td>Wireless Networking</td>
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<tr>
<td></td>
<td>Industry expert shows you how wireless networking works, as well as</td>
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<td>how to plan, deploy, and connect to wireless networks.</td>
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<td>CETG 0337</td>
<td>Introduction to Journaling</td>
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<td></td>
<td>Discover how journaling can help you learn more about yourself.</td>
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<td>CETG 0341</td>
<td>Introduction to Microsoft Powerpoint 2003</td>
<td>24</td>
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<td></td>
<td>Learn how to use PowerPoint to create dazzling slide presentations</td>
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<td></td>
<td>with awesome multi-media slides, charts, outlines, graphs, clip art,</td>
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<td>hyper text links, special effects.</td>
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<td>CETG 0342</td>
<td>Introduction to PC Security</td>
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<td></td>
<td>Security expert teaches the fundamentals of PC and network security.</td>
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<td>CETG 0346</td>
<td>Introduction to PHP and MySQL</td>
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<td></td>
<td>Learn to build dynamic, data-driven Web site using two of the most</td>
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<td>popular technologies available: PHP and My SQL.</td>
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<td>CETG 0347</td>
<td>Making Movies with XP</td>
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<td></td>
<td>Turn your home videos into entertaining movies that you can share with</td>
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<td>others by e-mail, the Web, CD and DVD.</td>
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<td>CETG 0348</td>
<td>Introduction to Microsoft Frontpage</td>
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<td></td>
<td>Find out how FrontPage makes it easy to create and upload professional</td>
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<td>Web sites without programming.</td>
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<td>CETG 0349</td>
<td>Music Made Easy</td>
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<td></td>
<td>Learn the fundamentals of music theory. Be able to read, write, and</td>
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<td></td>
<td>play simple music.</td>
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<td>CETG 0350</td>
<td>Accounting Fundamentals II</td>
<td>24</td>
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<td>Give yourself skills that are in high demand by exploring corporate</td>
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<td>accounting with a veteran instructor.</td>
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<td>CETG 0351</td>
<td>Writing for ESL</td>
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<td></td>
<td>Learn how to write in English more effectively to succeed in college</td>
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<td>and at work.</td>
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<td>CETG 0352</td>
<td>Speed Spanish II</td>
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<td>Clever follow-up to our popular Speed Spanish course. Several new</td>
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<td>recipes help you quickly build fluency.</td>
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<td>CETG 0353</td>
<td>Writing for Children</td>
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<td>Published children's author shows you how to touch the hearts of</td>
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<td>children by creating books for them.</td>
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<td>CETG 0354</td>
<td>Beginning Writer's Workshop</td>
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<td>Get a taste of the writer's life and improve your writing skills in</td>
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<td>this introduction to writing creatively.</td>
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<td>CETG 0355</td>
<td>CompTIA Security+ Certification</td>
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<td>Master the terms and concepts you need to pass the CompTIA Security+</td>
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<td>exam and earn your Security+ certificate.</td>
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<td>CETG 0356</td>
<td>CorelDRAW X3</td>
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<td>Learn how CorelDraw can help you create dazzling logos and other</td>
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<td>artwork for print or the Web.</td>
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<td>CETG 0357</td>
<td>Building Wealth</td>
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<td>Certified financial planner show you how most wealthy people build</td>
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<td>their fortunes.</td>
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<td>CETG 0359</td>
<td>Introduction to Flash MX 2004</td>
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<td>Learn to quickly create dynamic, entertaining, and interactive Web</td>
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<td>sites with Flash MX 2004.</td>
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<td>CETG 0364</td>
<td>Introduction to ASP.NET</td>
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<td>Learn how to create powerful, interactive, community-based Web sites</td>
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<td>with ASP.NET.</td>
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<td>CETG 0366</td>
<td>Introduction to Dreamweaver Microsoft 2004</td>
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<td>Veteran designer helps you master the industry standard tool for</td>
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<td>building professional Web sites.</td>
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<td>CETG 0367</td>
<td>Where Does All My Money Go?</td>
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<td>Learn how to get control of your money once and for all.</td>
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<td>CETG 0369</td>
<td>Real Estate Law</td>
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<td>Learn the basics of real estate law, including investing, title</td>
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<td>searching, and mortgages.</td>
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<td>CETG 0371</td>
<td>Introduction to Flash 8</td>
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<td>Learn how to create exciting interactive animations from a working</td>
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<td>Flash designer and author.</td>
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<td>CETG 0372</td>
<td>Introduction to CSS and XHTML</td>
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<td>Learn to create state-of-the-art Web sites using modern CSS and XHTML</td>
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<td>CETG 0373</td>
<td>C++ Programming for Beginner</td>
<td>24</td>
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<td>Learn the fundamentals of computer programming with the new C++</td>
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<td>programming language.</td>
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<td>CETG 0374</td>
<td>Introduction to Microsoft Visio 2003</td>
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<td></td>
<td>Learn how to design professional-looking diagrams with Microsoft Visio</td>
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COURSE DESCRIPTIONS

CETG 0377  INSTANT ITALIAN  24 HRS.
Learn Italian from the comfort of your home in this fun and enjoyable online course.

CETG 0380  INTERMEDIATE MICROSOFT ACCESS 2003  24 HRS.
Learn to solve real-world business problems with Microsoft Access 2003.

CETG 0381  CREATE GRAPHICS W/PHOTOSHOP CS3  24 HRS.
Learn how to use Photoshop to create graphics for the Web.

CETG 0382  GET GRANTS!  24 HRS.
Learn how to develop successful, fundable grants from experts in the field.

CETG 0385  ADVANCED FICTION WRITING  24 HRS.
Explore advanced fiction writing techniques with a published novelist.

CETG 0387  INTRODUCTION TO PHOTOSHOP  24 HRS.
Learn how to use Photoshop CS3 to fix and process photos and create original images.

CETG 0388  SURVIVAL KIT FOR TEACHERS  24 HRS.
Veteran instructor shares the secrets for success in your first years of teaching.

CETG 0394  START OWN SMALL BUSINESS  24 HRS.
Stop dreaming and learn how to start your own successful small business.

CETG 0399  INTRODUCTION TO TEACHING ESL/EFL  24 HRS.
Learn how to be an effective English language teacher from an expert in the field.

CETG 0400  CREATING WEB PAGES II  24 HRS.
Learn to develop polished and interactive pages complete with tables, forms, frames, audio, and CSS.

CETG 0401  INTRODUCTION TO MICROSOFT OUTLOOK 2007  24 HRS.
Harness the communication and information management power of Microsoft Office Outlook 2007.

CETG 0402  SKILLS/MAKING GREAT DECISIONS  24 HRS.
Learn how to make excellent everyday decisions from an experienced counselor and life coach.

CETG 0404  BUS LAW FOR SM BUSINESSMEN  24 HRS.
Learn how to successfully protect your small business and solve most of the legal problems that may arise.

CETG 0406  CREATING A CLASSROOM WEBSITE  24 HRS.
Learn how to create a classroom Web site and how having one can make you a more effective and dynamic teacher.

CETG 0407  REAL ESTATE INVESTING II  24 HRS.
Discover the tools professional investors use to crunch numbers and analyze potential deals, and learn how to make better decisions with sophisticated, yet easy-to-use worksheets for doing your own financial analysis.

CETG 0409  INTRODUCTION TO INDESIGN CS3  24 HRS.
Get hands-on desktop publishing training and come away knowing how to use this popular page layout software.

CETG 0414  INTRODUCTION TO ILLUSTRATOR CS3  24 HRS.
Get the training you need to create infinitely resizable vector image using Adobe Illustrator CS3.

CETG 0419  INTRODUCTION TO PHOTOSHOP CS2  24 HRS.
Learn how to use Photoshop to fix and process photos and create original images.

CETG 0420  INTRODUCTION TO MICROSOFT WORD 2007  24 HRS.
Learn how to create an modify documents with the world's most popular work processor.

CETG 0421  INTERMEDIATE MICROSOFT WORD 2007  24 HRS.
Learn advanced features of Microsoft Word 2007 and create an index, a list of figures, table of contents, do desktop publishing, perform a mail merge, and use timesaving macros.

CETG 0423  INTRODUCTION TO MICROSOFT EXCEL 2007  24 HRS.
Work with numbers? You need to know Excel. Learn the secrets of this powerful application.

CETG 0424  INTERMEDIATE MICROSOFT EXCEL 2007  24 HRS.
Master advanced features of Microsoft Excel 2007, including charting and Pivot Tables, and discover how this powerful Microsoft Office progran can boost your productivity.

CETG 0425  MICROSOFT ACCESS 2007  24 HRS.
Learn how Microsoft's powerful database can help you store and manage information you've collected about your business, home, or community.

CETG 0427  INTRODUCTION TO MICROSOFT VISTA  24 HRS.
Learn the important basic skills and concepts you need to take control of your Windows Visa PC.

CETG 0429  DESIGN PROJECT/ADOBE ILLUSTRATOR  24 HRS.
Practice while you learn the fundamentals of Adobe Illustrator CS2 with useful design projects.

CETG 0435  INTRODUCTION TO MICROSOFT PUBLISHER 2007  24 HRS.
Learn how to design, create, and publish a wide variety of stunning documents using Microsoft Publisher 2007.

CETG 0438  PHOTOSHOP ELEMENTS 6.0  24 HRS.
Learn the secrets of Adobe's Photoshop Elements 6.0 and successfully edit your images!

CETG 0439  MEDICAL CODING  24 HRS.
Learn how to use the CPT manual and the ICD-9-CM to find medical codes for any disease, condition, treatment, or surgical procedure.

CETG 0440  INTRODUCTION TO QUICKBOOKS 2007  24 HRS.
Learn how to quickly and efficiently gain control over the financial aspects of your business.

CETG 0441  PAYROLL FOR QUICKBOOKS 2007  24 HRS.
Learn how to quickly and efficiently gain control over the financial aspects of your business.

CETG 0442  ADVANCED PC SECURITY  24 HRS.
Use ethical hacking techniques to locate and close security holes in your own network.

CETG 0443  PHOTOSHOP CS3 DIGITAL PHOTOGRAPHER  24 HRS.
Learn how to use Adobe's Photoshop CS3 to edit and enhance your photographic images.

CETG 0444  INTRODUCTION TO DREAMWEAVER CS4  24 HRS.
Learn to use Adobe Dreamweaver CS4 to design, create, and maintain user-friendly Web sites.

CETG 0446  INTERMEDIATE PHP & MYSQL  24 HRS.
Learn how to create a dynamic, interactive online store using advanced PHP techniques and a MySQL database server.

CETG 0452  SPEED SPANISH III  24 HRS.
Master your ability to speak, understand, and read Spanish by taking the final installment in our unique three-part Speed-Spanish learning series.

CETG 0462  MICROSOFT POWERPOINT 2007  24 HRS.
Learn how to use Microsoft PowerPoint 2007 to create impressive, professional-looking slide presentations.

CETG 0464  INTERMEDIATE JAVA PROGRAMMING  24 HRS.
Deepen your understanding of the Java programming language, and start writing programs that are more sophisticated and professional.

CETG 0466  INTRODUCTION TO DREAMWEAVER 8  24 HRS.
Silicon Alley veteran shows you how to harness the power of the industry standard tool for Web designers.

CETG 0472  INTERMEDIATE CSS & XHTML  24 HRS.
Take your CSS and XHTML skills to the next level and learn how to create professional-quality Web sites.

CETG 0473  INTERMEDIATE PROGRAMMING  24 HRS.
Learn to write Graphical User Interface programs in the C# Programming Language.

CETG 0474  INTRODUCTION TO MICROSOFT VISIO 2007  24 HRS.
Get the training you need to create professional-looking flowcharts and diagrams.

CETG 0480  INTERMEDIATE MICROSOFT ACCESS  24 HRS.
Expand your Microsoft Access 2007 skills to build better, more user-friendly Access databases.

CETG 0483  PHOTOSHOP ELEMENTS 7  24 HRS.
In this Adobe Photoshop Elements 7 class, you’ll learn the secrets to successfully editing photos and bringing out the best in your images!

CETG 0486  INTERMEDIATE VISUAL BASIC 2005  24 HRS.
Discover how to write VB programs that can access and modify a database.
CETG 0487  INTERMEDIATE PHOTOSHOP CS3  24 HRS.
Have fun taking your Photoshop CS3 skills to the next level of creativity and productivity.

CETG 0494  START ARTS & CRAFTS BUSINESS  24 HRS.
Learn how to start your own arts and crafts business from a professional artist.

CETG 0538  PHOTOSHOP ELEMENTS 6.0 II  24 HRS.
If you already know the basics of Photoshop Elements 6.0, it’s time to learn the advanced features.

CETG 0540  INTRODUCTION TO QUICKBOOKS 2008  24 HRS.
Learn how to quickly and efficiently gain control over the financial aspects of your business.

CETG 0566  INTRODUCTION TO DREAMWEAVER CS3  24 HRS.
Learn Adobe Dreamweaver from a Web design pro. and get the training you need to develop first-class Web sites.

CETG 0567  INTERMEDIATE DREAMWEAVER CS3  24 HRS.
Take your Adobe Dreamweaver skills to the next level under the tutelage of a proven Web development expert.

CETG 0586  INTRODUCTION TO VB 2008  24 HRS.
Learn to create Windows applications using the popular and easy-to-master Visual Basic 2008.

CETG 0638  PHOTOGRAPH NATURE W/DIGG CAMERA  24 HRS.
Learn how to use your digital camera to take stunning nature photos.

CETG 0640  INTRODUCTION TO QUICKBOOKS 2009  24 HRS.
Learn how to quickly and efficiently gain control over the financial aspects of your business.

CEWB 0001  WNET  0 TO 10 HRS.
Women's Network for Entrepreneurial training. Mentoring and training initiative of the US SBA, designed to train participants in professional skills that promote positive and profitable business development.

CEWB 0100  WBI-COUNSELING  0 TO 100 HRS.
One on one counseling with small business owners.

CHE 2000  COOPERATIVE EDUCATION  1 TO 2 CR.
Prereq: Sophomore w/minimum 2.0 GPA, instructor's approval. This is a supervised work experience in a business, industrial or government environment, related to the program major. Credit is award for successful completion of specified learning objectives.

CHE 2300  ENGINEERING THERMODYNAMICS  2 CR.
Prereq: CHEM 1210, MATH 1220, and PHYS 2210. First and second law of thermodynamics, internal energy, enthalpy, entropy and open and closed systems are covered. Engineering cycles including Carnot, Otto, Diesel, Brayton and Refrigeration are introduced.

CHE 2450  NUMERICAL METHODS  2 CR.
Prereq: ENGR 1040, MATH 2250, concurrent with MATH 2210 suggested but not required. Numerical techniques used in engineering computing, including: convergence, error accumulation, roots, solution of linear and nonlinear equations, numerical integration and differentiation, and solutions to differential equations.

CHE 2800  FUND. OF PROCESS ENGINEERING  3 CR.
Prereq: CHE 2300. Material and energy balances, fundamentals of multicomponent phase properties and phase equilibria, numerical and graphing calculations, degrees of freedom and applications to process engineering calculations are covered.

CHE 2900  SPECIAL TOPICS-CHEM. ENGINEERING  1 TO 3 CR.
Special Topics in Chemical Engineering

CHEF 1110  SANITATION  3 CR.
Develop an understanding of basic principles of sanitation and safety. Be able to apply them in foodservice operations. Reinforce personal hygiene habits, protecting consumer’s health. Class is prerequisite/concurrent for any lab class.

CHEF 1120  INTRODUCTION TO FOOD SERVICE  3 CR.
An overview of the food service industry both past and present. Organizational structure and various types of food service establishments are studied. Current and future trends in the food industry are examined and discussed.

CHEF 1130  MANAGEMENT OF MARKETING  3 CR.
Marketing is the foundation for every successful business. Managers must understand the principles of the marketing cycle, who customers are, what they want and how to set prices. Managers determine goals and track them.

CHEF 1210  FOOD AND BEVERAGE SERVICE  3 CR.
The course concentrates on professional standards of performance for dining room personnel. This course may be taught with a service-learning component. Check course schedule for details.

CHEF 1250  FOOD PREPARATION  6 CR.
Prereq: Student must have Serve Safe certification, or be concurrently enrolled in the CHEF 1110 class or have passed CHEF 1110 with a C grade or better. Concurrently with CHEF 1350. Basic fundamental skills and techniques are presented through lecture and demonstration emphasizing organization and coordination of tasks.

CHEF 1299  SPECIAL STUDIES  2 TO 5 CR.
Prereq: Department Approval Designed to assist students to obtain specialized training specific to industry needs. Is taught on an as-needed basis when requested by industry.

CHEF 1320  BUSINESS MATH (QS)  3 CR.
This class introduces students to the need and principles of controlling costs of food and beverages in a hospitality operation. This course also satisfies the General Ed requirement for AAAS degrees, certificates and diplomas.

CHEF 1330  FOUNDATION WINE  3 CR.
Prereq: 21 years of age minimum. This course will provide training on the pairing of food and beverages, including wines and other beverages both alcoholic and non-alcoholic. No alcohol will be consumed in the class.

CHEF 1350  FOOD PREPARATION LAB  6 CR.
Prereq: Student must have Serve Safe certification, or be concurrently enrolled in the CHEF 1110 class or have passed CHEF 1110 with a C grade or better. Concurrently with CHEF 1250. This is an applied, hands-on skill training of principles learned in the CHEF 1250 class. Students have already completed or must concurrently be registered for the CHEF 1110 class.

CHEF 1600  HERB HORTICULTURE  1 CR.
This course is a combination of both lecture and hands-on. Students identify, cultivate and use various herbs. Students plant, maintain and harvest herbs from a school garden.

CHEF 2000  BAKING CO-OP  4 CR.
Cooperative education permits the students to gain college credit for the hours spent on the job. Advanced registration and agreement signed between employer, student, and the College must be in place before the semester begins.

CHEF 2001  CULINARY ARTS CO-OP  2 TO 4 CR.
Co-op permits students to gain college credit for the hours spent on the job. Adv registration and agreement signed between employer, student, and College required prior to the semester begins.

CHEF 2410  PURCHASING  3 CR.
To understand overall concept of purchasing, receiving practices, and regulations governing food products. Receive and store food and non-food items properly.

CHEF 2420  BAKING  3 CR.
Prereq: Student must have Serve Safe certification, or be concurrently enrolled in the CHEF 1110 class or have passed CHEF 1110 with a C grade or better. Concurrently with CHEF 2460. An introduction to the principles and techniques used in the preparation of high-quality baked goods and pastries and evaluation of quality characteristics.

CHEF 2460  BAKING LAB  3 CR.
Prereq: Student must have Serve Safe certification, or be concurrently enrolled in the CHEF 1110 class or have passed CHEF 1110 with a C grade or better. Concurrently with CHEF 2420. To apply the fundamentals of baking science to the preparation of a variety of products. To use and care for equipment normally found in the bakeshop or baking area. Activities are in a lab setting using hands-on experiences.

CHEF 2510  CONTINENTAL CUISINE  3 CR.
Prereq: Student must have Serve Safe certification, or be concurrently enrolled in the CHEF 1110 class or have passed CHEF 1110 with a C grade or better. Concurrently with CHEF 2500. Cold kitchen cookery is taught. An introduction to three main areas of the cold kitchen, reception foods, plated appetizers, and buffet arrangements.
CHEF 2520  NUTRITION  3 CR.
In this course, students learn about basic nutrients, food labeling, current issues in nutrition, and the application of nutritional principles to menu development.

CHEF 2560  CONTINENTAL CUISINE LAB  3 CR.
Prereq: Student must have Serve Safe certification, or be concurrently enrolled in the CHEF 1110 class or have passed CHEM 1110 with a C grade or better. Concurrently with CHEF 2510. This is an applied, hands-on skill training of principles learned in the CHEF 2510 class. Students have already completed or must concurrently be registered for the CHEF 1110 class.

CHEF 2610  MENU DESIGN  3 CR.
To apply the principles of menu planning and layout to the development of menus for a variety of types of facilities and service.

CHEF 2620  SUPERVISION AND TRAINING  3 CR.
To prepare for the transition from employee to supervisor. To evaluate styles of leadership and develop skills in human relations and personnel management.

CHEF 2880  CATERING MANAGEMENT  3 CR.
Prereq: Student must have Serve Safe certification, or passed an endorsed Serve Safe class with a C grade or better or be concurrently enrolled in the CHEF 1110 class. This class introduces students to the world of catering. Students will study concepts of how to organize and operate a small to mid-size business. A grade of 2.8 or better applies towards 2,000 hours needed for graduation.

CHEM 1010  INTRODUCTION TO CHEMISTRY (PS)  3 CR.
Survey of general chemistry; structure, composition, properties and chemical transformations. This course may be taught with a service-learning component. Check course schedule for details.

CHEM 1100  PREPARATORY CHEMISTRY  3 CR.
Introduction to basic concepts in chemistry. Emphasizes application of math principles, use of computers and other problem-solving methods. Preparation for CHEM 1110 series.

CHEM 1110  ELEMENTARY CHEMISTRY  4 CR.
Prereq: MATH 1010 or equivalent, concurrent with CHEM 1115. Introductory course in general inorganic and organic chemistry of hydrocarbons of functional groups. For health science students and other non-chemistry majors.

CHEM 1115  ELEMENTARY CHEMISTRY LAB  1 CR.
Prereq: Concurrent with CHEM 1110. Graded laboratory taken concurrently with CHEM 1110.

CHEM 1118  ELEMENTARY CHEM. PROBLEM SESSION  1 CR.
Problem session for CHEM 1110. Though not required, students are strongly encouraged to register for this session.

CHEM 1120  ELEMENTARY BIOORGANIC CHEM  4 CR.
Prereq: CHEM 1110, concurrent with CHEM 1125. Introductory organic chemistry of heteroatom functional groups and intermediary biochemistry. Primarily for health science students and other non-chemistry majors.

CHEM 1125  ELEMENTARY BIOORGANIC CHEM LAB  1 CR.
Prereq: concurrent with CHEM 1120. Graded laboratory taken concurrently with CHEM 1120.

CHEM 1128  ELEMENTARY BIOORG. CHEM. PROBLEMS SESS  1 CR.
Problem session for CHEM 1120. Though not required, students are strongly encouraged to register for this session.

CHEM 1210  GENERAL CHEMISTRY I  4 CR.
Prereq: MATH 1050 w/C or better, concurrent with CHEM 1215. Fundamentals of inorganic chemistry. Atomic structure, chemical bonding, chemical reactions, solution chemistry, stoichiometry, periodic table, thermo chemistry, kinetics, gases and kinetic molecular theory will be covered.

CHEM 1215  GENERAL CHEMISTRY LAB I  1 CR.
Prereq: Concurrent with CHEM 1210. Graded laboratory taken concurrently with CHEM 1210.

CHEM 1218  GENERAL CHEM. I PROBLEM SESSION  1 CR.
Problem session for CHEM 1210. Though not required, students are strongly encouraged to register for this session.

CHEM 1220  GENERAL CHEMISTRY II  4 CR.
Prereq: CHEM 1210, concurrent with CHEM 1225. Chemical kinetics, equilibria, acids and bases, entropy and free energy, precipitation reactions, electrochemistry, main group chemistry, nuclear chemistry, metallic bonding theories, hybridization, introduction to organic chemistry
CIS 1013 E-PORTFOLIOS AND OPERATING SYs
Upon completion of this course, students will have prepared and set up their own e-portfolio. Students will also understand the basics of operating systems, file management, and the computer desktop.

CIS 1015 WORD PROCESSING APPLICATIONS
1 CR.
Students will learn basic fundamentals of word processing. Students will learn to create and attach their documents to a e-portfolio.

CIS 1019 SPREADSHEET APPLICATIONS
2 CR.
In this course, students will use various features and use of current spreadsheet software. Students will learn syntax, use and application of spreadsheet features/tools through tutorial lessons and application exercise problems.

CIS 1020 COMPUTER ESSENTIALS (CL)
3 CR.
A hands-on introduction to problem solving using office productivity tools. Basic hardware, software, networking, internet and computer theory topics are discussed.

CIS 1030 OBJECT-ORIENTED PROGRAMMING I
3 CR.
Prereq: Concurrent with CIS 1020 Introduces fundamental concepts of programming using an object-oriented language such as Java. No prior programming experience is necessary for successful course completion. Topics: syntax, control structures, arrays and algorithms.

CIS 1055 DATABASE DESIGN AND PROCESSING
3 CR.
Prereq: CIS 1020. The course provides introduction and broad overview of concepts and basic skills in current database technologies to prepare students for further studies necessary for students to prepare further studies in database programming, application development and administration/management of database systems.

CIS 1070 LIVING IN A DIGITAL WORLD (ID)
3 CR.
This course explores 21st Century business tools needed to prepare learners using web based software with the latest digital media and technology in a real world context to share and communicate knowledge creating a social network.

CIS 1130 OBJECT-ORIENTED PROGRAMMING II
3 CR.
Prereq: CIS 1030 Continuation of CIS 1030. Fundamental concepts of object oriented design and programming in Java. Classes from the Java API and user-defined classes are used. Topics: GUIs, data collection and manipulation, complex algorithms.

CIS 1135 OBJECT-ORIENTED ANALYSIS AND DESIGN
3 CR.
Prereq: CIS 1130 or concurrent Provides practical experience analyzing and designing object-oriented software. Topics include finding classes, identifying attributes and methods, UML, CRC cards, use case scenarios. Software tools will be used.

CIS 1420 INTERNET & HTML F attachments (ID)
3 CR.
Prereq: CIS 1020 or competency. Learn to use the Internet and create Websites. Topics include basic Internet applications & HTML, XHTML, CSS, XML, JavaScript and layout techniques. The Internet's social & legal impacts will be studied.

CIS 1520 OPERATING SYSTEMS
3 CR.
Prereq: CIS 1020 Introduces the fundamental concepts of operating systems. Command-based & graphical OSs are examined. Concepts include virtual memory, multitasking, security, hardware support, & file systems.

CIS 1555 SQL PROGRAMMING
3 CR.
Prereq: CIS 1035 or concurrent. The course provides students with a comprehensive understanding and hands-on experience in SQL, a database computer language designed for the retrieval and management of data in relational database management systems (RDBMS).

CIS 1900 SPEC PROJECT/DSPA
1 CR.
Active participation in Professional Organization of CS and CIS is required. Students must attend and report on the regular meetings of the organization. User Groups and Prof organizations qualify which are approved by instructor.

CIS 2000 CIS CO-OP EDUCATION 1 TO 4 CR.
Prereq: Sophomore 2.0 GPA and CIS major The course provides a supervised work experience in a business, industrial or public sector related to the program major. Credits are awarded for successful completion of learning objectives approved by a faculty coordinator.

CIS 2010 BUS. COMPUTER PROFIC.-DATABASE
3 CR.
Prereq: CIS 1020 or Challenge Exam. Introduces students to use of microcomputer-based database management software as a business problem solution tool. Essential concepts and syntax of database & problem solving through software tutorials & assignments.

CIS 2150 COMPUTER ORGANIZATION
3 CR.
Prereq: CIS 1030 and CIS 1130 (or concurrent) The course explores specific physical and functional characteristics of computer memories, CPU, peripherals and interfaces between components and is designed to clarify the relationships between software and hardware.

CIS 2350 UNIX/LINUX SYSTEM ADMIN.
3 CR.
Prereq: CIS 1020 or competency test Introduction to Unix Usage and Administration. Topics include fundamental commands, communications, networking and script writing. Includes survey of several versions including BSD, AIX, Solaris and Linux.

CIS 2410 ADV. SPREADSHEET APPLICATIONS
3 CR.
Prereq: CIS 1030 or Challenge Exam. In-depth study of features & functions of current electronic spreadsheet software. Students will develop analysis and problem solving skills through working on extensive collection of business-oriented application problems.

CIS 2420 NETWORKING FUNDAMENTALS
3 CR.
Prereq: CIS 1430. This is a Computer Networking foundation course. Topics include the OSI model, common protocol suites, network standards and network topologies. Course covers both PC and mainframe solutions such as NT Server, Novell & Unix.

CIS 2430 WEB PROGRAMMING
3 CR.
Prereq: CIS 1430. Students learn to create Web-based solutions and Internet applications using XHTML, Javascript, PHP and MYSQL. Students will also be introduced to CGI and Java Applets.

CIS 2460 NETWORK MANAGEMENT
3 CR.
Prereq: CIS 1520 Network management using Novell Netware and Windows NT Server. Topics include file system management, security and interoperability in a typical multiprocessor environment.

CIS 2470 ADVANCED JAVASCRIPT AND JSP
Prereq: CIS 2430, CIS 1030. This course is a continuation of CIS 2430 and teaches students to program web-based applications using advanced JavaScript and JSP.

CIS 2550 DATA BASE PROGRAMMING
3 CR.
Prereq: CIS 1030, CIS 2010. Implementation of data base programming usage and concepts in creating a data base system.

CIS 2600 FUNDAMENTALS OF DATABASE MANAGEMENT
3 CR.
Prereq: CIS 1030 or concurrent Includes a study of hardware, standard and customized access methods, DBMS software, and database design methods. Emphasis is on the relations model using R-ER and SOM. Additional topics are: Distributed DB, OODBMS, & Administration.

CIS 2650 ORACLE DATABASE DEVELOPMENT
3 CR.
Prereq: CIS 1530 Introduction to Oracle Database Development. Topics include are: SQL/Plus, PL/SQL, ORACLE forms, ORACLE reports and Designer Tools.

CIS 2730 C++ PROGRAMMING W/OBJECTS
3 CR.
Prereq: CIS 1135 C++ Programming and OO design are studied in this course. Topics include class design and definition, encapsulation, inheritance and polymorphism, file manipulation, dynamic memory, data abstraction, and object interactions.
CIS 2735 WINDOWS APPLICATIONS PROGRAMMING 3 CR.
Prereq: CIS 2730. Adept continuation of CIS 2730. Students will design/develop object-oriented systems in C++. MFC class libraries are studied and used. Database interaction, doc/view architecture, and other topics may be studied & implemented.

CIS 2760 JAVA I 3 CR.
Prereq: CIS 1135 or concurrent Provides the student with the required knowledge & skills to build business object-oriented programs using Java. Students will learn the Java syntax & all necessary object-oriented concepts for the creation of meaningful business projects.

CIS 2770 JAVA II 3 CR.
Prereq: CIS 2760 Provides student with the required knowledge and skills to build advanced business object-oriented programs using Java. Students learn Java APIs, design & program large-scale programs using various design patterns in the software development life cycle.

CIS 2800 BUSINESS SYSTEMS DESIGN 3 CR.
Prereq: CIS 2600, CIS 2760 OR CIS 2730 Learn techniques of analyzing, designing & implementing bus systems. Includes system management, prelim. investigation, detailed investigation, specifications, output & input, documentation, object oriented analysis & design tools.

CIS 2810 E-COMMERCE SYSTEM DESIGN & IMPLEMENTATION 3 CR.
Prereq: CIS 2470 Students will learn the techniques of E-Commerce implementation. The course includes developing an E-Commerce project proposal, managing the project, project reporting, & project implementation, including electronic publishing/presentation.

CIS 2990 CURRENT TOPICS IN CIS 1 TO 3 CR.
Course content varies and is a forum where students are introduced to current and emerging technology. Credit hours vary from 1 to 3 semester hours.

CJ 1010 CRIMINAL JUSTICE (SS) 3 CR.
The course provides the student opportunity to learn of the development and evolution of each of the components of the American Criminal Justice System in tandem with the evolution of American Society.

CJ 1300 INTRODUCTION TO CORRECTIONS 3 CR.
Prereq: CJ 1010 or instructor approval. This course examines the history, function and administration of corrections in our criminal justice system.

CJ 1320 CRIMINAL LAW 3 CR.
Prereq: CJ 1010. Examine crimes, defenses, and the historical origins and functions of criminal law in our society. Included are criminal trial, pre and post-trial motions and the law enforcement officer as a witness & tactics of defendants.

CJ 1340 CRIMINAL INVESTIGATIONS 3 CR.
Prereq: CJ 1010. Duties of officers in investigation of crimes. Included are investigative techniques in preliminary & follow-up investigation: reports, interviewing, interrogation, obtaining information, locating & arresting suspects, prep. for trial.

CJ 1350 INTRODUCTION TO FORENSIC SCIENCE 3 CR.
Prereq: CJ 1340 strongly recommended. This covers the importance of locating, collection and preservation of physical evidence at crime scenes. Included are crime laboratory techniques and services in examination of evidence.

CJ 1360 INTRODUCTION TO HOMELAND SECURITY 3 CR.
Prereq: CJ 1010. Addresses the national strategy for homeland security in the U.S., the various agencies and bureaucracies that make up the infrastructure of homeland security and the role of local law enforcement and first-responders in homeland security.

CJ 1370 INTRODUCTION HOMELAND SECURITY TSA 3 CR.
This course will address the national strategy for Homeland Security in the United States tailored for the Transportation Security Administration (TSA).

CJ 1380 TSA-INTELLIGENCE ANALYSIS 3 CR.
Prereq: CJ 1370. Study of the history of intelligence gathering and analysis, relationships between intelligence officers and policy makers, dangers of intelligence politicization, and successes and failures of intelligence activities.

CJ 1900 SPECIAL STUDIES 1 TO 24 CR.
This course covers independent study in criminal justice. Students can earn 2-4 elective credits for this class. CJ elective credit may also be earned for POST, EMT, or other training courses offered at SLCC Institute of Public Safety.

CJ 1910 SPECIAL FUNCTION/RESERVE OFFICE 12 CR.
Module I 12 weeks. Must be 21 years old by graduation from Module II. Eligible for airport or campus security, corrections and constable service.

CJ 1920 PEACE OFFICER BASIC 12 CR.
Prereq: Must complete CJ 1910. Module II 19 weeks. Law Enforcement Certification.

CJ 2000 CRIMINAL JUSTICE CO-OP 2 TO 4 CR.
Prereq: CJ 1010, CJ 1330, CJ 1340, CJ 1350, CJ 2310. This course provides supervised work experience in a public or private agency related to criminal justice. Must complete specific learning objectives related to their program major and employment.

CJ 2020 CRIMINAL JUSTICE SUPERVISION 3 CR.
Prereq: CJ 1010 Designed for first line supervisors in criminal justice agencies. Topics covered include work environment, diversity, motivation, discipline, evaluation, planning and leadership. Supervisory report writing is an integral part.

CJ 2110 INTRODUCTION TO SECURITY 3 CR.
Prereq: CJ 1010. Studies security in the private sector. Covered are personnel investigations, physical security, investigative techniques, security awareness, risk management and internal and external theft and fraud.

CJ 2260 CONTEMPORARY PRISON AND JAIL ISSUES 3 CR.
Prereq: CJ 1010. Focuses on the various problems encountered in prisons and jails. Topic areas include officer morale & conduct, inmate culture, cultural diversity, custody & control, discipline, treatment, inmate deprivations and violence.

CJ 2330 JUVENILE JUSTICE 3 CR.
Examines juvenile crime, trial and sentencing, trying of juveniles as adults. Laws regarding child abuse, foster care, termination of parental rights, child custody, adoption and the evolving nature of juvenile law.

CJ 2350 LAWS OF EVIDENCE 3 CR.
Prereq: CJ 1330. Course covers law and procedure regarding evidence in criminal cases. Special attention will be placed on laws of arrest, search and seizure and the exclusionary rule. Role in presenting evidence at trial will also be covered.

CJ 2390 TRAFFIC LAW/RELATED SERVICES 3 CR.
Course covers the role of law enforcement in traffic safety, traffic law, accident investigation, auto-related crime investigation and other highway related problems.

CJ 2410 INTRODUCTION TO VICTIMOLOGY 3 CR.
Prereq: CJ 1010. This course examines the science of victimology.

CJ 2420 ANATOMY OF HOMICIDE INVESTIGATION 3 CR.
Prereq: CJ 1350 strongly recommended. This course follows investigative methods utilized in homicide cases.

CJ 2430 SATANISM/CULTS 3 CR.
Prereq: CJ 1010. This course examines Satanism and occult crimes.

CJ 2440 ORGANIZED CRIME 3 CR.
Prereq: CJ 1010. This course examines roots, causes and operations of organized crime in the United States and around the world from the late 1800's at the beginning of the Mafia to modern gangs and organized criminal elements.

CJ 2450 TERRORISM 3 CR.
Prereq: CJ 1010. This course examines the history and development of terrorism in modern society and the destructive methods that terrorists use to accomplish their goals. Also included is a section on bio-terrorism.

CJ 2460 PSYCHOLOGICAL PROFILING 3 CR.
Prereq: CJ 1010. This course examines the technique of criminal investigation analysis and psychological profiling.
CMI 1110 CEMENT MASON INDEPENDENT 1A  5 CR.
This course is an introductory course to concrete finishing. Students will gain a basic knowledge of the construction craft and an introductory understanding of properties of concrete.

CMI 1120 CEMENT MASON INDEPENDENT 1B  5 CR.
Prereq: CMI 1110. This course will provide students with knowledge and skills concerning proper grade preparation as well as requirements and methods of placement, finishing, protecting and curing of concrete.

CMI 1210 CEMENT MASON INDEPENDENT 2A  5 CR.
Prereq: CMI 1120 Students will gain an in-depth understanding of concrete properties and the knowledge base to estimate concrete quantities. Various forming requirements for site concrete and architectural finishes will also be covered.

CMI 1220 CEMENT MASON INDEPENDENT 2B  5 CR.
Prereq: CMI 1210. This course provides students with an in-depth understanding of the application of concrete in industrial and super flat floors. Advanced study in surface treatments, quality control issues and repairs are also covered.

COMM 1010 ELEMENTS OF EFF. COMM (CM, IN)  3 CR.
Communication principles & practice applied in dyadic, group, written, electronic, & oral presentation assignments. Listening, perception, verbal clarity, nonverbals, diversity, conflict mgmt & interviewing in workplace and interpersonal settings.

COMM 1020 PRINCIPLES OF PUBLIC SPEAKING (CM, IN)  3 CR.
Preparing and delivering speeches for civic and professional occasions. Basic theory & skills practice, including audience analysis, anxiety mgmt, critical listening, supporting claims with evidence, persuasion, motivation, delivery.

COMM 1050 ELEMENTS OF HUMAN COMM. (HU)  3 CR.
Survey of the basic issues, theories and perspectives in the study of human communication, through critical analysis of oral, written and audio-visual texts.

COMM 1080 CONFLICT MGMT & DIVERSITY (SS, DV)  3 CR.
Analyzes conflict communication from the perspectives of marginalized and empowered populations. Explores ethnocentrism, power, anger, inequality, disrespect. Students learn conflict management skills for workplace, community & personal life.

COMM 1120 PRINCIPLES OF INTERVIEWING  3 CR.
Interviewing methods with emphasis on interview design and questioning techniques in business, professional and journalistic environments.

COMM 1130 REPORTING FOR THE MASS MEDIA  4 CR.
Organization and written presentation of facts to a mass audience, with emphasis on reporting and writing news. Development of information-gathering skills for presentation through mass media.

COMM 1140 ENVIRONMENTAL COMMUNICATION  3 CR.
Covers the organization and delivery of facts to a mass audience, specifically communicating about issues related to sustainability. Course offers hands-on experience in both traditional media and new communication technologies.

COMM 1250 INTRODUCTION PERFORMANCE STUDIES  3 CR.
Integrates the theory/practice of performance studies in TV & radio. Provides experience & training in voice, breathing, articulation, pronunciation, interpretation, general appearance & presentation.

COMM 1270 ANALYSIS OF ARGUMENT (IN)  3 CR.
Introduction to the study of argumentation (reasoning, issues, audience analysis) in decision-making contexts.

COMM 1500 INTRODUCTION TO MASS COMM (ID)  3 CR.
Introductory survey of field of mass communication. Preview of function, performance and structure of individual mass media and the relationships between media audiences, and media and government.

COMM 1515 BASIC AUDIO PRODUCTION  3 CR.
A broad overview of sound, sound systems, recording and live sound reinforcement providing basic training in the physics of sound and the hardware and systems used to control and record it. No prerequisites.

COMM 1560 RADIO PRODUCTION  3 CR.
Prereq: COMM/FLM/MUSC/THEA 1550 or concurrent. Course provides instruction and experience in the production of audio programs for radio, including the history, career opportunities, issues and techniques of radio & announcing, includes participation at student radio station.
COMM 1610 JOURNALISM I REPORTING/WRITING 3 CR.
Prereq: ENGL 1010. This is a basic survey course in journalism, emphasizing fact finding & news writing, including investigative reporting on specific beats. Class members contribute to the student newspaper and/or to other student news media.

COMM 1620 JOURNALISM II EDITING 3 CR.
Prereq: COMM 1610 or 1130. Students study in-depth reporting, focusing on the rules of correct news writing, copyediting and editorial writing, and reporting on a deadline. Members of the class contribute to the Globe Student Media.

COMM 1630 JOURNALISM III – LAYOUT/DISIGN 3 CR.
Prereq: COMM/ART/FLM 1800. Students study advanced news delivery and overall layout and design of newspaper, magazine, and online media, using contemporary tools for those tasks. Members of the class contribute to Globe Student Media.

COMM 1800 DIGITAL MEDIA ESSENTIALS 4 CR.
Introduction to software & hardware used to create multimedia productions. Hands-on experience using hardware, software to create 2D/3D graphics, sound, animation, & video. Discussion of the multimedia market, copyright, & ethics in mass media.

COMM 1820 MEDIA CONTENT MANAGEMENT 3 CR.
Prereq: COMM/ART/FLM 1800 or concurrent. An introduction to content management systems that include digital & media assets to improve efficiency & lower costs. Types include Internet/web, television/IPTV, radio/podcasts, cell/mobile and print delivery are covered.

COMM 1900 SPECIAL STUDIES/COMMUNICATION 1 TO 3 CR.
Prereq: Department approval. Students plan areas of study and work with an instructor on individual basis.

COMM 2000 COMMUNICATION CO-OP/INTERNSHIP 1 TO 6 CR.
Prereq: Department approval. Supervised work experience in a business, industrial, or government environment related to the student’s COMM program sequence. Credit awarded for successful completion of specified learning objectives that provide new learning.

COMM 2020 PERSUASION PRACTICES 3 CR.
Study and practice of principles of persuasion in public speaking and other forms of communication.

COMM 2110 INTERPERSONAL COMM (ID, HR) 3 CR.
Development of listening skills, situational analysis and participation in various interpersonal contexts through focus on the elements and processes which contribute formation, maintenance and termination of relationships.

COMM 2120 SMALL GROUP COMMUNICATION 3 CR.
Introduces elements of the small group process, focusing on problem-solving and decision-making techniques. Development of students’ skills of participation and analysis in decision-making.

COMM 2150 INTERCULTURAL COMMUN. (ID, DV) 3 CR.
Examination of how cultural similarities and differences impede or enhance communication across cultures. Issues of diversity, values, norms among different cultures, as well as issues of cultural diversity, values and norms.

COMM 2170 ORGANIZATIONAL COMMUNICATION 3 CR.
Overview of historical and contemporary perspectives of organizational communication, analysis of current issues and practices of organizational communication, development of communication competence in organizational settings. Internet only.

COMM 2200 BEGINNING VIDEO PRODUCTION 4 CR.
Prereq: COMM/ART/FLM 1800 pref. Development of basic audio and video production skills for television and online distribution, using individual and group assignments through traditional lecture, hands-on training, field and studio production environments.

COMM 2300 INTRODUCTION PUBLIC RELATIONS 3 CR.
Survey of tools, principles, practices and publics of public relations professions. Includes lab component where students are expected to produce public relations documents under a time deadline.

COMM 2310 INTER VIDEO PROD NEWS 4 CR.
Prereq: COMM 2200 or instructor approval, COMM 1310 pref. Provides production experience for students with television or video production background. Students work independently on weekly news packages and together to produce a live weekly news program—Globe Student News.

COMM 2400 WEB 2.0 TOOLS & STRATEGIES 3 CR.
An introduction to Web 2.0 components such as social network sites, blogs and RSS feeds, wikis, collaboration & virtual teams, media sites, and forums as well as how organizations successfully use these tools for communication.

COMM 2440 WEB SITE DESIGN 3 CR.
Prereq: COMM/ART 2100. Students learn the knowledge and skills needed to build and manage professional web sites using Dreamweaver & Fireworks. Students create interactive web sites, graphics, animation, and advanced styling using HTML, CSS, & JavaScript.

COMM 2500 ELEM/ISSUES-DIGITAL MEDIA (ID) 4 CR.
An introduction to digital media, including an understanding of the history, trends, devices, services, practices, and societal issues associated with the rise and use of communication technologies.

COMM 2510 ADV VIDEO PROD DOCUMENTARY 4 CR.
Prereq: COMM 2200 or FILM 1055. Provides advanced video production experiences for students who already have significant video production experience. Students work alone to produce short format documentary films and in groups to produce long format film projects.

COMM 2525 WEB SITE PROMOTION 4 CR.
Prereq: COMM/ART 2440. Students develop a website promotion campaign which includes search engine optimization, pay-per-click advertising, linking campaigns, email marketing, online publicity, and affiliate strategies to develop a business web strategy.

COMM 2560 ADVANCED RADIO PRODUCTION 3 CR.
Prereq: COMM 1660 or equivalent. Advanced instruction & experience in the production of audio programs for radio, including history, career opportunities, issues, techniques of radio & on-air announcing, involving commercial, news & sports on the student radio station.

COMM 2570 INTRODUCTION TO VISUAL COMM (FA) 4 CR.
Explores visual communication principles & practices essential to all media. Memorable visual messages have the greatest power to inform, educate, and persuade. Discover why some images are remembered while some are not.

COMM 2590 ADVERTISING MEDIA & SALES 3 CR.
The course focuses on advertising media planning and media sales, including people and project management. Students learn media formulas and terminology, and work to create media plans and make successful media buys.

COMM 2920 CURRENT TOPICS-COMMUNICATION 1 TO 2 CR.
Prereq: Department approval. This course examines selected topics not offered in the regular curriculum. Prerequisites may vary and are dependent upon course content. Consult current class schedule for offering and credits under this course number.

COMM 2990 SECOND YEAR PROJECT 4 CR.
Prereq: COMM 1560 or 2200. Students design & produce a capstone video or audio production project, incorporating elements related to their specific interests/specialties. Students demonstrate mastery of related production competencies & skills.

CPA 1110 CARPENTRY COMPUTER SKILLS 5 CR.
Prereq: CPT, 75 Arithmetic and 40 in Algebra, or CPA 1470. Applied instruction in carpentry techniques. Tool use and safety, maintenance, sharpening, load rigging and hand signals. First Aid, CPR and OSHA 10-hour safety class. Basic mathematics, fractions, decimals, and conversions.

CPA 1120 CARPENTRY CONCRETE FORMING 5 CR.
Prereq: CPA 1110. Course provides training in proper methods used in concrete forming including footings, walls, columns, piers, slabs and suspended structures. Mathematics used in class includes measurements, volumes and areas.

CPA 1210 CARPENTRY WOOD FRAMING 5 CR.

CPA 1220 CARPENTRY FINISH, INTERIOR 5 CR.
Prereq: CPA 1210. Application of siding and exterior trim installation, door and hardware, paneling, trim and moldings. Fabrication and installation of cabinetry and counter tops.
CPA 1470 MATH FOR THE TRADES (GS) 5 CR.
A customized carpentry course in applied mathematics for the trades including algebraic and trigonometric functions.

CPA 2000 CARPENTRY CO-OP 3 TO 6 CR.
Prereq: Instructor's approval. Permits students to gain college credit for the hours spent on the job. Advanced registration and agreement signed by employer, employee/student and the College.

CPA 2310 CARPENTRY INTERIOR SYSTEMS 5 CR.
Hands-on application & techniques for installation of metal stud and drywall systems, perfor-taping, suspended ceilings, black iron ceilings, moveable partitions and computer floor installation.

CPA 2320 CARPENTRY WELDING 5 CR.
Prereq: CPA 2310. This course offers applied instruction in basic welding principles and safety including acetylene burning, cutting & welding. Instruction also includes shielded metal arc-flat, vertical, overhead positions and light gage metal welding.

CPA 2410 CARPENTRY BLUEPRINT READING 5 CR.
Prereq: CPA 1110, CPA 1210, CPA 2310. Basics in drafting & scaling techniques, numbering systems, elevations, symbols and abbreviations, detail drawing and viewing skills. Introduction to CAD programs and math reviewed.

CPA 2420 CARPENTRY COMPLETION 5 CR.
Prereq: CPA 1110, 1210, 1220, 2310, 2320, and 2410. Advanced application of transit levels and leveling instruments. Scheduling and estimating costs, MSDS sheets, concrete testing, leadership skills and computer usage.

CPE 2700 FUND OF DIGITAL SYSTEM DESIGN 4 CR.
Prereq: ENGR 1040, MATH 1050. An introduction to digital systems, Boolean algebra and theory and design of Combinatorial and Sequential circuits. Computer based software tools for schematic capture and gate array implementations are used. Laboratory included.

CPE 2720 COMPUTER DESIGN 2 CR.
Prereq: CPE 2700, Concurrent with CS 2810. A design lab providing hands-on experience in designing and testing small computer and logic based electronic systems using state of the art design tools and equipment.

CPI 1110 CARPENTER IA 5 CR.
This course teaches beginning construction principles including: tool safety, math, basic blueprint information plan layout, OSHA site safety and PIPE, and First Aid/CPR certifications.

CPI 1120 CARPENTER IB 5 CR.
Prereq: CPI 1110. This course teaches basic concrete principles including: math, tools, basic mixes, basic layout, forming, and finishing.

CPI 1210 CARPENTER IIA 5 CR.
Prereq: CPI 1120. This course teaches basic framing principles including: math, tools, layout from blueprints, floors, walls, roofs, insulation and ventilation.

CPI 1220 CARPENTER IIB 5 CR.
Prereq: CPI 1120. This course teaches basic finish carpentry including: exterior finishes, roofing, window & door openings, stairs, basic cabinetry and counter tops.

CPI 1470 MATH FOR THE TRADES (GS) 5 CR.
This is a customized course in applied mathematics for the trades including algebraic and trigonometric functions.

CPI 2000 CARPENTRY CO-OP 2 TO 4 CR.
College credit for experience on the job site. Arranged in advance. Requirements are determined by the employer.

CPI 2310 CARPENTRY IIIA 5 CR.
Prereq: CPI 1220. Advanced concrete principles including: commercial blueprints, rigging and lifting, raft and metal slabs, shoring & scaffolding, stairs, chemistry and concrete testing, additives, and advanced estimating.

CPI 2320 CARPENTRY IIIB 5 CR.
Prereq: CPI 2310. This course teaches advanced framing principles including: scaffold safety for metal stud and drywall work, metal stud framing and layout, installing metal jams and hanging doors fire walls and metal roof decks.
CS 1130  SERVER MANAGEMENT  4 CR.
Prereq: CS 1120 Methodology for managing servers, policies, installation, configuration, security, monitoring, updates, maintenance, and disposal. Server-based hardware, services, storage, authentication, disaster recovery and the cloud are also covered.

CS 1131  MANAGING WINDOWS SERVER 2008  2 CR.
This course covers the materials that an IT professional would need to pass the Exam 70-642: TS: Windows Server 2008 Network Infrastructure, Configuring

CS 1132  LINUX SERVER ADMINISTRATION  3 CR.
Prereq: CS 1122. Administer Linux servers, server hardware, software, installation, configuration services (DNS, DHCP, PXE, LDAP, samba PAM, Puppet, Cobbler), file sharing, printing, security, networking, backup, recovery, life cycle and monitoring.

CS 1200  PROTOCOL MECHANICS  3 CR.
Prereq: CS 1030. This course covers the OSI model, and how common network protocols are used within a network. IPv4, IPv6, TCP, UDP, DHCP, SNMP, FTP, SSH, Telnet, SSL, ARP, subnetting, CIDR, and more are covered.

CS 1201  COMPTIA NETWORK+ ESSENTIALS  1 CR.
Prereq: Concurrent with CS 1200. This course prepares students to take the Network+ examination. Network media and topologies, industry standards, protocols, network operating systems, VLANs, and troubleshooting utilities are covered.

CS 1202  NETWORK TRAFFIC ANALYSIS  2 CR.
Prereq: with CS 1200. Discusses network traffic and how different networking devices treat it. Using packet capture utilities and analysis tools, learn to recognize common network problems and attacks, and learn how to mitigate them.

CS 1250  NETWORK INFRASTRUCTURE I  3 CR.
Prereq: CS 1250. Comprehensive approach to installing and configuring LAN/WAN routing and switching protocols. Static routing, RIP, OSPF, EIGRP, link state and distance vector routing protocols, VTP, VLANs, NAT/PAT, frame relay and more covered.

CS 1251  INTRODUCTION TO ROUTING/SWITCHING  2 CR.
Prereq: Concurrent with CS 1250. Implementing routing protocols and switching mechanisms into production equipment. RIP/v2, EIGRP, OSPF, VTP, port security, inter-VLAN routing, ACLs, basic wireless security and more are covered.

CS 1252  CISCO CCENT PREPARATION  1 CR.
Prereq: Concurrent with CS 1250. Prepares students for the current Cisco Certified Entry Network Technician (CCENT) certification. The exam tests a candidate’s skills required to successfully install, operate & troubleshoot a small branch office network.

CS 1253  CISCO CCNA PREPARATION  2 CR.
Prereq: CS 1250. Prepare for the Cisco Certified Network Associate certification, including skills to install, configure, operate, and troubleshoot medium-size route and switched networks. Complete objectives for this course are listed on Cisco’s website.

CS 1300  BEGINNING VB.NET PROGRAMMING  3 CR.
A first programming course using VB.NET. Topics include problem solving, modeling, data types, style, UI design, decision and repetition control, file I/O, functions, arrays, classes and GUI widgets.

CS 1400  FUNDAMENTALS OF PROGRAMMING  3 CR.
Prereq: w/CS 1030. Object oriented design using UML, including the problem statement and glossary, use case and scenarios, activity diagram, role/object mapping, and class diagrams. Introduction to Java: data types, control structures, methods and more.

CS 1405  DESIGN AND OO METHODOLOGY  1 CR.
Prereq: w/CS 1400. Implement the object oriented design principles taught in CS 1400. UML diagrams, object creation, variable scope, methods, control structures, debugging, memory mapping, and Java String, StringBuilder, Collection, Iterator, and ArrayList.

CS 1410  OBJECT-ORIENTED PROGRAMMING  3 CR.
Prereq: CS 1410. Must be taken with CS 1415. Essentials of object oriented programming in Java: creating classes, data validation, generics, packages, exception handling, unit testing, inheritance, polymorphism, file handling, basic Swing, and a subset of the Java API are covered.

CS 1415  PRACTICAL OO PROGRAMMING  1 CR.
Prereq: must be taken with CS 1410. Implement the object oriented design principles and concepts taught in CS 1410. UML, documentation, packaging, exceptions, inheritance, polymorphism, scope, debugging, unit testing, streams, swing and more using a subset of the Java API.

CS 1600  STRUCTURED PROG. USING C++  4 CR.
Prereq: MATH 1060 or concurrent. Introductory programming course designed to develop a solid foundation in structured programming by developing computer programs to solve scientific & technical problems. Includes a brief introduction to object oriented programming.

CS 2000  CO-OP EDUCATION  1 TO 2 CR.
Prereq: Sophomore w/2.0 GPA and instructor’s approval. A supervised work experience in a business, industrial, or government environment related to a computer science major. Credit is awarded for successful completion of specific learning objectives.

CS 2120  WIRELESS NETWORKING  3 CR.
Prereq: CS 1200. Prepares students to configure wireless networks from layers 1-4 of the OSI model. Wireless security encryption, security, RF fundamentals, antenna design, Wi-Fi and more. Students build and test antennas, and setup WLANs.

CS 2260  NETWORK INFRASTRUCTURE II  3 CR.
Prereq: CS 1250. Covers scalable IP addressing, EIGRP, OSPF, IS-IS, route optimization, BGP, multicasting, and IPv6, RSTP, PVSTP, BPDU filtering, Root Guard, PAgP, HSRP, VRRP, GLBP, VACLs, Private VLANs, DHCP Snooping, CEF, and more.

CS 2261  DYNAMIPS/DYNAGEN INTRODUCTION  1 CR.
Prereq: Concurrent with CS 2260. This course is designed to teach students the Dynamips / Dynagen IOS emulator. Students will learn how to setup the necessary network files for routing and switching domains, as well as the commands of the emulator itself.

CS 2420  ALGORITHMS & DATA STRUCTURES  3 CR.
Prereq: CS 1410. Must be taken with CS 2425. Topics include data structures (stacks, queues, linked lists, heaps, hash tables, trees, graphs), Java Collections framework, JDBC, algorithmic analysis (Big O, profiling), and common algorithms (recursion, searching, sorting, traversals).

CS 2425  CODE ANALYSIS AND TUNING  1 CR.
Prereq: must be taken with CS 2420. Implement the data structures and algorithms taught in CS 2420: Java Collection framework, algorithm analysis, recursion, and performance profiling of data structures and common sorting and searching algorithms.

CS 2430  DISCRETE STRUCTURES  3 CR.
Prereq: CS 2420. An introduction to discrete mathematics and algebraic structures as applied to computer science. Proposition and logic, finite sets, relations, functions, graph theory, analysis of algorithms and state machines are taught.

CS 2450  SOFTWARE ENGINEERING  3 CR.
Prereq: CS 1410. Presents concepts, methodology and best-practices necessary to develop large scale software projects. Includes reqts., analysis, design, implementation and testing. Emphasizes current real world industry best-practices and tools.

CS 2510  INTERMEDIATE PROG IN DELPHI  3 CR.
Prereq: CS 2420. An intermediate programming course using DELPHI, a windows based, object-oriented, rapid application development tool. Explores real-world development issues: reusable components, database management and web-based applications.

CS 2520  INTERMEDIATE PROGRAMMING IN VB  3 CR.
Prereq: CS 2420. This intermediate programming course focuses on VB and the .NET platform. Syntax, data structures, file I/O, .NET library, XML, class structure, GUI design, and web/database projects will be discussed.

CS 2530  INTERMEDIATE PROGRAMMING IN C#  3 CR.
Prereq: CS 2420. This intermediate programming course focuses on C# and the .NET platform. Syntax, data structures, file I/O, .NET library, XML, class structure, GUI design, and web/database projects will be discussed.

CS 2540  INTERMEDIATE PROGRAMMING IN C++  3 CR.
Prereq: CS 2420. An intermediate programming course in ANSI standard C++. Emphasis on object oriented design using UML, implementing classic control and data structures in C++, the standard template library, and web programming with CGI.
CS 2550 ADVANCED JAVA PROGRAMMING 3 CR.
Prereq: CS 2420. This programming course focuses on advanced Java topics, including: swing/AWT, threading, RMI, servlets, socket programming, JDBC, Java 2D, Java Beans and streams.

CS 2560 OBJ. ORIENTED PROG/MULTIMEDIA 2 CR.
Prereq: ART 2440. A course designed to teach the basics of computer language skills for multimedia production. Emphasis will be placed on the design and implementation of complex variables in multimedia applications.

CS 2810 COMPUTER ARCHITECTURE 4 CR.
Prereq: CS 1410. Computer architecture & design: language of the computer, computer arithmetic, assessing & understanding performance, data path and control, pipelining, memory hierarchies, interfacing processors and peripherals.

CS 2900 CURRENT TOPICS IN CS 0 TO 4 CR.
Prereq: Instructor approval. This class covers current topics in computer science that meet student needs and industry demands.

CTEL 1010 LEADERSHIP & TEAMBUILDING (HR) 3 CR.
Students will discover and develop their strengths in leadership and teambuilding. Career-building strategies will be explored. Students will develop human relations skills that will help them to thrive in a diverse society.

CTEL 1020 CAREER SPEECH SKILLS (CM) 3 CR.
Students will build their speaking, listening, non-verbal and visual presentation skills for industry applications. Students will critically plan and evaluate messages for diverse audiences using sound theoretical models.

CTEL 1030 LEADERSHIP LAB 1 CR.
Prepares learners to compete in leadership events sponsored by national student leadership organizations. May also be taken for self-improvement.

DANC 1010 DANCE AND CULTURE (FA, DV) 3 CR.
An introduction to dance as a means of cultural expression. Multicultural dance in America is explored, with analysis of how divergent traditions have survived in spite of social and cultural pressures. No dance experience required.

DANC 1090 BRIDGING THE ARTS (FA) 3 CR.
Course examines the interconnectedness of art, dance, music and theatre by investigating the artistic elements and common threads within the creative processes to develop an informed appreciation for one's own artistic values.

DANC 1100 INTRODUCTION TO BALLET I (FA) 3 CR.
An introduction to basic ballet movement, technique, theory, history and terminology. Reading, writing, and concert attendance are part of this course.

DANC 1110 BALLET II (LW) 2 CR.
Prereq: DANC 1100 or instructor approval. The second semester study of ballet technique, theory, and terminology. Emphasis is on learning and applying kinesiological basics for lifelong participation in dance.

DANC 1200 INTRODUCTION TO MODERN DANCE I (FA) 3 CR.
Introduction to modern dance movement, technique, theory & history. Basic dance elements of time, space, shape & energy are introduced with emphasis on loco motor skills & movement expression. Reading, writing, & concert attendance required.

DANC 1210 MODERN DANCE II (LW) 2 CR.
Prereq: DANC 1200 or instructor approval. The second semester study of modern dance technique, theory, & terminology. Emphasis is on learning and applying kinesiological basics for lifelong participation in dance.

DANC 1500 INTRODUCTION TO JAZZ DANCE I (FA) 3 CR.
An introduction to jazz movement, technique, terminology and history. Classical and contemporary jazz rhythm and style are explored. Reading, writing, and concert attendance are part of this course.

DANC 1510 JAZZ DANCE II (LW) 2 CR.
Prereq: DANC 1500 or instructor approval. The second semester study of jazz dance technique, theory, and terminology. Emphasis is on learning and applying kinesiological basics for lifelong participation in dance.

DANC 1580 INTRODUCTION TO TAP DANCE I (FA) 3 CR.
An introduction to the fundamental technical skills, terminology, and history of tap dance. Rhythm, coordination and precision of sound are emphasized. Reading, writing, and concert attendance are part of this course.

DANC 1590 TAP DANCE II (LW) 2 CR.
Prereq: DANC 1580 or instructor approval. The second semester study of tap dance technique, theory, and terminology. Emphasis is on learning and applying kinesiological basics for lifelong participation in dance.

DANC 1700 DANCE IMPROV/CHOREOGRAPHY I 1 CR.
Prereq: DANC 1200 or instructor approval. Guided exploration in the elements of dance for the creative development of personal movement repertoire, spontaneous group interaction and choreographic skills.

DANC 1800 DANCE COMPANY 1 CR.
Prereq: By audition. Offers experience and opportunity in performance, choreography, and production for the enjoyment and creative expression of the members, and for the enrichment and entertainment of the College and community.

DANC 1900 SPECIAL PROJECTS 1 TO 2 CR.
Prereq: Department approval. Students plan their areas of study, choreography, or performance with the instructor on an individual basis.

DANC 2100 BALLET III 2 CR.
Prereq: DANC 1110 or instructor approval. The third semester study of ballet technique, theory, and terminology.

DANC 2110 BALLET IV 2 CR.
Prereq: DANC 2100 or instructor approval. The fourth semester study of ballet technique, theory, and terminology.

DANC 2200 MODERN DANCE III 2 CR.
Prereq: DANC 2120 or instructor approval. This is the third semester study of modern dance movement, technique, and theory.

DANC 2210 MODERN DANCE IV 2 CR.
Prereq: DANC 2200 or instructor approval. This is the fourth semester study of modern dance movement, technique, and theory.

DANC 2500 JAZZ DANCE III 2 CR.
Prereq: DANC 1510 or instructor approval. This is the third semester study of jazz movement, technique, and terminology.

DANC 2510 JAZZ DANCE IV 2 CR.
Prereq: DANC 2500 or instructor approval. This is the fourth semester study of jazz movement, technique, and terminology.

DANC 2580 TAP DANCE III 2 CR.
Prereq: DANC 1590 or instructor's approval. The third semester study of tap dance technique, theory, rhythms and terminology. Emphasizes is on increasingly complex rhythms, time steps and movement phrases.

DANC 2700 DANCE IMPROV/CHOREOGRAPHY II 1 CR.
Prereq: DANC 1700. This is the second semester exploration of the elements of dance for the creative development of personal and group movement repertoire and choreographic skills.

DANC 2800 DANCE COMPANY II 1 CR.
Prereq: By audition. Second year experience and opportunity in performance, choreography, and production for the enjoyment and creative expression of the members, and for the enrichment and entertainment of the college and community.

DANC 2900 SPECIAL TOPICS 1 TO 3 CR.
Prereq: Department approval. Students will learn specific areas of study in current trends within the dance field.

DANC 2990 PERFORMING ARTS CONNECTION 2 CR.
Prereq: Department approval. This is a collaboration of dance, music, and/or theatre. Students will create individual works to be performed in the Performing Arts Showcase.

DE 0910 LANGUAGE ARTS FOR THE DEAF 6 CR.
Year developmental course teaches English through American Sign Language. Strengthens ASL skills as well. Vocabulary, idioms, figurative language, grammar, critical thinking, study skills, reading, writing.

DE 0950 COLLEGE VOCABULARY 3 CR.
Prereq: 72-83 score on the LOEP test or placement into RDG/WRTG 0900 or higher. Students will increase their academic vocabulary by studying and learning how to proficiently use over 200 general, technical, academic, and professional English words and phrases.
DE 0990 LIFE SKILLS 2 CR.
This class teaches students the basic fundamentals of cooking, clothing care, grocery shopping, personal finance, housekeeping, basic home care, basic car care, and roommate survival skills.

DE 1070 BEGINNING KEYBOARDING 3 CR.
Learn beginning keyboarding skills by computer. Cover the alphabet, numbers, symbols, and keyboarding techniques. Emphasizes speed and accuracy through improved techniques.

DEN 1000 DENTAL TERMINOLOGY 1 CR.
Through lecture and video students learn 112 dental elements (roots, suffixes, and prefixes), with emphasis on pronunciation, definitions, and usage.

DEN 1010 INTRODUCTION TO DENTAL ASSISTING 2 CR.
Prereq: KDFO 0190. Students learn the basic skills needed for work as a dental assistant, including how to recognize, care for, and sterilize instruments and basic forehand passing techniques.

DH 1010 PREVIEW OF DENTAL HYGIENE 2 CR.
This optional course is designed to orient a student to the dental hygiene profession. Students will learn basic dental hygiene knowledge to prepare them for entry into the dental hygiene program.

DH 1050 DENTAL RADIOLOGY 2 CR.
Prereq: Admission into program. Study of physical behavior, biological effects, methods of control, safety and techniques for exposing, processing and mounting radiographs. Included is interpretation, recognition and identification of significant findings.

DH 1060 DENTAL RADIOLOGY LAB 1 CR.
Prereq: Admission into program. Laboratory experience in dental radiography procedures and techniques. Treatment planning, exposure, interpretation and evaluation of dental radiographs with emphasis on client management techniques and their application.

DH 1100 DENTAL HYGIENE THEORY I 3 CR.
Prereq: Admission into program. Introductory course to practice of dental hygiene. Students learn principles and theory of infection control, medical, dental, extra/intraoral assessments, management of medical emergencies, current instrumentation & operatory management.

DH 1110 CLINICAL DENTAL HYGIENE I 2 CR.
Prereq: Admission into program. Student experience to basic dental hygiene skills and procedures. Skill development is attained through practice sessions and performance evaluations.

DH 1140 DENTAL MATERIALS 1 CR.
Prereq: DH 1040, DH 1060, DH 1100, DH 1110, DH 1320, DH 1340, and DH 1350. Study of chemical and physical composition and uses of dental materials. Emphasis on effects of various materials in the oral environment and why specific materials are used. There is an accompanying lab.

DH 1150 DENTAL MATERIALS LAB 1 CR.
Prereq: DH 1040, DH 1060, DH 1100, DH 1110, DH 1320, DH 1340, and DH 1350. Students receive the opportunity to develop manipulative skills and practice procedures with various materials used in dentistry and dental hygiene.

DH 1330 HEAD AND NECK ANATOMY 2 CR.
Prereq: Admission into program. This course covers the study of head, neck and oral anatomy, with emphasis on terminology. Lab is included.

DH 1340 DENTAL ANATOMY 1 CR.
Prereq: Admission into program. This is the comprehensive presentation of structures of the oral cavity, including oral anatomy, tooth development anatomy and occlusion. Lab is included.

DH 1350 DENTAL EMBRYOLOGY/HISTOLOGY 1 CR.
Prereq: Admission into program. This is a comprehensive presentation of embryonic, fetal and postnatal development of tissues and structures of the head and oral cavity.

DH 1400 DENTAL HYGIENE THEORY II 3 CR.
Prereq: DH 1100 and DH 1110. Continuation of DH: Theory I. Comprehensive patient care will be required in various problem solving and decision making skills involving the assessment, planning, implementation and evaluation of direct care to the public.

DH 1410 CLINICAL DENTAL HYGIENE II 3 CR.
Prereq: DH 1100 and DH 1110. Delivery of preventative and therapeutic services. Practical application from didactic information. Professionalism, client and operating safety, instrument competency.

DH 1540 PHARMACOLOGY 3 CR.
Prereq: DH 1100. Course emphasizes pharmacodynamics of drug action, modes of administration, biotransformation, excretion, drug side effects and interactions. Focus on impact various medications have in dental and dental hygiene treatment.

DH 1640 COMPROMISED PATIENT SPCL NEEDS 2 CR.
Prereq: DH 1100. Course offers in-depth study of problems, unusual health conditions and/or factors that may complicate routine dental hygiene care.

DH 1990 DENTAL HYGIENE STUDY ABROAD 1 CR.
Prereq: Completion of first year Dental Hygiene coursework. Designed to expand the dental hygiene student's knowledge, skills and understanding of dental care delivery systems throughout diverse communities. Students are encouraged to utilize the experience to develop cultural sensitivity in their role as a dental hygienist.

DH 2010 SUMMER CLIN. DENTAL HYG. III 2 CR.
Prereq: Completion of 1st year of Dental Hygiene program. Continued application of preventive and therapeutic service to the public. Advanced aspects of dental hygiene care are applied through learning sessions/performances evaluations for local anesthesia, nitrous oxide and ultrasonic/sonic scaling.

DH 2050 GENERAL AND ORAL PATHOLOGY 3 CR.
Prereq: DH 1400, DH 1620. Course focuses on fundamentals of oral pathology and disease processes. An overview of oral pathology emphasizes recognition and identification of pathologic conditions within the oral cavity.

DH 2200 DENTAL HYGIENE THEORY III 3 CR.
Prereq: DH 1400. To continue a course in study in theory and practice of dental hygiene. Focus will be on advanced instrumentation, implementation of advanced dental hygiene care, case studies and table clinics.

DH 2210 CLINICAL DENTAL HYGIENE III 4 CR.
Prereq: DH 1410. Continued application of preventive and therapeutic service to the public. Advanced aspects of dental hygiene care are applied through learning sessions/performances evaluations for local anesthesia, nitrous oxide, ultrasonic/sonic & case management.

DH 2220 COMMUNITY DENTAL HEALTH 3 CR.
Prereq: DH 1620. Principles and practice of public health methods and plans are taught examining biostatistics and epidemiology. Students design, implement and evaluate programs with community focus.

DH 2340 LOCAL ANESTHESIA 2 CR.
Prereq: DH 1540, with DH 2341. Pain control in the dental office setting including administration of local anesthetic/nitrous oxide and anxiety management. Completion of this course qualifies students to take WREB for local area anesthesia. Lab is included.

DH 2341 LOCAL ANESTHESIA LAB 1 CR.
Prereq: DH 1540, with DH 2340. Demonstration and administration of all local regional blocks are experienced in a supervised lab setting. Minimum competence is verified through successful completion of proficiency evaluations. Concurrent with DH 2340.

DH 2450 PERIODONTAL THEORY 2 CR.
Prereq: DH 1410, DH 1620. Anatomy/physiology, histopathology, microbiology specific to dental disease, etiology and clinical features of gingival/periodontal infections are taught. Emphasis is placed on recognition and treatment planning for periodontal clients.

DH 2600 DENTAL HYGIENE THEORY IV 3 CR.
Prereq: DH 2200. Prep course for entry into DH profession. Legal/ethical values, rules and philosophy are examined. Includes licensing procedures, principles of practice management, resume writing, job interviewing and career planning.

DH 2610 CLINICAL DENTAL HYGIENE IV 5 CR.
Prereq: DH 2210. Clinical expertise is refined. Time management and patient care are emphasized, preparing students for clinical licensing board examinations.

DH 2700 ACCELERATED LOCAL ANESTHESIA 2 CR.
Prereq: Graduation from an ADA Accredited Dental Hygiene School, or dental hygiene licensure. Pain control in the dental office setting including administration of local anesthetic/nitrous oxide and anxiety management. Completion of this course qualifies students to take WREB for local area anesthesia. Lab is required.
DH 2710 ACCELERATED LOCAL ANESTH LAB 1 CR.
Prereq: Graduation from an ADA Accredited Dental Hygiene School or dental hygiene licensure. Demonstration and administration of all local regional blocks are experienced in a supervised lab setting. Minimum competence is verified through successful completion of proficiency evaluations. Concurrent with DH 2700.

DH 2850 PERIODONTOLOGY II 2 CR.
Prereq: DH 2450. Course offers advanced techniques for treatment of periodontal disease including various modes of treatment and wound healing. Emphasis is placed on the role of the dental hygienist as a periodontal co-therapist.

DH 2990 DENTAL HYGIENE BOARD REVIEW 2 CR.
Review of all theoretical courses as preparation for national written examinations. A mock written examination is offered to assist students' study.

DIAL 1010 DIALYSIS TECHNICIAN 3 CR.
Course will train students in the renal medical specialty area. Class will explore normal and altered kidney functions, therapy concepts, and technical aspects of dialysis therapy.

DISP 1010 REGS, A/C SYSTEMS & PROCEDURES 3 CR.
Prereq: PILT 1100, 1400, 2050 or conc. w/ PILT 1100, 1400 or 2050. Course overviews: FAR Part 1, 25, 61, 65, 71, 91,119,121, 139 & 175,NTSB part 830, aircraft flight & general operating manuals, aircraft performance & systems, operating specs for aircraft type, as well as emergency/abnormal procedures.

DISP 1300 DISPATCH APPLICATIONS 5 CR.
Prereq: PILT 1100,1400, 2050, DISP 1010 (recommended or concurrently with DISP 1010). Course will cover topics related to weather analysis and forecasts and flight navigation & planning. Students will apply proper flight dispatch applications under FAR Part 121 from flight prep to departure w/ flight following & arrival.

DMS 1010 PATIENT CARE 2 CR.
Prereq: Admission to DMS program. Prepares students to provide basic care to patients. Includes patient interactions, history taking, transfer techniques, vital signs and oxygen, infection control, aseptic/nonaseptic techniques, ethics, mental law, etc.

DMS 1020 ABDOMINAL SONOGRAPHY 4 CR.
Prereq: Admission to DMS program. Clinical aspects of abdominal sonography. Emphasizes pertinent laboratory tests, other imaging modalities and physical signs and symptoms of disease with focus on performing and interpreting abdominal exams.

DMS 1030 PHYSICS/INSTRUMENTATION 3 CR.
Prereq: Admission to DMS program. Fundamental knowledge of physical principles and instrumentation of diagnostic ultrasonic. Explains how diagnostic ultrasound works and helps student properly handle artifacts, scan safely and evaluate instruments.

DMS 1040 ULTRASOUND LAB 2 CR.
Prereq: Admission to DMS program. Complements didactic course instruction. Students will observe scanning equipment, techniques, and have a hands-on opportunity to perform basic skills necessary of a sonographer.

DMS 1110 OB/GYN 4 CR.
Prereq: DMS 1030. Comprehensive discussion of obstetrical and gynecologic diagnostic ultrasound. Provides information of anatomy, pathophysiology, sonographic theory, and sono graphic technique.

DMS 1120 PATHOPHYSIOLOGY 4 CR.
Prereq: DMS 1020. Basics of pathophysiology Includes most common diseases for each body system, including study of the cell, underlying processes of disease and a systematic survey of disease within body systems.

DMS 1130 CLINICAL I 4 CR.
Prereq: DMS 1040. Students will be scheduled for a clinical rotation by Intermountain Health Care. Scheduled TBD.

DMS 1210 SECTIONAL ANATOMY 3 CR.
Prereq: DMS 1110. Axial, sagittal and coronal planes of human anatomy. Anatomical regions studied are cranial and facial bones, brain, spine, neck, thorax, abdomen, pelvis, upper extremity/lower extremity joints.

DMS 1230 CLINICAL II 2 CR.
Prereq: DMS 1130. Students will be scheduled for a clinical rotation by Intermountain Health Care. Scheduled TBD.

DMS 2010 VASCULAR ULTRASOUND 3 CR.
Prereq: DMS 1210 Principles and practice of vascular ultrasound, including basic theory and instrumentation. Understanding the function of scanner controls to obtain optimal images.

DMS 2030 CLINICAL III 5 CR.
Prereq: DMS 1230 Students will be scheduled for a clinical rotation by Intermountain Health Care. Schedule TBD.

DMS 2110 FETAL ANOMALIES 4 CR.
Prereq: DMS 2010. Improved detection, diagnosis and understanding of congenital anomalies. Significance/natural history of anomalies, including abnormalities of placenta, membranes, and umbilical cord.

DMS 2130 CLINICAL IV 5 CR.
Prereq: DMS 2030. Students will be scheduled for a clinical rotation by Intermountain Health Care. Scheduled TBD.

DMS 2210 COMP. SONOGRAPHY 3 CR.
Prereq: DMS 2110. Review of material learned in all previous program courses. Students work in groups to organize and re-examine all course content.

DMS 2230 CLINICAL V 2 CR.
Prereq: DMS 2130. Students will be scheduled for a clinical rotation by Intermountain Health Care. Schedule TBD.

DST 1045 BASIC DIESEL 4 CR.
Theory and practical experience in disassembly, inspection, and reassembly of both 2 and 4 cycle diesel engines, subassemblies for different engine systems, running and tuning up engines from different manufacturers. Safety will be stressed.

DST 1065 BASIC ENGINE PERFORMANCE 4 CR.
Theory and practical experience in troubleshooting and repair of both 2 and 4 cycle diesel engines. Parts nomenclature, hydro mechanical fuel injection system design and operation, and engine maintenance will also be covered. Safety will be stressed.

DST 1145 PREVENT. MAINTENANCE BRAKES 4 CR.
Theory and practical experience in preventive maintenance and servicing of heavy-duty trucks and equipment. Parts, systems, driveline, chassis and suspension. Shop safety procedures and practices will be stressed.

DST 1165 P M ELECTRICAL 4 CR.
Theory and practical experience in preventive maintenance and servicing of heavy-duty trucks and equipment. Includes batteries and electrical systems, driveline, chassis and suspension. Shop safety procedures and practices will be stressed.

DST 1199 SPECIALTY TRAINING HDM 1 TO 7 CR.
This is a course designed to help students obtain specialized training specific to industry. It is taught as requested by industry.

DST 1245 DRIVETRAIN FLUID DRIVES 4 CR.
Classroom instruction and practical laboratory experience in torque converter operation and troubleshooting, power shift, and automatic transmission design, operation and troubleshooting. Electronically controlled transmissions and diagnostics will be covered.

DST 1265 DRIVETRAINS GEARS DRIVES 4 CR.
Classroom instruction and practical laboratory experience in clutch operation and adjusting. Manual transmissions, Twin Countershaft transmission both manual and automated. Differential theory and operation, and final drives. We will also cover track type undercarriages.

DST 1299 SPECIALTY TRAINING HDM 1 TO 7 CR.
To help students obtain specialized training specific to industry. Students must register for 1-7 credits in the DST program. It is taught as requested by industry.

DST 2045 ADVANCED ENGINES & ELECTRONICS 4 CR.
Prereq: DST 1045 and DST 1065. Practical experience in diesel engine fuel systems operation, troubleshooting, repair, and maintenance for both 2 and 4 cycle engines. Electronic fuel injection theory, operation and troubleshooting will be covered, as well as computer based diagnostics.

DST 2065 ADVANCED ENGINES & ELECTRONICS 4 CR.
Prereq: DST 1045, DST 1065, and DST 2045. Classroom instruction and practical laboratory experience in electronic fuel injection, engine performance, and exhaust emissions. Troubleshooting, repair, and maintenance of both 2 and 4 cycle engines will be demonstrated by instructors and experienced by students.
DSTA 1100 SAFETY AND BASIC ENGINES 2 CR.
Prereq: Concurrent with DSTA 1111. Instruction in safety, theory, operation, troubleshooting and repair maintenance and parts nomenclature for both 2-cycle and 4-cycle diesel engines as well as tear down and rebuilding of these engines.

DSTA 1111 SAFETY AND BASIC ENGINES LAB 4 CR.
Prereq: Concurrent with DSTA 1100. Practical experience in safety, theory, operation, troubleshooting and repair maintenance and parts nomenclature of both the 2-cycle and 4-cycle diesel engines.

DSTA 1120 PREVENTIVE MAINTENANCE 2 CR.
Prereq: DSTA 1100, DSTA 1111, Concurrent with DSTA 1121. Classroom instruction in preventive maintenance and servicing of heavy duty trucks and equipment. Including general PM inspections A, B, C, & D, truck systems servicing and shop safety procedures.

DSTA 1121 PREVENTIVE MAINTENANCE LAB 4 CR.
Prereq: DSTA 1100, DSTA 1111, Concurrent with DSTA 1120. Practical performance based experience in PM servicing of heavy duty trucks and equipment, including PM inspections, proper servicing procedures, troubleshooting and repair of heavy duty systems. Shop safety.

DSTA 1130 HEAVY-DUTY DRIVETRAINS 2 CR.
Prereq: DSTA 1120, DSTA 1121, concurrent with DSTA 1131 Classroom instruction in clutch, manual transmission, differential, torque converter, automatic transmission, final drive, theory and operation will be covered. Track type undercarriage will also be covered.

DSTA 1131 HEAVY-DUTY DRIVETRAINS LAB 4 CR.

DSTA 1200 ADVANCED ENGINES & ELECTRONICS 2 CR.
Prereq: DSTA 1130, DSTA 1131, Concurrent with DSTA 1211 Classroom instruction in tune-up, trouble-shooting, and maintenance of 2-cycle and 4-cycle diesel engines with emphasis on all systems.

DSTA 1211 ADV ENG. & ELECTRONICS LAB 4 CR.
Prereq: DSTA 1200, DSTA 1211, Concurrent with DSTA 1200. Stresses lab application in the tune-up, trouble-shooting maintenance of 2-cycle & 4-cycle diesel engines with emphasis on all systems, including operation, diagnostics, repair of electronic and computerized-engine controls.

DSTA 1220 HEAVY-DUTY HYDRAULICS 2 CR.
Prereq: DSTA 1200, DSTA 1211, Concurrent with DSTA 1221 Classroom instruction in fundamentals and principles of fluid power and the transmission of force and energy using pumps, actuators, valves, accumulators, cylinders, and motors as applied to mobile hydraulic systems. Shop safety.

DSTA 1221 HEAVY-DUTY HYDRAULICS LAB 4 CR.
Prereq: DSTA 1200, DSTA 1211, Concurrent with DSTA 1220. Performance based practical experience in mobile hydraulic systems, including proper servicing procedures, diagnosis, troubleshooting repair and testing of hydraulic components. Using basic fundamentals and principles. Shop safety.

DSTA 1230 HEAVY-DUTY ELECTRICAL 2 CR.
Prereq: DSTA 1220, DSTA 1221, Concurrent with DSTA 1231 Classroom instruction in basic electronics, magnetism, electronic controls, operation, maintenance, testing, troubleshooting & repair of all electrical units. Basic operation, maintenance & repair of air conditioning units.

DSTA 1231 HEAVY-DUTY ELECTRICAL LAB 4 CR.
Prereq: DSTA 1220, DSTA 1221, Concurrent with DSTA 1230. Practical experience in operation, maintenance, testing troubleshooting, & repair of electronic & electrical units in the heavy duty field. Basic operation, maintenance, & repair of air conditioning units.

DSTA 1299 DIESEL SYSTEMS SPECIAL STUDIES 1 TO 7 CR.
Prereq: instructor approval. To help students obtain specialized training specific to industry. Students must register for 1-7 credits in the DSTA program. It is taught as requested by industry.

DSTA 2000 HEAVY DUTY REPAIR CO-OP 2 TO 4 CR.
College credit for experience on the job site. Arranged in advance. Requirements are determined by the employer.

EBT 1210 CREATIVITY AND PROBLEM SOLVING 2 CR.
This course teaches highly valuable tools for finding creative solutions to any problem. The tools learned help students and working professionals be more innovative and confident in meeting life's challenges.

EBT 1800 DIGITAL MEDIA ESSENTIALS 4 CR.
Introduction to software & hardware used to create multimedia productions. Hands-on experience using hardware, software to create 2D/3D graphics, sound, animation, & video. Discussion of the multimedia market, copyright, & ethics in mass media.

EBT 2120 ELECTRONIC DESIGN AND PUBLISHING 3 CR.
This course teaches electronic publishing using MS Publisher (or other layout software) and Adobe Acrobat. Electronic documents contain links, web addresses, movies, & sounds to create marketing pieces, product catalogs, e-brochures and e-forms.

EBT 2360 MASTER THE WEB 3 CR.
Prereq: Basic PC skills, Windows 95/98. This course provides skills and knowledge in Internet fundamentals, HTML fundamentals, and networking essentials for webmasters. Preparation for the CIW Associate exam.

EBT 2430 ADVANCED SITE DESIGN 3 CR.
Prereq: EBT 2360. This course focuses on web design theory and construction, information architecture, project management. Students learn Web design tools, discuss technology standards, and explore browser issues. Preparation for the CIW Site Designer exam.

EBT 2510 SERVER ADMINISTRATION 3 CR.

EBT 2630 E-LEARNING DESIGN-DEVELOPMENT 4 CR.
Prereq: EBT 2510 Students learn how to design professional multimedia for specific audiences and purposes. Students will design and produce a complete instructional module for delivery on CDs, networks, or the Web. Web conferencing will also be used.

EBT 2820 THE WORLD OF WIRELESS 3 CR.
Students learn next-generation wireless applications & mobile Internet revolution. Students learn design for cell phones, PDAs & handheld computers. Students explore 3G wireless media, M-commerce, & mobile operating systems.

EBT 2915 SPECIAL TOPICS IN TEACHER TECH 1 CR.
Prereq: EBT 2620. This course offers a flexible forum for educators to explore, collaborate, and pursue topics of interest in using technology in the classroom. Content may include new software, field research, or guest lecture series.

ECON 1010 ECONOMICS AS SOC. SCIENCE (SS) 3 CR.
Studies the role of economics in understanding social problems. It is designed as a general information course for all individuals despite major, and satisfies the social science component of general education.

ECON 1400 ECONOMIC HISTORY OF AM. LABOR 3 CR.
Prereq: HIST 1700 or ECON 1740 Survey of the development of the labor movement and unions in America. Includes profile of working class, early trade unions, the rise of industrial trade unions, AFL-CIO, and contemporary labor developments and issues.

ECON 1600 INTRODUCTION TO ECONOMIC SYSTEMS (SS) 3 CR.
Educates students in economic systems such as capitalism, socialism, and mixed economic systems. Basic economic concepts will be used to understand and analyze social, political, and cultural influences on such systems.
ECON 1740 ECONOMIC HISTORY OF U.S. (AI) 3 CR.
Explores the historical foundations of American economic growth and development from colonial times to the present. The study of economic history provides scholars the opportunity to understand and analyze, from a historical perspective, the impact of institutional and structural changes within the American economy.

ECON 2010 PRINCIPLES OF MICROECONOMICS 3 CR.
This course studies consumer and producer behavior, and the role specific economic units play in market development. Elasticity, consumer choice, production costs, and profits are examined relative to different levels of competition.

ECON 2020 PRINCIPLES OF MACROECONOMICS 3 CR.
Prereq: None (ECON 1010 recommended). This course studies the economy as a whole. Concepts of scarcity, demand and supply, output and income, growth, inflation, unemployment, interest rates, money and banking are all examined. Current events are used as examples.

ECON 2100 LABOR ECONOMICS 3 CR.
Prereq: ECON 2020 and ECON 2030. Studies the economics of the American labor market, wage theory, labor mobility and migration, human resource development, history and role of unions, collective bargaining, and employment data studies.

ECON 2200 MONEY & BANKING 3 CR.
This course examines financial institutions and markets and their impact on the economy. This course explores such institutions from the perspective of monetary economic theory, practice, and policy.

ECON 2250 ENVIRONMENTAL ECONOMICS 3 CR.
Students will evaluate costs of environmental degradation and determine their point of impact. They will recommend best economic measures for minimizing costs to society. Economic sustainability will be considered.

ECON 2400 INTERNATIONAL ECON/FINANCE 3 CR.
Prereq: ECON 2010 or ECON 2020. This course is on economic topics pertaining to international trade and finance. This course develops theory, practice and the policy in the global context.

ECON 2990 SPECIAL STUDIES IN ECONOMICS 1 TO 3 CR.
Prereq: Instructor’s approval. Under the supervision of the instructor, students develop and follow an individualized curriculum.

EDDT 1010 TECHNICAL DRAFTING I 3 CR.
Lab practice in board drafting techniques, use of drafting tools, lettering, geometric construction, orthographic and isometric sketching, projection techniques, section views, and dimensioning standards.

EDDT 1040 INTRODUCTION TO AUTOCAD 3 CR.
Basic skills using AutoCAD for drawing applications are taught. The course includes: draw and modify commands, geometric construction, dimensions, templates, blocks and libraries, hatching, layers, scales, and plotting.

EDDT 1100 ADVANCED AUTOCAD 2 CR.
Prereq: EDDT 1040. Advanced skills using AutoCAD. Includes: introduction to detail & assembly drawings, advanced geometric construction, isometric drawing, auxiliary views, advanced dimensioning, dynamic blocks with attributes, and AutoCAD 3D Modeling.

EDDT 1200 TECHNICAL DRAFTING II 4 CR.
Prereq: EDDT 1010, EDDT 1100 (or concurrently). Overview of technical drafting disciplines: mechanical details & assemblies, fits & tolerances, flat pattern layout, electronic diagrams, structural steel including welds, civil, and piping. Students will create industry design and working drawings.

EDDT 1420 BASIC MICROSTATION 2 CR.
This course teaches drafting skills using Micro Station CAD software and includes: geometric construction, drawing and modification commands, dimensioning, cell libraries, plots, working units, patterning, seed files, and reference files.

EDDT 2160 STATICS AND STRENGTH OF MATERIALS 5 CR.
Prereq: MATH 1060. Focuses on the fundamentals of material statics and strength, theory of forces, moments, and deflection, stresses, centroids and moment of Inertia, principles of design, problem-solving and application.

EDDT 2180 ELECTRONICS DRAFTING 3 CR.
Prereq: EDDT 1060. Drafting and design techniques used in the electronics industry including: electronics symbols, schematic and logic diagrams, electro-mechanical design, printed circuit board design, artwork layout, and related industry standards.

EDDT 2190 CIVIL DRAFTING 2 CR.
Prereq: EDDT 1040, EDDT 1420. The study of the various types of civil drafting: plats, contour maps, profiles, road design, and site layout. Includes mapping terminology, symbols and standard formats. Taught using Micro Station and Land Development Desktop.

EDDT 2240 STEEL DETAILING 3 CR.
Prereq: MATH 1010, EDDT 1040. Use of the AISC manual to calculate stresses and design simple steel structures with welded and bolted connections. Layouts and drawings of details required for fabrication using appropriate industry standards and formats.

EDDT 2250 MACHINE DESIGN 2 CR.
Prereq: EDDT 2160. Review of basic algebra, trigonometry; and geometry used in the calculation of statics, stresses, and safety factors to design simple mechanical and power transmission systems such as gear trains, pulley drives, cams & hoists.

EDDT 2340 MANUFACTURING PROCESSES 2 CR.
Prereq: EDDT 1040, EDDT 1250. A broad analysis of industrial materials and processes used in manufacturing as related to design. Topics include: metal forming, casting, machining, non-metals, finishing and assembly, and the principles of material behavior.

EDDT 2350 MANUFACTURING PROCESSES LAB 1 CR.
Prereq: concurrent with EDDT 2340. Lab practice in the processes used to change material shape and condition for industrial use and the principles of material behavior. Topics include: metal forming, casting, injection molding, heat treatment, equipment selection, design criteria, shop and safety procedures.

EDDT 2360 PIPE DRAFTING 2 CR.
Prereq: EDDT 1040. This is specialized training in the drafting principles for piping layouts and drawings. It includes: symbols, fittings, controls, parts specifications, diagrams, and detail drawings using appropriate industry standards and formats.

EDDT 2420 ADVANCED MICROSTATION 2 CR.
Prereq: EDDT 1420 Advanced techniques with Micro Station software as it is used in civil design disciplines. Topics include 3D surface modeling, rendering, customization, drawing management and transfer into other software packages.

EDDT 2540 GEOMETRIC DIMENSION TOLERANCE 2 CR.
Prereq: EDDT 1040. Study of the application and interpretation of geometric dimensioning and tolerancing per the latest ASME Y 14.5 standard.

EDDT 2600 MODELING WITH SOLIDWORKS 3 CR.
Prereq: EDDT 1040 or CAD experience. Use of Solid Works software in the creation of 3D models to aid in the analysis and design of mechanical parts and assemblies. Topics include construction, extraction of engineering data, assemblies and mates, and related drawings.

EDDT 2700 ADVANCED SOLIDWORKS 2 CR.
Prereq: EDDT 2600 or equivalent experience Advanced techniques in solid modeling and analysis using Solid Works and Photo Works for solving complex design problems. Cosmos Works for design and stress analysis will also be taught.

EDDT 2710 AUTOESK 3D MODELING 2 CR.
Prereq: AutoCAD experience. Solid modeling with Mechanical Desktop or AutoCAD Inventor will be taught. Topics include: sketch planes, part construction, extraction of engineering data, assemblies and mating parts, parametric design and related drawings.

EDDT 2990 SPECIAL TOPICS 1 TO 5 CR.
Prereq: instructor approval. This course is designed so the student can work on special individualized projects under the supervision of the instructor.

EDU 1010 ORIENTATION TO EDUCATION 3 CR.
Teaching as a career, challenges and rewards, history, philosophies, social issues, legal issues, job availability, and governance. Preparation for acceptance into a teacher education program. Field experience required.

EDU 1400 STUDY OF DISABILITIES (ID, DV) 3 CR.
Examine the social dynamic between the non-disabled majority and the disabled minority as cultural groups. Historical, ethical, legal, and attitudinal perspectives relating to disability issues. Service Learning component required. Certain sections taught using service-learning.
EDU 1900  INDIVIDUAL STUDIES IN EDUCATION  1 TO 3 CR.
Prereq: Instructor's approval. Students plan areas of study, service learning
or travel and work with an instructor on an individual basis. The course
may involve readings, discussion, research, service learning, intensive
writing or other skills deemed appropriate.

EDU 2000  CO-OP EDUCATION  1 TO 2 CR.
Prereq: FHS 1500, EDU 2020 Supervised work experience in a school or
other equivalent setting. Requires the ability to apply teaching/learning
type while working with children. Credit is awarded for successful
completion of specific learning objectives.

EDU 2010  INTRODUCTION TO SPECIAL EDUCATION  3 CR.
Historical overview of legal, ethical, and social issues related to a free,
appropriate education. Levels of inclusion. Developmentally Appropriate
Practice (DAP) I.E.P. Community resources. Working with parents and
specialists.

EDU 2011  INCLUSIVE CLASSROOMS  3 CR.
Prospective general and special educators develop an understanding of the
educational needs of children with disabilities and study a variety of
instructional and organizational techniques for an inclusive classroom.

EDU 2030  RESEARCH/INQUIRY IN EDUCATION  3 CR.
Examines the general principles and methods used to explain social phe-
nomena. Topics include research design: measurement, sampling,
experiments, surveys, data analysis, association and causation, ethics and
the uses of research.

EDU 2110  ED PSYCH LEARNING & LITERACY  3 CR.
Development, application, assessment of learning, how theory guides
classes instruction, how assessments determine instructional
effectiveness.

EDU 2140  TECHNOLOGY IN THE CLASSROOM  2 CR.
Examines the fundamental concepts, knowledge, skills, and attitudes for
technology in the elementary classroom.

EDU 2150  INTRODUCTION TO MULTICULTURAL ED.  3 CR.
Students explore historical and theoretical aspects of diversity in elemen-
tary and secondary classrooms. Students learn how to create a climate for
understanding and acceptance.

EDU 2410  EDUCATIONAL LAW AND POLICY  3 CR.
Introduces laws and policies affecting professional educators in elemen-
tary and secondary schools.

EDU 2800  INST., TECH., ASSESS., & PLAN  3 CR.
Prereq. ARL Candidates only The teacher will learn to use a variety of
instructional strategies to encourage students' development of critical
thinking, problem solving and performance skills. Teachers will create an
electronic portfolio.

EDU 2820  CREATING A LEARNING ENVIRONMENT  3 CR.
Prereq. ARL Candidates only The teacher will learn how children learn
and develop, and will learn to provide learning opportunities that support
their intellectual, social, and personal development.

EDU 2840  LITERACY STRATEGIES  3 CR.
Prereq.: ARL Candidates only This course will focus on fundamentals of
reading comprehension of students and decisions teachers make concern-
ing methods, materials and procedures based on those fundamentals.

EDU 2860  SURVEY/LEARN.-TEACH. DIVERSE POPULATIONS  3 CR.
Prereq.: ARL candidates only This course will explore the rationale, con-
cepts, theory and practice of teaching diverse populations from cultural,
linguistic and socio-economic diverse backgrounds in pluralistic schools
and societies.

EDU 2900  SPECIAL TOPICS IN EDUCATION  1 TO 3 CR.
An in-depth study of a particular topic in elementary or secondary educa-
tion. The course may involve readings, discussion, research, service
learning, intensive writing or other skills deemed appropriate.

EE 1010  LAB. INSTRUMENTS AND METHODS  1 CR.
Laboratory instruction on the proper use of electronic measuring instru-
ments, including function generators, volt meters and oscilloscopes.
Loading and frequency effects are included.

EE 1020  ELECT. ENGINEERING PROBLEM W/MATLAB  1 CR.
EE. Introduction using Mat lab. Design of prototype communications
systems using script and function, files, math functions, commands for
array construction and manipulation, string expressions, logical operators,
control flow and graphics.

EE 1030  UNIX FOR ELECT ENGINEERING STUDENTS  1 CR.
Topics for this course include the X windows systems, UNIX shell com-
mands, file system issues, text editing with Emacs, accessing the World
Wide Web with Netscape, and electronic mail.

EE 1270  INTRODUCTION TO ELECTRICAL CIRCUITS I  4 CR.
Prereq: MATH 1210, with MATH 1220, PHYS 2120 & EE 1020. Basic
circuits and components on analog circuits including voltage, current
power, resistance, capacitance and inductance. Ohm's and Kirchhoff's
Laws, node voltages, branch and mesh currents, equivalent circuits. Laboratory included.

EE 2000  COOPERATIVE EDUCATION  1 TO 2 CR.
Prereq: Sophomore w/minimum 2.0 GPA, instructor's approval.
Supervised work experience in a business, industrial or governmental
environment related to the program major. Credit is awarded for comple-
tion of specific objectives that provide new learning related to the
program major.

EE 2020  PSPICE & ELECTRONICS WORKBENCH  1 CR.
Prereq: EE 1270, Concurrent with EE 2270 and EE 2280. Covers use of
Spice for programming, Pspice & Electronics Workbench for graphical
analysis. Applications include DC/AC Circuits Analysis, Operational
Amplifiers, Frequency & Transient Responses, Filters, Transistors, &
Nonlinear devices.

EE 2200  ELECT. ENGINEERING FOR CIVIL ENGINEER  1.5 CR.
Prereq: PHYS 2210, concurrent with MATH 2250. Fundamentals of elec-
trical engineering topics relevant to the practice of Civil Engineering.

EE 2210  ELECT. ENGINEERING FOR NON-EE MAJORS  3 CR.
Prereq: PHYS 2220, concurrent with MATH 2250. Fundamentals of elec-
trical engineering topics for nonelectrical engineering majors. Fundamentals of DC and AC theory, semiconductor devices, power,
motors, transformers, transducers and actuators. Laboratory is included.

EE 2260  FUND OF ELECTRICAL CIRCUITS II  4 CR.
Prereq: EE 1010, EE 1270, PHYS 2220. Natural and step Response of RCL
Circuits, Sinusoidal Steady-State, Power, Three Phase Circuits. Filters,
Frequency selective circuits, Fourier Series and Laplace Transforms, Bode
plots. Laboratory included.

EE 2280  FUNDAMENTALS OF ENGINEERING ELECTRONICS  4 CR.
Prereq: EE 1270, MATH 2250. PHYS 2220. Fundamentals of electronic
circuits and components, network models of amplifiers, diodes, BJT &
MOS transistors, frequency response, feedback and stability. Introductory
to computer circuit simulation. Laboratory included.

EE 2700  FUNDAMENTALS OF DIGITAL SYSTEM DESIGN  4 CR.
Prereq: CS 1600, PHY 2220. An introduction to digital systems, Boolean
algebra and theory and design of Combinatorial and Sequential circuits.
Computer-based software tools for schematic capture and gate array
implementations are used. Laboratory included.

EE 2900  SPECIAL TOPICS-ELECTRICAL ENGINEERING  1 TO 3 CR.
Special Topics in Electrical Engineering

EGMT 1010  INTRODUCTION TO ENERGY MANAGEMENT  2 CR.
Provides an overview of the energy mgmt field and defines need of energy
mgmt as an integral part of society. Course also presents various vocational
opportunities through lectures/guest speakers/site visits.

EGMT 1110  RES/LIGHT COMM ENERGY ANALYSIS  2 CR.
Prereq: EGMNT 1010, MATH 1010, concurrent w/ PHYS 1010. Course
introduces residential and light commercial energy use. Topics include
heating & cooling systems, building envelope, insulation type, blower
doors, indoor air quality, heat loss calculations & building instruction.

EGMT 1120  COMMERCIAL ENERGY ANALYSIS  3 CR.
Prereq: EGMNT 1210, MATH 1010 Analysis of energy use and management
in light commercial buildings, preparing for and performing walk through
audits in apartments, restaurants, and retail/office complexes. Emphasis on
analyzing data obtained from field experience.

EGMT 1130  BUILDING ENERGY SIMULATIONS  3 CR.
Prereq: EGMNT 1120. Course reviews computer programs available for
analyzing commercial buildings. Topics include code & output format,
B&I methodology, hourly simulations & current programs on market.
Students perform simulations under supervision.

EGMT 1210  AIR CONDITIONING SYS ANALYSIS  2 CR.
Prereq: EGMNT 110, PHYS 1010 An overview of the refrigeration cycle,
HVAC system types, tuning, operating and maintenance (TOM), air duct
design psychrometrics and energy conserving retrofit options.
EGMT 1220 COMMERCIAL A/C SYS ANALYSIS 2 CR.
Prereq: EGMT 1210, MATH 1010. Course will explore A/C systems commonly found in the commercial environment. Site visits to help students identify system types and conservation opportunities associated with each technology will be discussed.

EGMT 1230 ENERGY CONTROL STRATEGIES 3 CR.
Prereq: EGMT 1220, EGMT 1240. Course covers devices used to regulate energy use in buildings, pneumatic/electric/electronic, from manual to auto, simple switches to microprocessors. Emphasis on control/calibration problems & re-designing for energy efficiency.

EGMT 1240 ENERGY EFFICIENCY METHODS 2 CR.
Prereq: EGMT 1110, PHYS 1010. Emphasis on energy management techniques. methods using computerized spreadsheets, focusing on energy conversion factors, dimensional analysis & documentation standards. Fundamental efficiency calculations practiced for combustion motors and refrigeration.

EGMT 1310 LIGHTING FUNDAMENTALS 2 CR.
Prereq: EGMT 1110, PHYS 1010. Course assesses quantity & quality of light, light sources & controls, luminaries, manufacturer lamp & ballast spec., lighting power density & HVAC interactions, retrofit opportunity, cost saving analysis, lighting codes/regs, lighting audit Project.

EGMT 1320 LIGHTING APPLICATIONS 2 CR.
Prereq: EGMT 1310, MATH 1010. Students will review terminology & lighting fundamentals, IES Illumination selection procedures, evaluating lighting sys., luminaries & assoc. components, perform illumination calcs. including point by point, lumen & computerized procedures.

EGMT 1410 ENERGY INVESTMENT ANALYSIS 2 CR.
Prereq: EGMT 1210, 1240, 1310, MATH 1010. What is/isn’t appropriate energy efficiency measure investment? Utility rate schedules, simple payback analysis, comp. interest, time value of money, cost estimating, life cycle cost analysis, simulation tools reviewed. LCCA project requirements.

EGMT 1420 ENERGY ACCOUNTING 2 CR.
Prereq: CIS 1019. Course will review energy units, data gathering for energy accounting, utility rates & schedules, energy data organization, adj. baselines, cost avoidance, load factor, data analysis, data presentation, ENACT software & spreadsheet development.

EGMT 1540 ALTERNATIVE ENERGY TECHNOLOGIES 2 CR.
Survey of sources of energy that may be used to increase energy supply in the Mountain West region including: wind, geothermal, solar and biomass. Environmental, social and economic advantages of each source are assessed.

EGMT 1600 INTRODUCTION TO WATER RESOURCES 2 CR.
Introduction to various water & water-related topics such as water cycles, supplemental water sources and water conservation. Examination of personal, regional & global perceptions, behaviors & uses that impact water resources.

EGMT 1710 BASIC PHOTOVOLTAICS 2 CR.
Prereq: Admission to Energy Mgmt Program. Introduction to the basics of PV system components. Students will learn to conduct site evaluations, select components, size the major components of PV systems including: PV array, battery bank, inverter and charge controller.

EGMT 1720 ADVANCED PHOTOVOLTAICS 3 CR.
Prereq: EGMT 1710 or instructor approval. Students will learn how to safely work with photovoltaic systems, conduct site assessments, select a system design, adapt mechanical & electric designs, install subsystems & components, perform system checkouts, and maintain systems.

EGMT 2060 ENERGY MANAGEMENT SEMINAR I 1 CR.
Seminar is a pathway for students to increase their understanding of industry expectations, as well as develop job search tools/skills. Designed to transition students from classroom to co-op to professional careers.

EGMT 2065 ENERGY MANAGEMENT SEMINAR II 1 CR.
Seminar is a vehicle for students to enhance their understanding of industry expectations. Students will learn job search tools/skills. Designed to transition students from classroom to professional careers.

EGMT 2800 ENERGY MANAGEMENT INTERNSHIP 4 CR.
Prereq: Completion of all major course requirements. This course provides relevant field experience integrating theory & practice while providing opportunities to develop skills, explore career options through networking with professionals and employers in the energy management field.

EIT 1110 APPLIED MATH I ELECTR/INSTR QS 4 CR.
Prereq: MATH 1010 or equivalent with a C or better or appropriate CPT score. Introduces students to fundamentals of algebra, functions, systems of linear equations, factoring, quadratic equations. Geometry and trigonometry basics are taught. Electronics and instrumentation applications are emphasized.

EIT 1120 APPLIED MATH II ELECTR/INSTR 4 CR.
Prereq: EIT 1110 or equivalent with C or better. Introduces students to the fundamentals of trigonometric, exponential and logarithmic functions, analytic geometry, statistics, complex numbers, and higher degree equations. Applications to electronics and instrumentation are taught.

EIT 1130 APPLIED MATH III ELECTR/INSTR 2 CR.
Prereq: EIT 1120 or equivalent with C or better. Introduces students to the fundamentals of limits, derivative, and integral. Applications in electronics, instrumentation and process control are emphasized.

EIT 1140 APPLIED PHYSICS ELECTR/INSTRUMENT 3 CR.
This course provides comprehensive and practical coverage of applied physics for students considering a technical career in Electronics and Instrumentation fields.

EIT 1210 DC ELECTRICAL FUNDAMENTALS 3 CR.
Prereq: EIT 1110 or equivalent with a C grade or better, OR concurrent with EIT 1110. MATH 1050 for AS. DC circuit fundamentals, component characteristics, analysis, formulas, and theory. Lab and lecture combination to apply theory concepts and learn practical aspects of DC. Circuit construction, measurements, and troubleshooting.

EIT 1220 AC ELECTRICAL FUNDAMENTALS 3 CR.
Prereq: EIT 1210 and EIT 1120 or equivalent with C or better OR concurrent with EIT 1210 and EIT 1120. MATH 1060 for AS. Fundamentals of AC & RLC circuits characteristics. Lecture/lab to include application of theory, circuit construction, measurements, and troubleshooting. Usage of Oscilloscope, function generator, and frequency counters.

EIT 1230 ANALOG DEVICES AND CIRCUITS 3 CR.
Prereq: EIT 1220 with a C or better. Covers active devices, such as diodes, transistors, and thyristors, Op-Amps, analog circuits, biasing techniques, classes and configurations of amplifiers are covered. Applications, measurements, and troubleshooting concepts.

EIT 1240 DIGITAL CIRCUITS 3 CR.
Prereq: EIT 1220 with C or better. Covers digital circuit theory including binary/octal/decimal numbers, truth tables, logic gates, flip-flops, counters, shift registers, interfaces, A/D/D/A converter. Emphasizes practical applications and troubleshooting.

ELEC 1010 ELECT. & MODERN LIVING (ID) 3 CR.
Students will explore the history and development of electrical technology. How electrical theory, and how electricity is used and applied in our culture. Basic wiring labs and demonstrations are part of the course.

ELEC 1215 MOTOR/TRANSFORMER THEORY & LAB 3 CR.
Prereq: EIT 1220. Students will learn the diagnostic principles, applications, and operating characteristics, of motors and transformers. Students will read and interpret a variety of analog and digital metering devices.

ELEC 1235 MOTOR CONTROL THEORY & LAB 4 CR.
Prereq: EIT 1220. Students will learn to design, build and troubleshoot systems that control and monitor motors, control valves, alarms, pilot lights, starters, and relays.

ELEC 1260 ELECTRICAL CODES 3 CR.
Students will study National Electrical Code organization, tables & graphs, find and interpret requirements for services, grounding, manufacturing facilities and classified locations.

ELEC 2990 SPECIAL STUDIES IN ELECTRICITY 1 TO 3 CR.
Prereq: Instructor’s approval Special studies allow students to pursue unique interests. Credit hours and the curriculum are determined through consultations with an instructor and documented by the department. Three credits may be applied to graduation.

ELET 1020 IPC-A-610D CERT IPC SPECIALIST 2 CR.
Designed and certified by IPC. Enables students to make correct accept/reject decisions for appropriate class(es) of electronic assemblies. Certification earned through examination.
**ELET 1030**  IPC-J-STD-001 CERT SPECIALIST  2 CR.  Prereq: Students must have some quality through-hole and surface-mount soldering background: Universal Assembly and Repair (ELET 1080, KELA 1050, or KET2 0110), Surface Mount Assembly (ELET 2080, KELA 1080, or KET2 0117), PIC 610D Cert. Specialist (ELET 1020, KETA 0117, or KET2 0118), permission of instructor based on industry experience or other factors suggesting student success in course. J-STD-001 D is the sole industry-consensus standard covering soldering materials and processes. Emphasizing Criterions for quality electronic assemblies. Comprehensive, hands-on solder training & certification program based on J-STD-001.

**ELET 1080**  UNIVERSAL ASSEMBLY AND REPAIR  2 CR.  A project oriented course that provides basic soldering and assembly skills required of electronics technicians. The focus is on thru-hole soldering to industry specifications.

**ELET 1120**  CIRCUIT SIMULATION, ANALYSIS & DESIGN  2 CR.  Prereq: EIT 1230, EIT 1240 with a C or better. Covers usage of electronic circuit design, analysis, and simulation tools. Emphasis on use of schematic capture for design and analysis of analog, digital and mix-mode circuits. Also modification of circuits, components, and analysis using virtual lab instruments.

**ELET 1200**  LABVIEW BASICS: INTRODUCTION & DEV  3 CR.  Prereq: Experience with Microsoft Windows and writing algorithms in the form of flowcharts or block diagrams. Introduces the Lab VIEW, its features, dataflow programming, and common architectures. Also teaches one to design complete, stand-alone applications. Prepares for Associate Developer Cert.

**ELET 1600**  THE ELECTRONICS AGE (ID)  3 CR.  Covers how electronics has improved convenience, efficiency, productivity, reliability, health, and safety in almost every facet of modern life. Social changes in entertainment and communication fields are emphasized.

**ELET 2000**  CO-OP EDUCATION  2 TO 4 CR.  Prereq: Instructor's approval. Allows coursework to be integrated with subject area related on the job experience. Under certain conditions, ELET 2600, 2610, and 2750 can be satisfied through co-op registration with department approval.

**ELET 2010**  ADVANCED CIRCUIT ANALYSIS  3 CR.  Prereq: ELET 1030, ELET 1100. Covers advanced electronic network theory, including Thevenins, Norton's, Millmans, and superposition. Analysis of the effects of input and output impedances, and loading effects on circuit performance are taught.

**ELET 2020**  TECH CERTIFICATION  2 CR.  Prereq: ELET 1100, ELET 1130. A review of electronics theory and applications to practical problems and solutions. Computerized tutorials prepare students for the industry recognized Certified Electronics Technician (CET) Associate level examination.

**ELET 2050**  SURFACE MOUNT TECHNOLOGY  2 CR.  Prereq: ELET 1080. Covers assembly and repair of surface mount PCBs. Students use wire and paste solder, soldering irons and hot air, and vacuum solder extraction devices. Work is done to industry specs. Students receive industry recognized certification.

**ELET 2100**  ADVANCED LINEAR CIRCUITS  4 CR.  Prereq: ELET 1010, ELET 1100. Advanced applications of linear circuits. Analysis of active filters, frequency effects on amplifiers, analysis of amplifying systems and computer simulation of linear circuits are covered.

**ELET 2150**  COMMUNICATIONS SYSTEMS  4 CR.  Prereq: ELET 1100, ELET 1130. Principles of AM, FM, phase, and pulse modulation, applications, tuned, RF, and power amplifiers, transmission lines and antennae. Also covers receiver and transmitter fundamentals. Students prepare for 1st class FCC exam.

**ELET 2200**  ADVANCED MEASUREMENTS  4 CR.  Prereq: EIT 1230, EIT 1240 with a C or better. Covers electrical measurement and calibrations. Includes statistical approaches to measurement and analysis of signal and noise values. In depth investigation of measurement techniques using Oscopes, meters, analyzers, signal generators, etc.

**ELET 2300**  MICROPROCESSORS  4 CR.  Prereq: EIT 1230, EIT 1240 with a C or better. Covers basic concepts of microcomputer and microprocessor architecture, assembly language and machine language programming, debugging and troubleshooting. Interfacing hardware/software control and feedback is covered.

**ELET 2410**  MICROWAVE COMMUNICATION  4 CR.  Prereq: ELET 2150. Covers solid state microwave passive and active components, basic principles/operation of microwave systems, using the Smith chart to determine impedances of transmission lines, and operating of particular test equipment.

**ELET 2420**  ELECTRONIC VIDEO SYSTEMS  4 CR.  Prereq: ELET 2150. This course will encompass both TV systems, both simple and complex, and current VCR systems.

**ELET 2450**  LASERS AND FIBER OPTICS  4 CR.  Covers laser applications, technology, and theory, including the principles of optical fibers, applications, techniques & devices used to connect fiber networks. Modern communication systems that use optics are explored.

**ELET 2460**  TELECOMMUNICATIONS  4 CR.  Prereq: ELET 1100, ELET 1130. An overview of network LAN & WAN communications. The OSI model, topologies, and common protocols are covered. The course covers the material required to prepare students for the CompTIA NET+ examination.

**ELET 2480**  FCC LICENSE PREPARATION  4 CR.  Prereq: Instructor's approval. Principles of AM, FM, phase, and pulse modulation, applications, tuned, RF, and power amplifiers, transmission lines and antennae. Also covers receiver and transmitter fundamentals. Students prepare for 1st class FCC exam.

**ELET 2600**  BIOMEDICAL INSTRUMENTATION I  4 CR.  Prereq: ELET 2020, BIOL 1110. Introduction to Biomedical Equipment Technology. Electronic instrumentation applied to the human body. Theories of measurement, coronary care, operating rooms, EKG's, hemodialysis, ECG's, EM1 and respiratory therapy equipment.

**ELET 2610**  BIOMEDICAL INSTRUMENTATION II  1 CR.  Prereq: ELET 2600. The focus of this course is on medical equipment such as medical Ultrasonography, MRI and Radiographic systems. In addition, aspects of equipment management, record keeping, and customer service will be covered.

**ELET 2615**  BMI FIELDWORK EXPERIENCE  4 CR.  Prereq: ELET 2610. Students will complete 250 hours of practical fieldwork experience in the Biomedical instrumentation field arranged by the department. The objective is to give practice on a variety of medical instrumentation and settings.

**ELET 2750**  ELECTRONICS TROUBLESHOOTING  4 CR.  Prereq: EIT 1230, EIT 1240. Covers principles, techniques, and procedures for troubleshooting electronics equipment. The equipment covered includes power supplies, audio and RF systems, analog, and digital systems. Emphasis is on use of test equipment.

**ELET 2900**  SPECIAL TOPICS IN ELECTRONICS  1 TO 15 CR.  Prereq: Variable Special studies allow students to pursue special interests offered elsewhere in the program. Credit hours and course of study will be based on departmental approval. The course syllabus will outline documentation requirements of student.

**ELI 1110**  ELECTRICITY I A  5 CR.  Prereq: CPT 54 in Algebra or ELI 1470 with C or better. Electrical materials and devices, safety on the job site and handling of tools and equipment. Math for electricians and electrical code including definitions and basis direct current fundamentals.

**ELI 1120**  ELECTRICITY I B  5 CR.  Prereq: ELI 1110 Direct current fundamentals with application and study of the National Electrical Code including theory and definitions, circuits, direct current motors and generators. Introduction to Alternating Current is included.

**ELI 1210**  ELECTRICITY II A  5 CR.  Prereq: ELI 1120. This is the continued study of direct current fundamentals and theory. It includes applied math for electricians, capacitance and impedance, series circuits and resistance.

**ELI 1220**  ELECTRICITY II B  5 CR.  Prereq: ELI 1210. This course provides continued instruction in alternating current fundamentals and applied math for electricians. Instruction includes theory and application in transformers, alternating current methods and motor controls.

**ELI 1470**  MATH FOR THE TRADES (ID)  5 CR.  This is a customized electricians’ course in applied mathematics for the trades including algebraic and trigonometric functions.
ELI 2000 ELECTRICAL CO-OP 3 TO 6 CR.
Prereq: Instructor’s approval. College credit for experience on the job site.
Arranged in advance. Requirements are determined by the employee.

ELI 2310 ELECTRICITY III A 5 CR.
Prereq: ELI 1220. This course provides instruction in heating and air-conditioning, continued math for electricians and introduces instrumentation. Further instruction in National Electrical Code and testing equipment is provided.

ELI 2330 ELECTRICITY III B 5 CR.
Prereq: ELI 2310. This course covers advanced motor controls theory and application, transformers and specialty applications. Instruction also is provided in electronics and continuation of math for electricians.

ELI 2410 ELECTRICITY IV A 5 CR.
Prereq: ELI 3320. This is a study of atomic theory, electricity and magnetism and series-parallel circuits. Continued application and study of math for electricians and the National Electrical Code is included.

ELI 2420 ELECTRICITY IV B 5 CR.
Prereq: ELI 2410 Math for electricians including vectors and trigonometric functions. Various circuits, power sources and supplies, advanced motor and motor control. National Electrical Code is included.

ELI 2510 ELECTRICITY V A 5 CR.
Direct current and alternating current theory fundamentals, applied math and application of motors, motor controls and the National Electrical Code. Elective class to prepare journeymen for Master’s Examination.

ELI 2520 ELECTRICITY V B 5 CR.
Direct current and alternating current theory fundamentals, applied math and application of motors, motor controls and the National Electrical Code. Elective class to prepare journeymen for Master’s Examination.

ELI 2990 ELECTRICAL SPECIAL STUDIES 5 CR.
Special course requested by the Utah State Licensing Board for applicant electricians to review lab projects prior to retaking practical journeyman’s exam.

ELI 2991 ELECTRICAL SPECIAL STUDIES II 5 CR.
Special course requested by the Utah State Licensing Board for applicant electricians to review theory prior to retaking journeyman’s examination.

ELTA 1010 DC/AC BASIC ELECTRONICS 6 CR.
Covers basic electronics theory, DC and AC fundamentals, circuit analysis and troubleshooting. Students learn the use of electronics test equipment such as meters, oscilloscopes, and function generators.

ELTA 1030 ACTIVE DEVICES 6 CR.
Prereq: ELTA 1010, ELTA 2100 Fundamentals of active devices-diodes, bipolar, junction and field effect transistors, thyristor family and opto electronic family. Biasing techniques, basic amplifier classes and configurations. Basic power supplies.

ELTA 1040 TECHNICAL BASIC 2 CR.
Prereq: Concurrent with ELET 1010. Course covers MSDOS, Windows applications and an Introduction to structured programming using QBASIC. Focus is on practical applications that electronics and other technology students might encounter in industry.

ELTA 1050 ELECTRONICS MATH 3 CR.
Prereq: CPT or MATH 1010. This course covers basic arithmetic, algebraic operations, and plane trigonometry required for an electronics training program. Graphical solutions, determinants, circular solutions, and systems of equations are covered.

ELTA 1080 ELECTRONICS ASSEMBLY SKILLS 2 CR.
A project-oriented course that provides basic soldering and assembly skills required of electronics technicians. The focus is on thru-hole soldering to industry specifications. Students receive an industry recognized certification.

ELTA 1100 LINEAR CIRCUITS 4 CR.
Course active devices, such as diodes, transistors, thyristors, and opto-electric devices. Amplifier biasing and categories are covered, including linear and non-linear circuits. Troubleshooting concepts are emphasized.

ELTA 1130 DIGITAL CIRCUITS 4 CR.
Covers basic theory of digital circuits, binary, octal, and hexadecimal number systems, truth tables, gates, counters, and logic devices. AC/DC and DC/AC conversion is covered and lab projects emphasize troubleshooting.

ELTA 2000 ELEC/COMP TECHNOLOGY CO-OP 1 TO 8 CR.
Prereq: Instructor approval. College credit awarded for on-the-job experience. Arranged in advance with requirements determined by the employer, employee, and instructor.

ELTA 2010 ADVANCED CIRCUIT ANALYSIS 2 CR.
Prereq: ELTA 1010, ELTA 1020. Covers advanced electronic network theory including Thévenin’s, Norton’s, Millmans, and superposition. Analysis of the effects of input and output impedances, and loading effects on circuit performance are taught.

ELTA 2020 TECHNICIAN CERTIFICATION 2 CR.
Prereq: ELTA 1100, ELTA 1120 Review of electronics theory, applications to practical problems, & solutions. Computerized tutorial prepares students for industry-recognized Associate level examination (National Assoc. of Radio & Telecommunication Engineers (NARTE)).

ELTA 2100 ADVANCED LINEAR CIRCUITS 6 CR.
Prereq: ELTA 1010, ELTA 1120. Advanced applications of linear circuits. Analysis of active filters, frequency effects on amplifiers, analysis of amplifying systems and computer simulation of linear circuits are covered.

ELTA 2140 ADVANCED DIGITAL CIRCUITS 6 CR.
Prereq: ELTA 1130. The course covers advanced digital topics, including Karnaugh maps, advanced logic circuits, advanced counters, shift registers, memory systems, fundamentals of microprocessors and microprocessor architecture.

ELTA 2150 COMMUNICATION SYSTEMS 4 CR.
Prereq: ELTA 1100, ELTA 1130 Principles of AM, FM, phase, and pulse modulation, applications, tuned, RF, and power amplifiers, transmission lines and antennae. Also covers receiver and transmitter fundamentals. Students prepare for 1st class FCC exam.

ELTA 2200 ADVANCED MEASUREMENTS 4 CR.
Prereq: ELTA 1010, ELTA 1120. Covers electrical measurements and calibrations. Includes statistical approaches to measurement and analysis of signal and noise values. In depth investigation of measurement techniques using O’scopes, meters, analyzers, etc.

ELTA 2300 MICROPROCESSOR PROGRAMMING 4 CR.
Prereq: ELTA 1120, ELTA 2140. Concepts of the basic computer system architecture, 68HC11 architecture, machine language and assembly language programming, debugging and trouble shooting. Hands on trainer and program problem solving.

ELTA 2350 MICROPROCESSOR APPLICATIONS 6 CR.
Prereq: ELTA 2300. Introduces the student to microprocessor interfacing including data & control in as well as data & control out. Using PIa Interface adapter & writing control programs to operate & control external devices. Introduction to robotics.

ELTA 2480 FCC LICENSE PREPARATION 4 CR.
Prereq: Instructor approval. Principles of AM, FM, phase and pulse modulation, applications, tuned, RF, and power amplifiers, transmission lines and antennae. Also covers receiver and transmitter fundamentals. Students prepare for 1st class FCC exam.

ELTA 2300 SPECIAL TOPICS IN ELECTRONICS 4 CR.
Special studies allows students to pursue special interests offered elsewhere in the program. Credit hours and course of study will be based on departmental approval. The course syllabus will outline documentation requirements of student.

ELTR 1010 DC/AC BASIC ELECTRONICS 6 CR.
Prereq: ELTR 1040, concurrent with ELTR 1050. Covers basic electronics theory, DC and AC fundamentals, circuit analysis and troubleshooting. Students learn the use of electronic equipment such as meters, oscilloscopes, and function generators.

ELTR 1030 ACTIVE DEVICES 6 CR.
Prereq: ELTA 1010 or ELTR 1010 and ELTA 2100 or ELTR 2100. Fundamentals of active devices-diodes, bipolar junction and field effect transistors, thyristor family, opto electronic family, biasing techniques, basic amplifier classes, configurations, and basic power supplies.

ELTR 1040 TECHNICAL BASIC 2 CR.
Prereq: Concurrent with ELTR 1010. Covers MSDOS, Windows applications, and introduction to structured programming using QBASIC. Focus on practical applications that electronics and other technology students may encounter in the industry.
ELTR 1050  ELECTRONICS MATH 3 CR.
Prereq: MATH 1010 or appropriate CPT score. Covers basic arithmetic, algebraic operations, and plane trigonometry required for electronics training program. Graphical solutions, determinants, circular solutions, and systems equations are covered.

ELTR 1080  ELECTRONIC ASSEMBLY SKILLS 2 CR.
A project-oriented course that provides basic soldering and assembly skills required of electronic technicians. The focus is on thru-hole soldering to industry specifications. Students receive an industry recognized certification.

ELTR 1100  LINEAR CIRCUITS 4 CR.
Prereq: CLTR 1010 and ELTR 1050. Course covers active devices such as diodes, transistors, thyristors, and opto-electric devices. Amplifier biasing and categories are covered, including linear and non-linear circuits. Troubleshooting concepts are emphasized.

ELTR 1130  DIGITAL CIRCUITS 4 CR.
Covers basic theory of digital circuits, binary, octal, and hexadecimal number systems, truth tables, gates, counters, and logical devices. AC/DC and DC/AC conversion is covered and lab projects emphasize troubleshooting.

ELTR 2000  ELEC/COMP TECHNOLOGY CO-OP 1 TO 8 CR.
Prereq: Instructor approval. College credit awarded for on-the-job experience. Arranged in advance with requirements determined by the employer, employee, and instructor.

ELTR 2010  ADVANCED CIRCUIT ANALYSIS 2 CR.
Prereq: ELTR 1010 and ELTR 1100. Covers advanced electronic network theory including Thevenin’s, Norton’s, Millman’s and superposition. Analysis of the effects of input and output impedances and loading effects on circuit performance are taught.

ELTR 2020  TECHNICIAN CERTIFICATION 2 CR.
Prereq: ELTR 1100 and ELTR 1130. Review of electronics theory, applications to practical problems, and solutions. Computerized tutorial prepares students for industry-recognized associate level exams (National Assoc. of Radio & Telecom Engineers (NARTE)).

ELTR 2100  ADVANCED LINEAR CIRCUITS 6 CR.
Prereq: ELTR 1010 and ELTR 1100. Advanced applications of linear circuits. Analysis of active filters, frequency effects on amplifiers, analysis of amplifying systems and computer simulation of linear circuits are covered.

ELTR 2140  ADVANCED DIGITAL CIRCUITS 6 CR.
Prereq: ELTR 1130 or ELTA 1130. Course covers advanced digital topics, including Karnaugh maps, advanced logic circuits, advanced counters, shift registers, memory systems, and fundamentals of microprocessor architecture.

ELTR 2150  COMMUNICATION SYSTEMS 6 CR.
Prereq: ELTR 1100, ELTR 1130. Principles of AM, FM phase, and pulse modulation, applications, tuned, RF and power amplifiers, transmission lines and antennae. Also covers receiver and transmitter fundamentals. Students prepare for 1st FCC exam.

ELTR 2300  MICROPROCESSOR PROGRAMS 6 CR.
Prereq: Instructor approval. Concepts of the basic computer system architecture, 8086/88 architecture, machine language and assembly language programming, debugging and troubleshooting. Hands-on training and program problem solving.

ELTR 2350  MICROPROCESSOR APPLICATIONS 6 CR.
Prereq: ELTR 2300. Introduces students to microprocessor interfacing including, data and control-in, and data and control out. Using PIA Interface adapter and writing control programs to operate and control external devices. Introduction to robotics also taught.

ELTR 2480  FCC LICENSE PREPARATION 4 CR.
Prereq: Instructor approval. Principles of AM, FM, phase and pulse modulation, applications, tuned, RF and power amplifiers, transmission lines and antennae. Also covers receiver and transmitter fundamentals. Students prepare for 1st class FCC exam.

ELTR 2900  SPECIAL TOPICS IN ELECTRONICS 4 CR.
Special Studies allows students to pursue special interests offered elsewhere in the program. Credit hours and course of study will be based on department approval. Course syllabus will outline requirements for each student.

ENGL 1010  INTRODUCTION TO WRITING (EN) 3 CR.
Prereq: WRTG 0990 w/C or better, equivalent or placement. Development of critical literacies-reading, writing and thinking using methods of knowledge-making. Promotes awareness of rhetorical strategies as they apply to a variety of socio-cultural contexts.

ENGL 1030  WRITING IN PROFESSIONS (HR) 3 CR.
Prereq: ENGL 1010. Course examines theoretical principles, practical applications and ethical approaches of public and professional writing and places these concepts in experience-specific settings and contexts with the focus on writing as human interaction.

ENGL 1050  INTRO/RDG CONTMP CULTURE (HU,DV) 3 CR.
Students will analyze various aspects of contemporary U.S. culture in order to challenge the structures that serve to the advantage of certain social groups and to the disadvantage of others.

ENGL 1060  TECH STUDIES/RDG, WRTG & RSPD (HU) 3 CR.
Examines how technology influences power, authority, social relations and literacy. Investigates the impact of technology on the individual and society.

ENGL 1100  DIVERSITY /POP US LIT 3 CR.
Course examines popular American genres as sites of cultural struggle. Students study how popular American writing preserves cultural values and reinforces imbalances of power along lines of race, class, gender, and sexual orientation.

ENGL 1200  INTRODUCTION TO LING./STUDY OF LANG. 3 CR.
Introduces students to the study of language. Students explore the sound, structure and social role of language in immediate and distant cultures. Natural language events will be observed, collected, interpreted and analyzed.

ENGL 1800  DIGITAL MEDIA ESSENTIALS 4 CR.
Introduction to software & hardware used to create multimedia productions. Hands-on experience using hardware, software to create 2D/3D graphics, sound, animation, & video. Discussion of the multimedia market, copyright, & ethics in mass media.

ENGL 1810  WRITING CENTER THEORY & PRACTICE 3 CR.
Prereq: ENGL 1010 with a C or better. Introduces students to the theory, practice, and pedagogy of writing center and provides practical experience through service-learning opportunities at SLCC’s Writing Center (SWC) and Community Writing Center (CWC).

ENGL 1820  PUBLICATION STUDIES 3 CR.
Prereq: ENGL 1800 with a C or better. Introduces students to the theory and practice of production, circulation, and distribution of printed and digital writing. Provides experience with publication software and equipment. Students will assist peers with production.

ENGL 1900  SPECIAL STUDIES 1 TO 3 CR.
Prereq: ENGL 1010 or instructor's approval. Students propose a possible writing project for example, genre-based fiction or poetry or technical writing, then meet with the instructor a number of times throughout the semester to create and revise the project.

ENGL 2000  ENGLISH CO-OP EDUCATION 2 TO 4 CR.
Prereq: Sophomore w/minimum 2.0 GPA, study-related employ. Supervised work experience in a business, industrial or government environment related to the program. Credit for successful completion of specific learning objectives that provide new learning related to the job and the program.

ENGL 2100  INTERMEDIATE WRITING (EN) 3 CR.
Prereq: ENGL 1010 with a C or better. Extends principles of rhetorical awareness and knowledge making introduced in English 1010 and increases the ideological engagement within the classroom. Interrogates socioeconomic and political issues. Certain sections taught using service-learning.

ENGL 2300  LANGUAGE IN SOCIETY (HU, DV) 3 CR.
Prereq: ENGL 1010 with a C or better. Through a study of the patterns and functions of language in U.S. society, this course addresses how language establishes cultural identities and social alliances, creates and disseminates knowledge, and develops and maintains power.

ENGL 2400  TECHNICAL WRITING (EN) 3 CR.
Prereq: ENGL 1010 with a C or better. Professional writing in technical fields, contextualizing assignments in real-life work situations. Adaptation of writing strategies to cultural, social, and political contexts. Composing of diverse workplace documents. Certain sections taught using service-learning.
ENGL 2250  INTRO/IMAGINATIVE WRIT (HU)  3 CR.
Introduction to various practices and genres of imaginative writing. The course invites writers to explore the rich resources of language at play in all kinds of writing. Students prepare a portfolio of their revised work.

ENGL 2260  INTRODUCTION TO WRITING POETRY (HU)  3 CR.
Introduction to forms and meta-forms of poetry. The course invites student writers to take up historic and modern forms and to engage with poetry’s history. Students prepare a portfolio of their revised work.

ENGL 2270  INTRODUCTION TO WRITING FICTION (HU)  3 CR.
Fiction will be examined as to its origins, conventions and effects on audience. Investigation of where distinctions of fiction, autobiography and other prose writing become ambiguous. Cultural assumptions and influences discussed.

ENGL 2280  INTRODUCTION CREATIVE NONFICTION (HU)  3 CR.
Introduction to the conventions the creative nonfiction genre. Students read, analyze, and practice various forms of the essay. Creative non-fiction invites writers to make connections between personal experiences and the larger world.

ENGL 2290  INTRODUCTION NOVEL WRITING  3 CR.
Introduction to the history and conventions of the novel. Students will read, analyze, and practice various genres. Course invites writers to explore various structures.

ENGL 2300  INTRODUCTION TO SHAKESPEARE  3 CR.
Prereq: ENGL 1010 with a C or better. Interpretive strategies for reading Shakespeare. Approach from traditional critical positions, moving to current social cultural and political reinterpretations. Students examine contemporary retellings of the plays.

ENGL 2330  CHILDREN’S LITERATURE  3 CR.
Prereq: ENGL 1010 with a C or better. This course explores texts written for children through the elementary level. Emphasis is placed on scope, artistic merit, and selection.

ENGL 2500  ENGLISH GRAMMAR  3 CR.
Introduces students to the forms and functions of English grammar. Topics include formal and informal usage. Emphasis on describing the structure of English grammar.

ENGL 2510  STYLISTICS  3 CR.
Prereq: ENGL 1010 with a C or better. A study of prose style, focusing on shaping sentences, paragraphs, and longer discourses for rhetorical effect, elegance, clarity, readability, and coherence. Students will gain practical abilities to edit their own and others prose.

ENGL 2550  CRITICAL INTRODUCTION TO LIT. (HU)  3 CR.
Course introduces and analyzes various genres of literature in light of a variety of critical and theoretical approaches.

ENGL 2560  DIVERSITY IN AM LIT (HU, DV)  3 CR.
Prereq: ENGL 1010 with a C or better. Course interrogates historical, political and cultural ideas suggested and sustained within representative American texts, some classic, others newly emerging. Materials include both traditional and popular readings.

ENGL 2620  LIT, CULT & IDEAS/BRIT WRITING  3 CR.
Prereq: ENGL 1010 with a C or better. Course interrogates historical, political and cultural ideas suggested and sustained within representative British and Colonial texts, some classic, some newly emerging. Materials include both traditional and popular readings.

ENGL 2650  INTRODUCTION CRITICAL THEORY  3 CR.
Prereq: ENGL 2600. This course outlines, and challenges, the central orthodoxies of cultural criticism in the 20th century. Includes linguistics, Marxism, feminism, and various post-structuralisms. Includes film and pop-cultural texts.

ENGL 2710  INTRODUCTION TO FOLKLORE (HU)  3 CR.
Study of the importance of ordinary people and their constructions of cultural meanings. Popular creation of material goods, oral traditions, customs, and meaning-making are examined through numerous academic and hands-on methods.

ENGL 2740  INTRODUCTION TO WOMEN’S STUDIES (HU)  3 CR.
Surveys the cultural and social forces that have determined women’s place in society. Women’s issues are examined within cultural, social and political contexts that influence ideologies of gender and power.

ENGL 2760  GENDER/CULTURAL STUDIES (HU, DV)  3 CR.
Examines texts (literature, film, theory) to understand social constructs in the U.S. Studies the power of language to preserve cultural values & reinforce imbalances of power based on gender as well as race, class, & sexual orientation, etc.

ENGL 2810  NATIVE AM LIT & EXP (HU,DV)  3 CR.
Prereq: ENGL 1010 with a C or better. This course explores Native American Experiences, including a survey of histories, literatures, cultural patterns and contemporary experiences, examined within the framework of cross-cultural interactions and competing world views.

ENGL 2830  DIVERSE WOMEN WRITERS (HU,DV)  3 CR.
Course examines the range of US women’s voices and explores how racism, sexism, and cultural imperialism affect identity formation and relations between the powered and the disempowered.

ENGL 2850  GLBT STUDIES (HU, DV)  3 CR.
Introduction to postmodern and queer theories of societal gender construction as seen in literature & film, beginning with the history of heterosexism and questioning modern US society’s treatment of Gay, Lesbian, Bisexual, & Transgendered people. ENROLLMENT IN THIS COURSE IMPLIES NOTHING ABOUT THE STUDENT’S SEXUAL ORIENTATION.

ENGL 2900  SPECIAL TOPICS IN ENGLISH  1 TO 3 CR.
In depth study of a particular topic in English Studies. It involves readings, discussion, research, and intensive writing.

ENGR 1000  ENGINEERING PROBLEM SOLVING  2 CR.
Prereq: MATH 1060, concurrent with ENGR 1020. Introduction to engineering problem-solving techniques and tools used. Includes use of calculators, spreadsheets, math application software, and computer graphics in solving simplified engineering-type problems.

ENGR 1020  INTRODUCTION TO ENGINEERING AS A CAREER  1 CR.
Prereq: Concurrent with ENGR 1000. An introduction to Engineering as a career including such topics as potential salaries, schooling required, career opportunities, problem solving techniques they use, and different disciplines within engineering.

ENGR 1030  MATLAB PROBLEM SOLVING  3 CR.
Prereq: MATH 1060. An introduction to engineering problem-solving using MATLAB. Course work includes interactive computing, data analysis, and graphics.

ENGR 1040  ENGINEERING COMPUTING  3 CR.
Prereq: MATH 1050, concurrent with MATH 1060. A first course in engineering problem solving, this course introduces MATLAB and C++. Problems are drawn from the various disciplines in engineering. No previous experience with computer programming is assumed.

ENGR 1050  INTRODUCTION TO NANOTECHNOLOGY (ID)  3 CR.
Nanoscience sits at the intersection of the basic scientific disciplines. This technology has far reaching implications in healthcare, environment, business and society, and has wide ranging ethical impacts in the world today. This course introduces the basic concepts of nanoscience and explores how it is changing our world.

ENGR 2900  SPECIAL TOPICS ENGINEERING  1 TO 3 CR.
Special Topics in Engineering.

ENGT 1100  PRINCIPLES OF ENGINEERING TECH  2 CR.
Prereq: CIS 1020. Provides an overview of engineering technology. Students develop problem-solving skills by tackling real-world problems and address the emerging consequences of technological change through theory & practical hands-on experience.

ENGT 1600  INTRODUCTION TO ENGINEERING TECH. DESIGN  3 CR.
Prereq: ENGT 1100. Emphasizes the development of design. Students use computer software to produce, analyze and evaluate models, study the design concepts of form and function, and translate conceptual design into reproducible products.

ENGT 1800  INTRODUCTION TO COMP INTEGRATED MANUF  3 CR.
Prereq: ENGT 1600. An introduction to Computer Integrated Manufacturing. Topics of study include computer modeling, CNC machining, robotics, and computer integrated manufacturing systems. Students will be involved in extensive hands-on projects.

ENGT 2600  ENGR TECH DESIGN AND DEVELOP  3 CR.
Prereq: ENGT 1600. Provides students with a hands-on opportunity to take a design project from concept development, through research, solution, process documentation, prototype development and testing, and final presentation.
ENV 1010  **RACE TO SAVE PLANET (ID)**  3 CR.
Interdisciplinary elective giving students an understanding of the connections between people and the environment. Environmental problems from local and global perspectives and the world are discussed. Designated as Service Learning class.

ENV 1030  **ESSENTIALS OF RADIATION SAFETY**  1 CR.
This 2-day course focuses on the impact of radiation in industry including the potential impact of radiation uses in terrorist activities, transportation of radioactive materials, common radiation sources used in industry, and emergency response to radiation events.

ENV 1040  **WORKPLACE SAFETY BASICS**  2 CR.
This course reviews environmental, health and safety issues common to about all industrial work environments: such as chemical safety, worker's rights, personal protection, and other causes of workplace injuries and illnesses.

ENV 1050  **INTRODUCTION TO ENVIRONMENTAL TECH**  3 CR.
Overview of the Environmental Technology field. Focus on vocabulary, interdisciplinary aspects of the field and introduce environmental laws and regulations. Communication skills will be practiced.

ENV 1060  **INTRODUCTION OCC HEALTH/SAFETY**  3 CR.
General overview of Occupational Health & Safety. Focus is on OSHA reg., workers comp, accident causation & prevention, OH&S fields such as industrial hygiene and industrial ergonomics. Student presentations & internet will be emphasized.

ENV 1100  **WASTE STREAM GEN/RED/TREATMENT**  3 CR.
Prereq: CHEM 1010. Students develop an understanding of industrial processes, waste reduction and treatment methods. Several common industries are examined. An industry of the student's choice will be examined and presented.

ENV 1250  **SPECIAL STUDIES: EH & S ISSUES**  1 TO 3 CR.
Independent study course. May include attendance at conferences, review trade journal articles and research projects on pre-approved areas related to the ENV field. Instructor's permission required.

ENV 1300  **BASIC TOXICOLOGY**  3 CR.
Prereq: BIOL 1110. Overview of toxicology as it relates to the environmental & industrial setting. The toxic effect of common chemical families on the major organ systems will be addressed. A chemical profile will be researched and presented in class.

ENV 1920  **SHORT COURSES & WORKSHOPS**  1 TO 3 CR.
Prereq: Instructor's permission. This course will be a short course, workshop, or special program that focuses on a specific environmental technology or safety issue. Instructor's permission required.

ENV 2000  **CO-OP EXPERIENCE**  2 TO 4 CR.
Prereq: ENVT 1050, ENVT 1010. This is supervised work experience in a business, industry, or government position related to environmental technology. Credit is awarded for successful completion of learning objectives. Instructor's permission required.

ENV 2100  **ENVIRONMENTAL COMPLIANCE I**  3 CR.
Prereq: ENV 1050, ENV 1100. Identify, interpret and practice application of EPA-Utah regulations associated with air quality, water quality, UST, National Environmental Policy Act. Calculations, permits, programs reviewed, and tours on industry taken.

ENV 2120  **HAZARDOUS MATERIAL TRANSPORTATION**  1 CR.
Students will receive DOT HM 126F training for shipping hazardous materials/hazardous waste. Includes shipping papers, marking, labeling, placarding and selecting proper packaging. Certificate of completion is given.

ENV 2130  **HAZARDOUS WASTE MANAGEMENT**  2 CR.
Prereq: ENV 2120 or DOT HM 126F certification. The regulatory and management aspects of the Resource Conservation and Recovery Act (RCRA) are the focus of this course, including waste identification, generator status, storing, shipping, and disposing of hazardous waste.

ENV 2150  **ENVIRONMENTAL COMPLIANCE II**  3 CR.
Prereq: ENV 1050, ENV 1100. This course focuses on the regulatory requirements of the Resource Conservation and Recovery Act as well as the Emergency Planning and Community Right to Know Act. Course includes hands on exercises and internet use.

ENV 2200  **LAWS/POLICY FOR SUSTAINABILITY**  3 CR.
Prereq: ENV 1010. Explore the laws & policies in the US which affect sustainability. Discuss policies & applications for sustainability includes a project connecting laws, regulations, policies, treaties and science to a major sustainability issue.

ENV 2400  **HAZARDOUS WASTE OP & EMERGENCY RESPONSE**  2 CR.
Prereq: ENV 1300, concurrent with ENV 2410. This course provides hands-on instruction for HAZWOPER and personal protection while working with chemical and physical hazards. Principles of PPE, ICS, hazard recognition, and spill response. Certificates are granted upon completion.

ENV 2410  **HAZARDOUS WASTE & EMERGENCY RESPONSE LAB**  1 CR.
Prereq: Concurrent with ENV 2400. Graded lab to be taken per concur. with ENV 2400.

ENV 2420  **EMERGENCY RESPONSE ANNUAL REFRESHER**  0.5 CR.
Prereq: ENV 2400, ENV 2410, permission of instructor. Annual update of laws and regulations for emergency responders, participation in a hands-on demonstrating proficiency in using equipment and recommended processes.

ENV 2800  **SAMPLING AND ANALYSIS**  2 CR.
Prereq: ENV 1050 OR CHEM 1010, concurrent with ENV 2810. Provides hands-on approach to sampling, monitoring, and analysis methods used in field sites and laboratories. A site assessment is completed at a selected site. Monitoring of Jordan River for local POTW. Taken with ENV 2810.

ENV 2810  **SAMPLING AND ANALYSIS LAB**  1 CR.
Prereq: Concurrent with ENV 2800. Provides field opportunities to practice application of sampling, monitoring, and analysis of methods discussed in ENV 2800. Record keeping is major focus, along with following SOPs. Must be taken with ENV 2800.

ESL 1010  **COLLEGE LISTENING AND SPEAKING**  7 CR.
Prereq: LOEP>72/TOEFL 133-172/>450 Prepares students to participate in college classes. Note taking from college lectures, student presentations, are covered.

ESL 1020  **COLLEGE READING AND WRITING**  8 CR.
Prereq: LOEP-72/TOEFL 133-172/350. Course includes comfort and fluency in writing, academic essays, college textbook reading, and vocabulary building.

ESL 1030  **ESL CONVERSATION**  3 CR.
Prereq: LOEP-72/TOEFL 133-172/350 Helps students improve general English conversation skills through intensive practice.

ESL 1040  **ESL GRAMMAR**  3 CR.
Prereq: LOEP-72/TOEFL 133-172/350 Provides instruction and practice in the accurate use of English grammar, including verb tenses, articles, word order, sentence connections, adverbials, and prepositions.

ESL 1050  **ESL VOCABULARY**  3 CR.
Prereq: LOEP-72/TOEFL 133-172/350 Encourages students to increase their vocabulary and to accurately use academic and conversational words and idiomatic phrases in speaking and writing.

ESL 1060  **ESL PRONUNCIATION**  3 CR.
Prereq: LOEP-72/TOEFL 133-172/350 Assist students in improving all levels of pronunciation, including individual sounds, word stress and sentence intonation.

ESL 1070  **TOEFL PREPARATION**  3 CR.
Prepares student to take the Test of English as a Foreign Language.

ESL 1080  **BUSINESS ENGLISH FOR ESL**  3 CR.
Prereq: LOEP-72/TOEFL 133-172/350 Introduces students to the proper use of English in business situations, including job interviews and resume writing.

ESL 1090  **AMERICAN CULTURE & CITIZENSHIP**  3 CR.
Prereq: LOEP-72/TOEFL 133-172/350 Provides students with instruction in the culture and history of the United States for general preparation and in preparation for the US citizenship test.

ESL 1900  **SPECIAL STUDIES ESL**  4 CR.
Seminars and workshops for students learning English as a Second Language.

EST 1101  **BASIC ESTHETICS LAB I**  6 CR.
First of two labs taken concurrently. Practice and experience in facials, facial massage & treatments, body & facial waxing, pedicures/manicures, introduction to lymphatic drainage, make-up, lash/brow tinting, Level I esthetics.

EST 1110  **BASIC ESTHETICS THEORY I**  4 CR.
Theory of esthetics includes anatomy, physiology, histology facials, facial massage & treatments, body & facial waxing, pedicures/manicures, make-up, & lash/brow tinting.
EST 1201 BASIC ESTHETICS II 6 CR.
Second of two labs taken concurrently. Practice & experience in facials, facial massage & treatments, body & facial waxing, pedicures/manicures, introduction to lymphatic drainage, make-up, lash/brow tinting, all aspects of Level 1 esthetics.

EST 1210 BASIC ESTHETICS THEORY II 4 CR.
Theory of esthetics including Chemistry for the Esthetician, Cosmetic Chemistry, Basic of Electricity, Product selection & ingredients, Estheticians industry overview, Make up, Salon spa business, Selling products & services, Career Planning.

EST 1301 MASTER ESTHETICIAN I LAB 6 CR.
Prereq: Must be enrolled in EST 1310. The first lab in a series of two that teach Advanced Esthetic competency to fulfill the requirements mandated by the State of Utah to sit for the Master Esthetics License examination.

EST 1310 MASTER ESTHETICIAN I 4 CR.
Prereq: Proof of Cosmetology/Barbering License or Basic Esthetician License from the State of Utah. The first in a series of two classes that teach advanced esthetic competency to fulfill the requirements mandated by the State of Utah to sit for the Master Esthetics License examination.

EST 1401 MASTER ESTHETICIAN II LAB 6 CR.
Prereq: EST 1310 & 1301, concurrently enrolled in EST 1410. The second lab in a series of two that teaches advanced esthetic competency to fulfill the requirements mandated by the State of Utah to sit for the Master Esthetics License examination.

EST 1410 MASTER ESTHETICIAN II 4 CR.
Prereq: Must have successfully completed EST 1310 & 1301. The second class in a series of two, that teaches advanced esthetic competency to fulfill the requirements mandated by the State of Utah to sit for the Master Esthetics License examination.

EST 2900 INDEPENDENT STUDY 1 TO 16 CR.
Prereq: Satisfactorily completed EST 2400, 2410, 2500, 2510, 2600, 2610. Students needing additional clock hours after completing required course work can register for 1-16 credits of EST 2900 (1 credit equals 30 clock hours.)

ETHS 2410 AFRICAN AMER. CULTURE (SS, DV) 3 CR.
Introduction to historical, political, social & cultural experiences of African Americans in US society including the impact of privilege & discrimination, use of social work frameworks to increase competency in complex cultural & community issues.

ETHS 2420 ASIAN AMERICAN CULTURE (SS, DV) 3 CR.
Introduction to historical, political, social & cultural experiences of diverse Asian Americans in US society including the impact of privilege & discrimination, use of social work frameworks to increase competency in complex cultural & community issues.

ETHS 2430 MEXICAN AMER. CULTURE (SS, DV) 3 CR.
Introduction to historical, political, social & cultural experiences of Mexican Americans in US society including the impact of privilege & discrimination, use of social work frameworks to increase competency in complex cultural & community issues.

ETHS 2440 NATIVE AMER. CULTURE (SS, DV) 3 CR.
Introduction to historical, political, social & cultural experiences of Native American groups in US society including the impact of privilege & discrimination, use of social work frameworks to increase competency in complex cultural & community issues.

EVNT 1010 INTRODUCTION TO EVENT & MTG PLANNING 2 CR.
This introductory course acquaints students with the common components of well executed meetings and events. Course introduces site selection, food/beverage, audio visual, contracts, industry overview and career possibilities.

EVNT 1100 SITE SELECTION/NEGOTIATION/LAW 1 CR.
This course outlines the key elements to successful site selection, negotiation issues/techniques, contract provisions/analysis & diverse industry contracts. Legal issues unique to the meeting industry will be identified.

EVNT 1200 TRANSPORTATION & HOUSING 1 CR.
The logistics of air and ground transportation and hotel arrangements will be discussed. Students will learn trade strategies to make informed decisions leading to a successful meeting experience.

EVNT 1300 EVENT REGISTRATION 1 CR.
This course will introduce students to the various registration systems and keys to selecting the best registration method. Students will learn the process to make informed decisions.

EVNT 1400 FOOD AND BEVERAGE MANAGEMENT 1 CR.
Learn a systematic approach to evaluating meeting objectives and group needs as they relate to menu design, pricing structures, guarantee strategies, negotiation items and overall information about food and beverage services.

EVNT 1500 HOTEL SALES & OPERATION 3 CR.
Students will be introduced to the principles and procedures of hotel sales and operation by taking part in learn-by-doing activities. Networking, building internal & external relationships, and selling techniques will also be taught.

EVNT 1600 SPECIAL EVENTS 3 CR.
Students will be provided with the tools needed to hold effective special events. Venues including meetings, conferences, exhibits, fairs, trade shows, international events, weddings, etc. will be addressed.

EVNT 1700 NON PROFIT EVENT PLANNING 1 CR.
Course will focus on planning successful special events for non-profit organizations. Course will explore fund-raising breakfasts, black tie galas, festivals, auctions, golf tournaments, fashion shows, concerts and soirees.

EVNT 1800 BUDGETING FOR EVENT PLANNERS 1 CR.
Course will introduce essential tools needed to prepare a budget for events of all sizes, information gathering, analyzing goals/objects and preparing and communicating presentations to clients.

EVNT 1850 ETIQUETTE IN TODAY’S WORLD 1 CR.
This introductory course will discuss international and business protocol and the effect etiquette has in the social arena. Basic dining skills will be discussed and an interactive dining tutorial will be included.

EVNT 1890 EVENT PLANNING INTERNSHIP 1 TO 2 CR.
Prereq: Minimum completion of 10 EVNT credit hours, previous related employment experience, or instructor's approval. This course is designed to give students practical hands-on work experience in the various aspects of the event and meeting professional's industry.

FA 1080 BASIC METAL SCULPTING (FA) 3 CR.
Enable students to develop & appreciate the human imagination & understanding of personal creativity through metal sculpting using welding techniques and design.

FA 1090 BRIDGING THE ARTS (FA) 3 CR.
Course examines the interconnectedness of art, dance, music and theatre by investigating the artistic elements and common threads within the creative process to develop an informed appreciation for one's own artistic values.

FASH 1010 INTRODUCTION TO FASHION 3 CR.
Introduction to the fashion industry and related career opportunities in the five segments of the fashion industry: textiles, manufacturing, retailing, consulting, and communications.

FASH 1100 METHODS OF PATTERN DESIGN I 3 CR.
Prereq: FASH 1900. Basic pattern making skills are taught with an emphasis on learning to fit properly. Students will draft their own personal basic garment and be provided with the tools needed to hold effective special events. Venues including meetings, conferences, exhibits, fairs, trade shows, international events, weddings, etc. will be addressed.

FASH 1150 PATTERN BY MEASUREMENTS 2 CR.
Prereq: FASH 1900. Students will learn to create patterns for individuals of all shapes and sizes with fewer fittings.

FASH 1210 FASHION ILLUSTRATION I 2 CR.
Students will learn to draw articles of clothing in correct proportion using a guide figure. They will learn to illustrate textures and the use of color to graphically illustrate individual designs.

FASH 1220 FASHION ILLUSTRATION II 2 CR.
Prereq: FASH 1210. Students will develop their own personal style of illustration and broaden their knowledge of professional designers and illustrators and experience public exposure by exhibiting their designs in a showcase or a gallery.

FASH 1300 VISUAL MERCHANDISING 2 CR.
An introduction to the principles and elements of design as it relates to merchant displays. Students will create displays emphasizing line, balance, color and harmony.

FASH 1350 HISTORY OF FASHION 2 CR.
A review of the history of fashion trends. Contemporary fashion and how design is influenced by historical costumes will also be reviewed and applied to in-class projects.
FASH 1370  20TH CENTURY FASHION  2 CR.
Prereq: FASH 1350 recommended. To gain an appreciation for the fashions and fashion icons of the 20th Century and their impact on current fashion trends.

FASH 1400  CORSET MAKING  2 CR.
Prereq: FASH 1305. Students will learn the rare and fine art of fashion corset making. Course will explore the different facets of making a corset, i.e., spiral boning, coutil underlining, tipped lacements, bias binding & hand finishing techniques.

FASH 1450  BRIDAL DESIGN I  2 CR.
Prereq: FASH 1505. This course is designed to help students perfect their construction skills & produce professional quality wedding and evening gowns. Special emphasis is placed on achieving professional look and fit.

FASH 1500  BEGINNING SEWING  3 CR.
Students will learn to operate sewing machines and other sewing equipment. They will learn basic sewing techniques including, seam-finishes, top stitching, darts, pattern selection and layout, hems, and buttons.

FASH 1505  INTERMEDIATE SEWING  3 CR.
Prereq: FASH 1500. Teaches students intermediate-level sewing techniques through a combination of practical exercises and the creation of skill-building samples and finished garments including cuffs, collars, and plackets.

FASH 1510  ADVANCED SEWING  3 CR.
Prereq: FASH 1505. Students will learn to master the necessary construction skills to produce professional quality garments.

FASH 1550  BEGINNING ALTERATIONS  2 CR.
Prereq: FASH 1500 or basic knowledge of sewing and instructor’s approval. Students will learn techniques necessary to alter ready-made garments, preparing them for employment in retail stores and theater costume shops.

FASH 1551  ADVANCED ALTERATIONS AND FIT  2 CR.
Prereq: FASH 1550. Students will learn advanced techniques necessary to alter ready-made garments. Tailoring and other techniques will be introduced.

FASH 1600  SERGER TECHNIQUES  2 CR.
Prereq: FASH 1500. Students will learn the mechanics and methods of Serger sewing machines including uses for decorative stitches and stretch fabrics.

FASH 1610  KNITWEAR DESIGN  3 CR.
Prereq: FASH 1500 or basic knowledge of sewing. Students will learn construction techniques for making knit garments including pattern design, draping, and specialized sewing techniques.

FASH 1650  EMBELLISHMENTS  2 CR.
A study of embellishment techniques for clothing including decorative machine stitching, applique, piping, beading and other fabric embellishments.

FASH 1700  TAILORING  3 CR.
Prereq: FASH 1500. Overview of the techniques that are applied to the construction of suits and coats. Students will learn how to select fabrics for specific garments, alter patterns for proper fit, and construct a tailored jacket.

FASH 1850  FASHION SHOW PRODUCTION  4 CR.
Students will learn the processes and procedures of producing fashion shows. The class will culminate with the production of a fashion show featuring original designs from FASH 2400 students.

FASH 1900  SPECIAL PROJECTS  1 TO 3 CR.
Prereq: Instructor approval. Students will have the opportunity to specialize in areas that are not available in class format. Students, with instructor approval and supervision will work on individual projects.

FASH 2000  FASHION INTERNSHIP  3 CR.
Prereq: Instructor approval. Students will have the opportunity to work as interns in the fashion industry as patternmakers, designers, and fashion merchandisers. They will work under the combined supervision of an on-site supervisor and an SLCC instructor.

FASH 2010  TEXTILES  2 CR.
Students will learn the process of fabric construction. They will analyze fibers, yarns, fabrics, finishes, and the fabric choices in the design of clothing.

FASH 2100  METHODS OF PATTERN DESIGN II  3 CR.
Prereq: FASH 1600. This course is a continuation of FASH 1100. Students will draft their own basic pattern set and use this set as the basis for actual product construction.

FASH 2200  PSYCHOLOGY OF CLOTHING  2 CR.
Review of the social, psychological and economic aspects of fashion from a historical perspective. Students will examine styles and approaches to fashion in contemporary culture.

FASH 2240  FASHION BUYING AND MANAGEMENT  2 CR.
The class will explore all aspects of buying and management as they relate to the fashion industry. The class focus includes pricing, planning assortment, customer service, selling skills and inventory issues.

FASH 2260  FASHION FORECASTING AND MKTG.  2 CR.
Students will learn how to predict trends in fashion by evaluating popular designer collections, researching fashion publications, catalogs and design services, researching sales statistics and studying market conditions.

FASH 2300  DESIGN OUTREACH  3 CR.
Prereq: Instructor approval. Students will design clothing, create patterns, and sew a fashion collection that will be sold in a local retail boutique shop.

FASH 2350  COSTUMING  3 CR.
Prereq: FASH 1300, 1505, 2010. Overview of techniques applied to the construction of costumes for the theater. Students will participate in all aspects of costume preparation, including: alterations, pattern making, fittings, construction, and accessories.

FASH 2400  ADVANCED DESIGN  4 CR.
Prereq: FASH 1210, 1350, 1510, 2010, 2100. Students will design a line of clothing using current color, style, and fabric trends. The collection will be eligible for the student fashion show.

FASH 2450  FASHION DESIGN PORTFOLIO  2 CR.
Prereq: FASH 1210, 2100, 2400. Focus on the process of evaluating portfolios. Students will create a portfolio that can be used for employment interviews or applications for advanced education.

FASH 2500  FASHION ENTREPRENEURSHIP  3 CR.
Prereq: FASH 1010, 1210, 1505, 2010, 2100. Students will explore entrepreneurial opportunities and learn business skills necessary to succeed as small business owners in the apparel and sewn products industry.

FHS 0010  INTRODUCTION TO EARLY CHILD. ED. LAB  0 HRS.
Prereq: Concurrent with FHS 2600. A lab experience in which students complete two hours per week of supervised interaction with children in the Eccles Lab School.

FHS 0011  CHILD GUIDANCE LAB  0 HRS.
Prereq: Concurrent with FHS 2610. A lab experience in which students complete two hours per week of supervised interactions with children in the Eccles Lab School.

FHS 1230  ADOLESCENT GROWTH & DEV.  3 CR.
Studies the growth and development of adolescents. Principles & issues that affect adolescent's daily lives in the home, school and society are discussed.

FHS 1500  HUMAN DEVELOPMENT/LIFESPAN (SS)  3 CR.
Fundamentals of growth and development from preconception to old age and death are explored. The domains of physical, cognitive, and social-emotional growth for each age in the life cycle are explored in a variety of contexts.

FHS 1900  INDIVIDUAL STUDIES IN FHS  1 TO 3 CR.
Prereq: Instructor’s approval. Students plan areas of study, service learning or travel and work with an instructor on an individual basis. The course may involve readings, discussion, research, service learning, intensive writing or other skills deemed appropriate.

FHS 2000  CO-OP EDUCATION IN FHS  1 TO 2 CR.
Prereq: Instructor’s approval. This course is designed to accommodate the needs of students who are working at least 20 hours per week in a professional environment that provides direct care to young children. Credit varies (1-2 hours). Instructor’s permission required.

FHS 2020  SPECIAL STUDIES-CDA COMPLETION  3 CR.
Individuals who have been awarded the CDA Credential will be awarded credit.
FHS 2300 ADMINISTRATION OF E. C. PROGRAMS 2 CR.
This class examines basic management principles in directing a preschool or child care program. Budgeting, personnel, licensing and building issues are examined.

FHS 2400 MARRIAGE AND FAMILY RELATIONS (ID) 3 CR.
Introduction to marriage and the family. Personality, interpersonal relations and society are examined within the context of the family life cycle. Emphasis is placed on the impact of societal and personal choices on the family.

FHS 2450 INTRODUCTION TO HUMAN SEXUALITY (ID) 3 CR.
Integration of biological, behavioral & socio-cultural factors in human sexuality and relationships. Personal & social-sexual issues as they relate to decision-making concerning sexual behavior and sexual health are explored.

FHS 2500 CHILD DEVELOPMENT: BIRTH-EIGHT 3 CR.
Prereq: FHS 1500, FHS 2600 & FHS 2610, concurrent w/FHS 0010. The study of child development, birth to 8 years. Methods of teaching children are examined and practiced. Emphasis placed on developmentally appropriate practices. Includes observation & participation in a supervised lab experience.

FHS 2550 INFANT GROWTH AND DEVELOPMENT 2 CR.
The total development of the infant from birth to 24 months. Emphasis on observation, assessment, developmentally appropriate practices and professional infant care. Research on experimental learning will be reviewed.

FHS 2570 GROWTH & DEVELOPMENT OF CHILDREN 6-12 3 CR.
This class studies the growth & development of children ages 6 to 12 years. Principles & issues that impact the child's daily life in and out of the home are discussed.

FHS 2600 INTRODUCTION TO EARLY CHILDHOOD ED. 3 CR.
Prereq: Concurrent with FHS 0010. An introduction to the field of Early Childhood Education. The basics for shaping curriculum for young children are introduced. Observation and participation in a supervised lab experience (FHS 0010) is a key element of the course.

FHS 2610 CHILD GUIDANCE 3 CR.
Prereq: Concurrent with FHS 0010. This is an introduction to effective strategies for guiding children in individual & large group settings. It includes observations & participation in a supervised lab.

FHS 2620 CREATIVE LEARNING 3 CR.
Prereq: FHS 2500, concurrent w/FHS 0010. Emphasizes planning and implementing creative learning activities with young children. Role of observation and assessment in development of curriculum is emphasized. Includes participation in a supervised lab experience.

FHS 2640 HOME, SCHOOL & COMM. RELATIONS 3 CR.
The relationship between home, school and the community are explored. Emphasis is placed on building effective communication between parents and teachers.

FHS 2645 E.C. INTEGRATED CURRICULUM 3 CR.
Provides students with a practical framework for building effective and meaningful curriculum for young children. Students will study, participate in and practice methods in planning and implementing an integrated early childhood curriculum.

FHS 2800 PRACTICUM TEACHING 5 CR.
Prereq: FHS 2500, FHS 2620, approval, concurrent w/FHS 2820 Supervised classroom practicum experience in the Eccles Lab School. In collaboration with lead teacher, students plan and implement lesson plans and activities for a large group of children. Community placement module included.

FHS 2820 TEACHING SEMINAR 2 CR.
Prereq: FHS 2500, FHS 2620, approval, concurrent w/FHS 2800 Examines child development concepts and how they apply to teaching young children. Focuses on building teaching competencies. Seminar format. Discussion of strengths and challenges associated with practicum teaching experience.

FHS 2900 SPECIAL TOPICS IN FHS 1 TO 3 CR.
An in depth study of a particular topic in early childhood, family or human studies. The course may involve readings, discussion, research, service learning, intensive writing or other skills deemed appropriate.

FIN 1050 PERSONAL FINANCE (ID) 3 CR.

FIN 1210 PRINCIPLES OF BANKING 2 CR.
Evolution of American banking, deposit, credit & payment functions, loans, investments, liquidity, safety & income, bank language, documents, accounting & pricing, regulation & examination, personnel, marketing & security, trust services.

FIN 1380 FINANCIAL MATHEMATICS (OS) 3 CR.
Prereq: MATH 0970 or CPT. This course studies time value of money applications in both business and individual settings. Topics include simple and compound interest, annuities, installment loans, savings programs, and APR, APY, NPV, IRR calculations.

FIN 2000 FINANCE AND CO-OP EDUCATION 1 TO 3 CR.
Prereq: 2.0 GPA with 20 hours/week study-related work. This is supervised work experience in business, industrial, or governmental environment related to the program major. Credit is awarded for completion of specific new learning objectives related to the job and program major.

FIN 2100 INTRODUCTION TO INVESTMENTS 3 CR.

FIN 2150 MUTUAL FUNDS 3 CR.
Prereq: FIN 1050 or approval. Mutual funds, a fast-growing form of financial institution, are explored. Topics include fin. intermediaries, marketing to investors, portfolio management, technology and internationalization. Case studies are used for analysis.

FIN 2200 PERSONAL FINANCIAL PLAN 3 CR.
Prereq: FIN 1050. Real-life case studies, questioning & decision making, basic principles of financial planning, cash budgets, taxes, mgmt. of assets & debts, insurance review (life, health, property & liability), major invest. vehicles, retire. & estate planning.

FIN 2210 PRINCIPLES OF BUSINESS CREDIT 2 CR.
Prereq: ACCT 1110 or ACCT 1220. Business & consumer credit, credit mgmt., developing credit info., fin. systems analysis, decision making, collection practices & procedures, credit reporting agencies, dept. org. & policies, international trade credit, govt. use & regulations.

FIN 2220 FINANCIAL STATEMENT ANALYSIS 2 CR.
Prereq: ACCT 1120 or ACCT 1220, FIN 2210 or concurrent Analysis of companies' financial statements to identify & evaluate credit risk. Analysis leads students to conclusions about firms' financial condition and credit worthiness.

FIN 2240 CREDIT LAW 2 CR.
Prereq: FIN 2210. Legal aspects of credit & collections. Subjects: Credit laws, civil procedure, secured claims & bankruptcy.

FIN 2800 SECURITIES TRADING I 3 CR.
Prereq: FIN 1050 or instructor approval. Analysis, application and practice of trading philosophy, trading planning, trading rules, technical analysis, fundamental analysis, portfolio analysis, in the stock, options, currency and commodities markets.

FIN 2950 EXECUTIVE LECTURES I 1 CR.
Corporate, industry, & government leaders share their experiences in finance, mgmt., & economics. Students benefit from wisdom acquired through practical business experience & learn about events affecting local/national businesses/economies.

FIN 2960 EXECUTIVE LECTURES II 1 CR.
Prereq: FIN 2950 Similar to Executive Lectures I, but usually taken one year later, therefore, some speakers and topics change, as do local and national business & economic conditions.

FIN 2990 SPECIAL STUDIES IN FINANCE 1 TO 3 CR.
Prereq: Instructor's approval. Under the supervision of the instructor, students develop and follow an individualized curriculum.

FLM 1023 INTRODUCTION TO FILM (FA) 4 CR.
Introduces students with no previous film training to historical, technical, and aesthetic developments of film within its cultural context. Film genres examined. Some materials presented are R-rated. Also listed as THEA 1023.
FLM 1045 BEGINNING FILM PRODUCTION 6 CR.
An intensive workshop experience in which students, crewing in their area of specialization, complete the shooting and post-production of projects up to 15 minutes in length. Required of all film majors.

FLM 1055 INTERMEDIATE FILM PRODUCTION 6 CR.
Prereq: FLM 1045. An intensive workshop experience in which students complete pre-production building toward a final project which they will cast, staff, & shoot, producing a 15 to 20 minute short film. Required of all film majors.

FLM 1070 FILM AND CULTURE (FA, DV) 4 CR.
Course intended to raise diversity awareness through aesthetic, critical, and interdisciplinary examination of our American Cultural Identity through film. Presents film as an art form, as an industry, and ultimately a system of cultural representation and communication.

FLM 1075 SCREENWRITING 3 CR.
Prereq: None. Introduces professional screenwriting techniques, with focus on properly formatting screenplays for film, including narrative style projects. The student will be required to develop a script using professional screenplay software.

FLM 1100 ACTING FOR THE CAMERA 1 1 CR.
Acting for the camera focuses on discovering and developing strong acting techniques common to both stage and camera, on the relationship between actors and directors, and on developing basic camera techniques.

FLM 1101 ACTING FOR THE CAMERA LAB 3 CR.
This lab course allows for practice time in both solo and interactive performances for the camera.

FLM 1110 VOICE & SPEECH FOR THE ACTORS 3 CR.
Principles of diction, voice development & improvement, vocal variety and expressiveness. Focus on various aspects of using the voice effectively including volume and projection, rate and phrasing, inflection, and resonance.

FLM 1200 ACTING FOR THE CAMERA 2 1 CR.
Prereq: FLM 1100. Hands-on study of the camera actor's craft. Emphasis on more advanced camera acting theories, auditioning techniques, practice of various camera techniques & the study of methods used by Film/TV actors.

FLM 1201 ACTING FOR THE CAMERA LAB 3 CR.
Prereq: FLM 1101. This lab course allows for practice time in both solo and interactive performances for the camera.

FLM 1515 BASIC AUDIO PRODUCTION 3 CR.
A broad overview of sound, sound systems, recording, and live sound reinforcement providing basic training in the physics of sound and the hardware and systems used to control and record it.

FLM 1800 DIGITAL MEDIA ESSENTIALS 4 CR.
Introduction to software & hardware used to create multimedia productions. Hands-on experience using hardware, software to create 2D/3D graphics, sound, animation, & video. Discussion of the multimedia market, copyright, & ethics in mass media.

FLM 1900 INDEPENDENT STUDIES 1 TO 2 CR.
Prereq: Instructor's approval. Students will plan their areas of study, performance and/or technical work with full-time instructor on an individual basis.

FLM 2015 UNDERSTANDING FILM DIRECTOR/TECH. 4 CR.
Prereq: FLM 1045, FLM 1055. This course presents several workshops reviewing the Filmmaker as a Director of a specific film story; the Creative leader within the production hierarchy and in working with actors on a professional set.

FLM 2030 DOCUMENTARY/INDUST. FILM PRODUCTION 2 CR.
Prereq: FLM 1031 A follow-up workshop experience to FLM 1031. Students will crew in their area of specialization, as well as complete shooting and post-production work on projects. Required of all Film majors.

FLM 2045 COMMERCIAL FILM PRODUCTION 4 CR.
Prereq: FLM 1045, FLM 1055. This course presents professional instruction in digital, industrial, and commercial production techniques for Film and broadcast. Required of all film majors.

FLM 2065 MOTION PICTURE SOUND 4 CR.
Prereq: FLM 1315 Sound as a creative tool for enhanced story telling in film production. Use of proper equipment and techniques for acquisition of production sound, tools techniques and practices of audio post production.

FLM 2200 INTRODUCTION TO FILM CRITICISM 4 CR.
Prereq: THEA 1013, THEA/FLM 1023, or THEA/FLM 1070. Film or theatre majors explore in-depth critical aspects of film including aesthetic and technical developments that have influenced film from its inception to present day. Students will view key films. Some R-rated films presented.

FLM 2510 ADV. VIDEO PROD. DOCUMENTARY 4 CR.
Prereq: COMM 2200 or FLM 1055. Provides advanced video production experiences for students who already have significant video production experience. Students work alone to produce short format documentary films and in groups to produce long format film projects.

FLM 2715 ADV. PHYSICAL PRODUCTION 4 CR.
Prereq: FLM 1045, FLM 1055. This course presents several workshops reviewing high definition cameras, advanced lighting, grip and electric equipment, audio recording and mixing. Students will produce a final 15-20 minute film.

FLM 2750 FILM PROD. TECHN. INTERNSHIP 3 CR.
Prereq: FLM 2810, FLM 2840. Provides students with hands-on experience in actual work environments. Students will learn throughout their fieldwork about television and movie sets, and actual film television, and movie production.

FLM 2800 FILM ACTING FOR DIRECTORS 1 CR.
Prereq: Concurrent with FLM 2801. Course demystifies the actor's craft and develops a range of techniques through scene studies, improvisations, exercises & script analysis. Techniques are invaluable to directors and writers.

FLM 2801 FILM ACTING FOR DIRECTORS LAB 2 CR.
Prereq: THEA 1013, THEA/FLM 1023, or THEA/FLM 1070, Concurrent with FLM 2800. This lab course provides practice time to focus on the principles discussed in FLM 2800.

FLM 2890 SPECIAL TOPICS 3 CR.
Prereq: THEA 1013, THEA/FLM 1023, or THEA/FLM 1070. A course designed for students to explore specific areas of interest in a classroom setting.

FLY 1400 INTRODUCTION TO AIR TRAFFIC CONTROL 3 CR.
This course overviews Air Traffic Control principles, rules, regulations, positions, responsibilities, terms & techniques. Pilots and perspective controllers will gain fundamental insight into the National Airspace System.

FMTA 1110 MAINTENANCE ELECTRICITY I 5 CR.
Prereq: FMTA 1470 or math competence/placement MATH 1010. Basic AC/DC. Electricity course discussing terminology, circuits, testing equipment, troubleshooting, outlets, three way switching, single pole switching, repair/ replacement, splicing wires, working knowledge of code, lighting, and electrical safety rules and procedures in lock-out tag-out. First Aid/ CPR course.

FMTA 1120 MAINTENANCE ELECTRICITY II 5 CR.
Prereq: FMTA 1110. Continued training in industrial motor control principles & electrical magnetic controls, ladder diagramming & relay logic, reduced voltage starting, braking & speed control, symbols, design strategies, NEC codes, instrumentation, distribution & various control systems.

FMTA 1210 MAINTENANCE HVAC 5 CR.
Prereq: FMTA 1120. Includes safety, basic HVAC principles/practices, EPA refrigerant evacuation/reclamation certification, basic refrigeration, basic heating, troubleshooting, tools, and equipment. Course work for RMGA Certification will be presented with testing optional.

FMTA 1220 MAINTENANCE PLUMBING 5 CR.
Prereq: FMTA 1470 or math competence/placement MATH 1010 and FMTA 1210 or Approval of Program Sponsor.

FMTA 1470 MATH FOR THE TRADES (QS) 5 CR.
Customized course in applied mathematics starting with whole numbers, formulas, fractions, decimals, algebra, geometry, and trigonometric functions.

FMTA 2310 MAINTENANCE CONSTRUCTION/MECHANIC 5 CR.
Prereq: FMTA 1470 or math competence/placement MATH 1010 and Program Sponsor approval.

FMTA 2320 MAINTENANCE PIPEFITTING 5 CR.
Prereq: Approval of Program Sponsor.

FMTA 2410 MNTNC. WELDING/TROWEL TRADES 5 CR.
Prereq: FMTA 1470 or math competence/placement MATH 1010 and Program Sponsor approval.
FRN 1010 BEGINNING FRENCH I 5 CR.
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in the French culture. Lab attendance is required.

FRN 1020 BEGINNING FRENCH II (LN) 5 CR.
Prereq: FRN 1010 or instructor's approval. Second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in the French culture. Lab attendance is required.

FRN 1300 BEGINNING CONVERSATION 1 CR.
Prereq: FRN 1010 or instructor's approval. Course provides an in-depth introduction to the major elements of genealogical research including utilization of available sources, the identification of pertinent information, and methods for systematic organization of genealogical records.

GEN 1016 TRACING IMMIGRANT ANCESTRY 3 CR.
Prereq: GEN 1015 or instructor approval. Course will provide an in-depth study of sources and records used to document and verify family history and genealogies in Western Europe and Canada.

GEN 1020 BREAKING THE CODE 3 CR.
Students are taught to unravel the paleographical difficulties associated with older records that could help progress further in their research. Online course.

GEN 1030 GENEALOGY TOOLS FOR COMPUTERS 3 CR.
Introduction to the use of computers in genealogy, including the features and functions of major database programs, auxiliary software, appropriate peripherals.

GEN 1035 INTERNET FOR GENEALOGISTS 3 CR.
Prereq: GEN 1030 or Instructor approval. Students will be introduced to the uses of the internet in genealogy, including access to the various archives and repositories of information available.

GEN 1110 GENEALOGY WRITING & PUBLISHING 3 CR.
Introduction to the processes and materials that shape the earth. It includes mineral identification, map reading, deposition, volcanism, earthquakes, and continental drift.

GEN 1220 HISTORICAL GEOLOGY 3 CR.
Prereq: Concurrent with GEO 1060. This is the study of natural and man-made threats to human life and property. Their causes, preventions, and mitigation are covered.

GEN 1300 REGIONAL GEOGRAPHY (ID) 3 CR.
The study of the cohesive elements that constitute the major cultural regions of the world. Course includes, but is not limited to the introduction and analysis of contemporary cultural, political, economic, and environmental issues.

GEN 1530 USING DNA IN YOUR SEARCH 2 CR.
An introduction to DNA as it relates to genealogy research and how it can be a tool for solving some formerly unsolvable relationship issues. Online course.

GEN 1600 WORKING A GENEALOGICAL PRO 3 CR.
Students will learn about various career options and the specifics of credentialing as a genealogist.

GEN 1710 INTRODUCTION TO GEOLOGY (PS) 3 CR.
Prereq: Concurrent with GEO 1060. This course provides hands-on experience in the lab, the community, and the field with subjects covered in GEO 1060.

GEN 2010 PROFESSIONAL SYMPOSIUM 2 CR.
Will present a forum where students will be introduced to topics of current interest and value in the field of genealogy.

GEN 2320 CONVERSATION 1 CR.
Prereq: GEN 1010 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group work and presentations. Lab attendance may be required. May be repeated for credit.

GEN 2340 CONVERSATION 1 CR.
Prereq: GEN 1010 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group activities and presentations. Lab attendance required. May be repeated for credit.
**COURSE DESCRIPTIONS**

**GEOG 1400** HUMAN GEOGRAPHY (ID) 3 CR.
The thematic study of human activity (population, religion, language, migration, industry) and the global distribution of these activities.

**GEOG 1700** NATURAL DISASTERS (PS) 3 CR.
Course introduces natural disasters and the related energy and processes which cause them. An awareness of the impact on human activity is an integral component, investigating methods of prevention, preparation, and mitigation of damage.

**GEOG 1780** REMOTE SENSING OF EARTH (PS) 3 CR.
Using the geospatial technology of satellite imagery, this hands-on course will investigate land-cover patterns of the physical and social environment spatially and over time using remote sensing applications for analysis along with GIS and GPS.

**GEOG 1800** GEOSPATIAL TECHNOLOGY (ID) 3 CR.
An investigation into how information can be acquired to analyze spatial patterns through the use of discipline related data, aerial photography, satellite imagery, GPS, and a strong emphasis on Geographic Info. Systems (GIS).

**GEOG 1820** APPLIED GIS 3 CR.
Prereq: GEOG/GIS 1800 or instructor approval. Class builds on skills introduced in GEOG/GIS 1800 with emphasis on using original source data. May include use of Tiger files, hot linking, GPS, joining/merging files and other advanced GIS skills.

**GEOG 1850** ENVIRONMENTAL FIELD STUDIES 3 CR.
Prereq: GIS 1800, or concurrent with GIS 1800, or instructor approval. GIS is applied to basic interpretation of the interrelationships inherent among the physical, cultural, and technological footprints of a region. Field study area may be at a local, national, or international scale.

**GEOG 1900** SPECIAL PROJECTS 1 TO 3 CR.
Prereq: Instructor approval. With instructor as facilitator, students develop and pursue an individualized curriculum, using Arc View/GIS procedures.

**GEOG 2000** GEOGRAPHY CO-OP 2 TO 4 CR.
Prereq: Instructor's approval Cooperative education represents flexibility and alternative opportunities for students to complete portions of their educational goals through new learning associated with study related internships/employment.

**GEOG 2100** MAPS AND MEASUREMENT 3 CR.
Course provides basic cartographic skills, scale, grid systems, measurements, contour line/interpolation, aerial photos, remote sensing, surveying essentials, graphing, and other map interpretation skills.

**GEOG 2200** URBAN ENVIRONMENT ISSUES (ID) 3 CR.
Class investigates the effect of encroachment of the urban environment upon the natural environment, and the complexity of interrelationships at local, national, and global levels, to define the individual's role.

**GEOG 2900** INDEPENDENT PROJECTS 1 TO 3 CR.
Prereq: Instructor approval. Course provides an avenue for recertification/endorsements for teachers, or opportunities for students with varying credit needs. Individual topics will be mutually defined by instructor and student. May include Service Learning.

**GEOG 2920** CONTEMPORARY STUDIES 3 CR.
Prereq: GEOG 1900 or Instructor approval. Individual studies with GIS application. Students will design project and present for approval. May have a service learning component. Purpose of class is to give students hands-on experience using GIS.

**GER 1010** BEGINNING GERMAN I 5 CR.
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in the German culture. Lab attendance is required.

**GER 1020** BEGINNING GERMAN II (LN) 5 CR.
Prereq: GER 1010 or instructor's approval. Second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in the German culture. Lab attendance is required.

**GER 1300** BEGINNING CONVERSATION 1 CR.
Prereq: GER 1010 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group work and presentations. Lab attendance may be required. May be repeated for credit.

**GER 1900** SPECIAL STUDIES IN GERMAN 1 TO 2 CR.
Prereq: Instructor's approval In this course in language and culture, students plan areas of study, service learning or travel and work with an instructor on an individual basis. Some work may be done in groups. Lab may be required. May be repeated for credit.

**GER 2010** INTERMEDIATE GERMAN I 4 CR.
Prereq: GER 1020 or instructor's approval. Second-year German courses increase functional language ability focusing on listening, speaking, reading, writing as well as increased focus on culture (philosophies, history, geography, literature, etc.) Lab attendance is required.

**GER 2020** INTERMEDIATE GERMAN II 4 CR.
Prereq: GER 1020 or instructor's approval. Fourth in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

**GER 2200** CONVERSATION 1 CR.
Prereq: GER 1020 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group activities and presentations. Lab attendance required. May be repeated for credit.

**GER 2700** INTRODUCTION TO LITERATURE 3 CR.
Prereq: GER 2010 or GER 2020 Second year courses focus on improvement of listening, speaking, reading, writing and culture skills. Major objective is to increase functional language ability through holistic approach to literature. Lab attendance required.

**GER 2710** INTRODUCTION TO GERMAN FILM 3 CR.
Prereq: GER 1020 or instructor's approval. Course will aid students in their study of language and culture. Films will be viewed with subtitles and written work and discussions will be in German. Lab attendance required.

**GER 2900** SPECIAL TOPICS IN GERMAN 1 TO 3 CR.
This is a course designed by faculty which allows students to explore specific interests in German language and culture. Lab attendance is required. May be repeated for credit.

**HCCA 1110** HEAVY CIVIL CARPENTER 1A 5 CR.
This course is an introductory course in heavy civil carpentry. Students will gain a basic knowledge of construction safety, hand and power tools, blueprint reading, and an introduction to concrete and related materials.

**HCCA 1120** HEAVY CIVIL CARPENTER 1B 5 CR.
Prereq: HCCA 1110. This course will provide students with knowledge and skills concerning the properties of concrete and an introduction to foundations and slab on grade methods, and techniques for reinforcing, handling and placing concrete.

**HCCA 1210** HEAVY CIVIL CARPENTER 2A 5 CR.
Prereq: HCCA 1120. This course provides students with an in-depth understanding of vertical and horizontal forms. An introduction to distance measurement and leveling as well as site layout is also presented.

**HCCA 1220** HEAVY CIVIL CARPENTER 2B 5 CR.
Prereq: HCCA 1210. This course introduces students to angular measurement techniques, welding techniques and practices, below-grade construction processes, and structural bridge building. Project management skills are also presented.

**HIST 1100** WESTERN CIV TO 1300 (SS) 3 CR.
This is a survey of the development of Western Civilization to 1300. Special emphasis is placed on the cultural, economic, social and political contributions of ancient and medieval cultures in the Western civilization.

**HIST 1110** WESTERN CIV SINCE 1300 (SS) 3 CR.
This is a survey of the development of Western Civilization since 1300. Special emphasis is placed on the cultural, economic, social, and political contributions of European culture.

**HIST 1300** COLONIAL LATIN AMERICA (SS) 3 CR.
This is a survey of Latin America from pre-Columbian times to an era of independence. Emphasis is placed on the continuum of Latin American cultures. Covers Latin American History from colonization to independence in the 1820’s focusing on the interaction of Europeans, Africans, Native Americans and the imposition of European institutions and culture on subject populations.
HIST 1310  MODERN LATIN AMERICA (SS)  3 CR.
This course surveys Latin America from the era of independence to the present. Examines the political, social and economic issues and their diverse influence in shaping contemporary Latin America.

HIST 1460  MIDDLE EASTERN CIV (SS)  3 CR.
An introduction to the beginnings of civilization in river valleys of Mesopotamia and Egypt to the end of the 18th century. Emphasizes cultural and religious developments that contributed to modern Western European and Islamic civilizations.

HIST 1460  MODERN MIDDLE EASTERN CIV  3 CR.
Survey of Middle East from late 18th Century to present. Emphasis on interactions between the various religious and ethnic groups in region as they find ways to fit into modern world and respond to the rise of Western powers.

HIST 1500  WORLD HISTORY TO 1500  3 CR.
This is a survey of the development of civilizations in the world to 1500. Special emphasis is placed on the cultural, economic, social and political contributions of each civilization.

HIST 1510  WORLD HISTORY SINCE 1500 (SS)  3 CR.
This is a survey of the development of civilizations in the world since 1500. Special emphasis is placed on the cultural, economic, social and political contributions of World history.

HIST 1700  AMERICAN CIVILIZATION (AI)  3 CR.
Prereq: RDG 0990. This course covers American History from the Pre-Columbian period to the present. It provides a thorough examination of the major social, political, and economic events, issues, and themes of the period. Certain sections taught using service-learning.

HIST 1900  SPECIAL STUDIES IN HISTORY  1 TO 2 CR.
Prereq: Instructor approval. Under the instructor’s supervision, students develop and follow an individualized curriculum. Designed to allow students with special interests in a particular area of history to work with the instructor in creating a course and study plan. Course is research oriented.

HIST 2010  NATIVE AMERICAN HIST/CULT  3 CR.
Prereq: ENGL 1010 recommended, but not required. A survey of Native North Americans from earliest societies to the present. Students will examine all aspects of Native American culture including food production, economics, political systems, kinship, religion, art and other aspects.

HIST 2020  NATIVE AMERICANS & THE ENV'T.  3 CR.
Examines historical and contemporary issues of Native American land use. Explores opposing views with information allowing critical assessment of issues. Folk and scientific resources will be used.

HIST 2030  NATIVE AMERICAN ART HISTORY  3 CR.
An introduction to prehistoric, historic, and contemporary Native American art forms and the underlying philosophical belief systems of the artists. Topics are organized around geographical regions and cultural types.

HIST 2200  AMERICANIZATION (SS,DV)  3 CR.
Course focuses on challenges of diverse groups in their struggle for inclusion in US society. Politics & economics will be examined in the context of power structures that created privilege and how marginalized groups became privileged over time.

HIST 2700  US HISTORY TO 1877 (SS)  3 CR.
Provides a thorough examination of American History from the Pre-Columbian period through Reconstruction, with a focus on the challenges that diverse groups faced as they struggled for an inclusive place in American society.

HIST 2710  US HISTORY SINCE 1877 (SS)  3 CR.
American History is covered from Reconstruction to the present. In addition to thorough treatment of the major events of the period, this course will focus on the challenges that diverse groups faced as they struggled for an inclusive place in American society.

HIST 2800  UTAH'S DIVERSE HERITAGE (SS,DV)  3 CR.
Utah has always been a multicultural, multiethnic & multiracial society. Connects the historical conflict of the dominant & subdominant, the powerful & less powerful, and the privileged & less-privileged from Pre-Columbian times to the present.

HIST 2900  SPECIAL TOPICS IN AMER HISTORY  3 CR.
An in-depth study of a particular topic in American History. It involves readings, discussion, research, and intensive writing.

HLAC 1000  CARDIO FITNESS (LW)  1 CR.
A workout class that emphasizes the correct concepts of a cardio respiratory workout, including target heart rate zones and perceived exertion. Appraisal of student fitness level included. Emphasis is on lifelong wellness.

HLAC 1013  BODY STRENGTH AND TONE (LW)  1 CR.
A group conditioning class that uses a variety of equipment to increase muscular strength and endurance. Students will learn to monitor their workout intensity, and safely use a variety of training methods. Lifelong wellness is emphasized.

HLAC 1015  AEROBICS I/SPINNING (LW)  1 CR.
A rigorous aerobic workout class on stationary bikes. Students learn to monitor their target heart rate and personal training zones for increased cardiovascular endurance and muscular strength. Lifelong fitness is emphasized.

HLAC 1020  AEROBICS I/STEP (LW)  1 CR.
Aerobic conditioning designed to develop cardiovascular endurance, strength, and coordination. Routines include step benches and vigorous exercise, set to music. Course is designed for fun and to encourage lifelong fitness.

HLAC 1025  AEROBICS INTERVAL (LW)  1 CR.
A group aerobic class which may include jogging, bands, interval training, and vigorous exercise, set to music. This course covers proper guidelines to monitor target heart rate, technique and safety. Designed to encourage lifelong fitness.

HLAC 1030  AEROBICS II/KICKBOXING (LW)  1 CR.
A workout class combining techniques of boxing and the martial arts. Heart rate and personal training zones are taught to help students develop cardiovascular endurance and muscular strength. Emphasis is on lifelong wellness.

HLAC 1035  ZUMBA (LW)  1 CR.
An interval class that combines Latin/international rhythms with dance and aerobic moves for a fun cardiovascular workout. This class encourages fitness and wellness.

HLAC 1040  BELLY DANCING BASICS (LW)  1 CR.
This class uses Middle Eastern Dance in a low impact cardio workout to stretch & strengthen muscles, especially core. It can help improve posture & increase concentration while having fun. This class encourages lifetime health/wellness.

HLAC 1046  JOG/WALK (LW)  1 CR.
Student will engage in a personalized jogging and/or walking program. Emphasis is on helping students lose fat, firm up, improve cardiovascular endurance and ease stress. Emphasis is on lifelong wellness.

HLAC 1055  PILATES I (LW)  1 CR.
This is a Pilates mat class that uses breathing, core conditioning and body awareness in a series of dynamic exercises to stretch, strengthen and streamline the body. This course emphasizes lifelong fitness and wellness.

HLAC 1056  PILATES II (LW)  1 CR.
Prereq: HLAC 1055 or previous Pilates experience. Advanced Pilates Mat Class that will utilize equipment and delve deeper into Pilates principles of conditioning. This class will teach principles of form and alignment and emphasize lifelong health and wellness.

HLAC 1057  YOGA I (LW)  1 CR.
An introduction to Hatha Yoga stretching, breathing, and relaxation techniques. It is designed for stress management, meditation, peace of mind and self-awareness. This class emphasizes overall balance and lifelong wellness concepts.

HLAC 1058  YOGA II (LW)  1 CR.
Prereq: HLAC 1057 or instructor permission. A more advanced practice of Hatha Yoga stretching, breathing and relaxation techniques. It is designed for stress management, meditation, peace of mind and self-awareness. Emphasizes balance and lifelong wellness concepts.

HLAC 1062  FLEXIBILITY FOR FITNESS (LW)  1 CR.
A comprehensive strength training program to increase the range of joint mobility, through a regular flexibility exercise program. This course covers safe practice and enjoyable ways to increase muscular flexibility. Emphasis is on lifelong wellness.
COURSE DESCRIPTIONS

HLAC 1073 AEROBIC CIRCUIT (LW) 1 CR.
A cardiovascular workout combined with strength training. It covers the use of resistance equipment while alternating with aerobic intervals. This course is excellent for cross training and muscle toning. Emphasis is on lifelong wellness.

HLAC 1080 STRENGTH TRAINING I (LW) 1 CR.
A basic resistance training course which teaches proper lifting techniques and methods to increase muscular strength and endurance. Free weights and resistance machines will be used. Emphasis is on lifelong fitness.

HLAC 1081 STRENGTH TRAINING II (LW) 1 CR.
Prereq: HLAC 1080 or instructor approval. A more advanced resistance training class that teaches proper lifting techniques and methods to increase muscular strength and endurance. Free weights and resistance machines will be used. Emphasis is on lifelong fitness.

HLAC 1096 FITNESS FOR LIFE (LW) 1 CR.
Wellness and healthy lifestyle concepts are taught with an emphasis on aerobic exercise and physical fitness. Lecture/ Lab format. Students will design and engage in a fitness program. Includes fitness appraisals and behavior change with emphasis on lifelong wellness.

HLAC 1100 TENNIS I (LW) 1 CR.
Covers the basic strokes, shots, safety, rules, etiquette, and strategy of tennis. Course is designed for fun, competition, and to encourage lifelong participation.

HLAC 1101 TENNIS II (LW) 1 CR.
Prereq: HLAC 1100 or instructor approval. Course is for the intermediate player. Students will learn to adjust their tennis strokes according to power, control, height of bounces, speeds and angles. Course is designed for fun, competition, and to encourage lifelong participation.

HLAC 1105 BADMINTON (LW) 1 CR.
Course covers basic concepts of singles and doubles badminton. Includes basic strokes, serves, shots, safety, rules, and strategy. Course is designed for fun and encourages lifelong participation.

HLAC 1110 RACQUETBALL I (LW) 1 CR.
Covers basic fundamentals of racquetball. Includes basic strokes, shots, safety, rules, etiquette, and strategy. Course is designed for fun, competition, and to encourage lifelong participation.

HLAC 1111 RACQUETBALL II (LW) 1 CR.
Prereq: HLAC 1110 or instructor approval. Covers intermediate skills, techniques, and strategies used in singles, doubles, and cutthroat matches. Includes increased levels of proficiency and competition.

HLAC 1130 GOLF I (LW) 1 CR.
Covers the basic fundamentals of golf. Emphasis is on the knowledge and practice of individual skills. Rules and etiquette will be taught. Course is designed for fun to encourage lifelong participation.

HLAC 1131 GOLF II (LW) 1 CR.
Prereq: HLAC 1130 or instructor approval. Course teaches intermediate golf skills, techniques, rules etiquette and strategies. Course is designed for fun, competition, and to encourage lifelong participation.

HLAC 1145 BOWLING I (LW) 1 CR.
Covers the basic skills of bowling including: ball selection, fit, approach and delivery. History, rules, safety, terminology and etiquette will also be covered. Designed for fun and to encourage lifelong participation.

HLAC 1146 BOWLING II (LW) 1 CR.
Prereq: HLAC 1145 or instructor approval. Course continues the study and practice of bowling. Intermediate skills, techniques and strategies will be taught. Course is designed for fun, competition, and to encourage lifelong participation.

HLAC 1200 BASKETBALL I (LW) 1 CR.
This course covers the fundamentals of basketball. Students will increase individual skills and gain an understanding of the regulations that govern this sport. It is designed for fun, competition, and to encourage lifelong participation.

HLAC 1201 BASKETBALL II (LW) 1 CR.
Prereq: HLAC 1200 or Instructor's approval. This course teaches the intermediate skills of basketball, with emphasis on strategy and a more competitive style of play. This course is designed for fun, competition, and to encourage lifelong participation.

HLAC 1210 VOLLEYBALL I (LW) 1 CR.
Covers the basic fundamentals of volleyball. Students will increase individual skills and gain an understanding of the regulations that govern this sport. It is designed for fun, competition, and to encourage lifelong participation.

HLAC 1211 VOLLEYBALL II (LW) 1 CR.
This course covers intermediate skills and team concepts for intermediate players. The class covers 6-person, 3-person and 2-person intense transition drills. It is designed for fun, competition, and to encourage lifelong participation.

HLAC 1212 VOLLEYBALL III (LW) 1 CR.
This course covers skills and team concepts for advanced players, including advanced techniques in offensive and defensive systems and blocking techniques. It is designed for fun, competition, and to encourage lifelong participation.

HLAC 1213 SAND VOLLEYBALL (LW) 1 CR.
This course teaches the principles of sand volleyball including doubles, three, four or six player combinations. Basic volleyball skills will be taught. This class encourages fitness and wellness.

HLAC 1230 SOCCER I (LW) 1 CR.
This course covers basic soccer skills including ball control, heading, passing and shooting. This course teaches rules and strategies with emphasis on team play. It is designed for fun, competition, and to encourage lifelong participation.

HLAC 1232 COMPETITIVE SOCCER (LW) 1 CR.
Prereq: Instructor's approval. This course is designed for the club soccer team at SLCC. Instructor approval is required. The class combines skill development, practice, and competition, and encourages lifelong fitness and wellness.

HLAC 1350 SCUBA I (LW) 1 CR.
Prereq: Must be able to swim. This course covers basic techniques, safety and equipment used in scuba diving in an indoor pool setting. Students will learn about pressure, dive tables, respiration and dive planning. It emphasizes lifelong fitness and wellness concepts.

HLAC 1351 SCUBA II (LW) 1 CR.
Prereq: HLAC 1350, instructor's approval or Open Water course. This course covers underwater search patterns, principles of underwater physics, volume and pressure changes, and limited visibility diving. Specialty equipment, deep diving and photography will be covered. Lifelong wellness is emphasized.

HLAC 1410 TAI CHI CHUAN (LW) 1 CR.
This course covers basic knowledge and practice of Yang style Tai Chi Chuan Peking Form, and Chi Gung exercises, theories, and strategies. This course emphasizes martial arts for fitness rather than as a combative practice.

HLAC 1440 AIKIDO I (LW) 1 CR.
A Japanese martial art incorporating joint-lock & throwing techniques applied in self-defense. Class helps develop strength, flexibility, posture, balance, concentration, awareness, self-observation, and lifelong fitness/wellness.

HLAC 1442 BRAZILIAN CAPOEIRA (LW) 1 CR.
Capoeira is a diverse Brazilian martial art which incorporates self-defense, kicks, ground moves, acrobatics & music. Participants gain strength, flexibility, coordination, and endurance. This course emphasizes lifelong wellness concepts.

HLAC 1445 TAEKWON-DO I (LW) 1 CR.
This course covers the basic techniques, conditioning and self-defense movements of this Korean martial art. It provides opportunities to learn kicking, blocking, punching and self-defense techniques, and emphasizes lifelong wellness.

HLAC 1446 TAEKWON-DO II (LW) 1 CR.
Prereq: HLAC 1445 or instructor approval. Continuation of HLAC 1445 with emphasis on intermediate technique, body conditioning and self-defense. Students will perform intermediate kicks, blocks, patterns and board breaking. Lifelong wellness concepts will be emphasized.

HLAC 1449 KUNG FU/WING CHUN (LW) 1 CR.
Introduction to Wing Chun Kig fu including calisthenics and basic techniques. Will include history, theory, fight strategy, self-defense, sticky hand, grab, and grappling techniques. Emphasis is on lifelong wellness.
HLAC 1540  KUNG FU I/HUNG GAR (LW)  1 CR.
This course covers Hung Gar Kung fu techniques including calisthenics/conditioning (cardiovascular, forearms, and shins). It includes history, theory, fight strategy, self defense, and grappling techniques. Emphasis is on lifelong wellness.

HLAC 1451  KUNG FU II (LW)  1 CR.
Prereq: HLAC 1450 or HLAC 1449 or instructor approval. It continues the study of Hung Gar Kung fu, emphasizing theory, fight strategy, self defense, grab techniques and 1st traditional Hung Gar Kung fu form. Conditioning focus is on cardio, ribs, and outer thighs. Lifelong wellness emphasis.

HLAC 1520  HIKING (LW)  1 CR.
Students will learn the basic skills of hiking, including trip planning, map reading and basic first aid. Hikes include various locations along the Wasatch Front. This course is designed for fun and encourages lifelong participation.

HLAC 1527  ROCK CLIMBING I (LW)  1 CR.
This is a beginning climbing class focusing on indoor Top Rope belaying/climbing skills and techniques. No prior rope climbing experience required. This course is designed for fun, challenge and encourages lifelong participation.

HLAC 1528  ROCK CLIMBING II (LW)  1 CR.
Students learn intermediate static and dynamic movement styles, including belaying, clipping and rope management techniques. Students are taught to safely “lead-climb indoors”. Designed for fun, challenge and lifelong participation.

HLAC 1535  BACKPACKING (LW)  1 CR.
This course is for students to learn the basic skills of backpacking, trip planning, navigation, outdoor cooking & safety & survival skills, and includes two weekend class trips. This course encourages lifelong participation.

HLAC 1540  RELATED OUTDOOR ACTIVITY (LW)  1 CR.
Provides credit for physical activity tied to other courses offered by the college such as community services courses (building homes for the homeless) or anthropology courses involving field schools. Lifelong wellness is encouraged.

HLAC 1550  MOUNTAIN BIKING I (LW)  1 CR.
This course provides instruction in mountain biking techniques, bike maintenance, trip planning and safety. Class meets at various locations along the Wasatch Front. This course is designed for fun and encourages lifelong participation.

HLAC 1551  MOUNTAIN BIKING II (LW)  1 CR.
This class covers advanced mountain biking skills with longer and more technical rides than Mountain Biking I. This course is designed for fun and encourages lifelong participation.

HLAC 1610  SKIING/SNOWBOARDING (LW)  1 CR.
Designed for all level downhill skiers or snowboarders. Skills will be assessed. Covers correct techniques. Classes taught by professionally-trained instructors. Special fee required.

HLAC 1655  SNOWSHOEING (LW)  1 CR.
This is a basic snow shoeing course, taught by professionally trained instructors and accommodates all skill levels. The course is designed for fun and encourages lifelong participation.

HLAC 1715  COUNTRY WESTERN DANCE (LW)  1 CR.
This course teaches popular partner country western dances including: Texas Two-Step, Nightclub Two-Step, East Coast Swing, West Coast Swing and Cha-cha. This course is designed for fun and encourages lifelong participation.

HLAC 1720  SOCIA L DANCE I (LW)  1 CR.
This course introduces social, ballroom and partner dancing. It includes basic steps of Merengue, Waltz, Rumba, Foxtrot, Triple Swing, Cha-cha, and Tango. This course is designed for fun and encourages lifelong participation.

HLAC 1721  SOCIAL DANCE II (LW)  1 CR.
This course covers the more advanced steps of the Waltz, Cha-cha, West Coast Swing, Two Step, Tango and Viennese Waltz. This course is designed for fun and encourages lifelong participation.

HLAC 1725  LATIN SOCIAL DANCE (LW)  1 CR.
This course teaches Latin dances using street style including: Salsa, Cha Cha, Merengue, Cumbia, and Bachata. No previous experience necessary. This course is for fun and encourages lifelong participation.

HLAC 1800  INTERCOLLEGIATE ATHLETICS I (LW)  1 CR.
This is the intercollegiate athletic team class offered in the Fall Semester. Instructor approval is required. The class is designed for practice, competition, and encourages lifelong wellness.

HLAC 1801  INTERCOLLEGIATE ATHLETICS II (LW)  1 CR.
This is the intercollegiate athletic team class offered during Spring Semester. Instructor approval is required. The class is designed for practice, competition, and encourages lifelong fitness.

HLAC 1805  CHEER SQUAD (LW)  1 CR.
This is the intercollegiate cheer squad class. Instructor approval is required. The class is designed for practice, competition, and to encourage lifelong fitness.

HLAC 2110  PRINCIPLES OF WEIGHT TRAINING (LW)  1 CR.
Advanced course designed to provide students with the knowledge and skill in the use of free weights, weight machines and exercise apparatus, with an emphasis in designing resistant training programs to meet a wide range of goals. Course emphasizes lifelong fitness and wellness concepts.

HLAC 2620  PHYSICAL ED IN ELEMENTARY SCHOOL  2 CR.
Designed to teach prospective teachers a comprehensive, health-related physical education program for the elementary school student. The emphasis is on the teacher developing a program designed to improve fitness, skills, enjoyment and encourage maximum participation.

HLTH 1020  FOUNDATIONS OF NUTRITION  3 CR.
Introduces and applies basic nutrition concepts. Fundamentals of human nutrition and its applications to a healthier lifestyle. Evaluation and assessment of nutrition issues which includes preventing nutrition-related diseases.

HLTH 1050  LIFE, SOCIETY AND DRUGS (ID)  3 CR.
A comprehensive study of the personal, social, health, political and economic effects of substance use and abuse in this country. The impact of alcohol and other drugs on the individual, family, and society as a whole, will be covered.

HLTH 1105  HEALTHY BODY IMAGE/WEIGHT MGMT  2 CR.
Promotes positive body image and self esteem. Includes self assessment, evaluation, biological, social and spiritual strategies to assist students in accepting themselves regardless of body size or images.

HLTH 1110  SOCIAL HEALTH & DIVERSITY (ID, DV)  3 CR.
This course offers an analysis and evaluation of social health issues facing the United States today. Disparity in health care caused by social problems such as bias, privilege, discrimination and prejudice will be discussed.

HLTH 1150  KNOW GREATER HEROES I  3 CR.
Students will be coached to master key communication skills, beliefs and physiology of truly successful people and outstanding leaders.

HLTH 1200  FIRST AID AND SAFETY  3 CR.
Course follows American Red Cross Responding to Emergency guidelines and leads to first aid and CPR certification.

HLTH 1240  THEORY/PRACTICE OF MEDITATION  2 CR.
This course is an overview of the use and practice of meditation to reduce stress and increase health and wellness. Different forms and purposes of meditation will be explored and daily meditation practice encouraged.

HLTH 1242  LAUGHTER YOGA (LW)  2 CR.
A mind/body class combining lecture, practice & laughter to lower stress hormones, foster a positive and hopeful attitude & to help people increase health and vitality though unconditionall laughter and yogic breathing.

HLTH 1245  ENVIRONMENTAL YOGA (LW)  2 CR.
Yoga philosophy and principles are used to explore ways to be more environmentally conscious, to appreciate human interconnectedness with the environment and how to live a sustainable, ethical life.

HLTH 1250  STRESS MANAGEMENT  2 CR.
Covers ways to help minimize effects of stress. Includes techniques of prevention, perception and intervention. Also provides relaxation techniques, personality profiles, goal setting, communication, time management and imagery skills.

HLTH 1255  MIND/BODY CONNECTION  3 CR.
Introduction to mind/body potential for alleviating illness and improving health. Covers relaxation tech, guided imagery & other alternative methods. Includes psychoneuroimmunology and support systems with practical application.
**COURSE DESCRIPTIONS**

**HLTH 1250 21ST CENTURY MEDICINE** 3 CR.
Explores trends in medical treatment. Learn about nutrition therapies, environmental detoxification, pharmaceutical treatment, herbology, homeopathy, energy medicine, physical therapy and other practical preventative measures.

**HLTH 1300 DOULA & CHILDBIRTH PREPARATION** 3 CR.
This course covers the pre and post partum period of pregnancy as well as labor and delivery. Students will learn what to expect in pregnancy, childbirth and the postpartum period.

**HLTH 1350 INTRODUCTION TO YOGA TEACHER TRAINING** 3 CR.
Prereq: HLAC 1057 or HLAC 1058 or personal practice. Class will cover the following principles of yoga: asanas, pranayamas, kriyas, chanting, mantra, meditation and other traditional yoga practices with equal time given to analytical training & teaching and practice techniques.

**HLTH 1355 YOGA TEACHER TRAINING II** 2 CR.
Class will cover human physical anatomy, physiology, and energy anatomy and physiology (chakras, nadis, etc.) as applied to the subject and application to yoga practice.

**HLTH 1360 YOGA TEACHER TRAINING III** 3 CR.
Prereq: HLTH 1350 or with HLTH 1350. Class covers the following principles of yoga: asanas, pranayamas, kriyas, chanting, mantra, meditation and other traditional yoga practices with equal time given to analytical training & teaching and practice techniques.

**HLTH 1365 YOGA TEACHER TRAINING IV** 3 CR.
Prereq: HLTH 1350 or with HLTH 1350. Class studies advanced asanas, pranayamas, kriyas chanting, mantra, meditation and other traditional yoga techniques. Teaching methodology and ethics for yoga teachers will be covered.

**HLTH 1370 YOGA TEACHER PRACTICUM** 2 CR.
Prereq: HLTH 1350, HLTH 1355, HLTH 1360, HLTH 1360, HLTH 1365 or instructor approval. This class allows students to complete the required practical teaching requirements for the Yoga Alliance. Practicum teaching of Yoga classes will be done with fellow students during class and in the community as a volunteer.

**HLTH 1400 INTRODUCTION PERSONAL TRNG GRP EX INSTRUC** 2 CR.
Introduction to the professions of personal training and group exercise instruction. Visit health clubs, corporate fitness centers and private training facilities. Information on national certification requirements and costs given.

**HLTH 1405 EVALUATION AND ASSESSMENT OF FITNESS** 3 CR.
Students will learn to use the tools available in assessing and evaluating the physical fitness level of their clients. Students will be introduced to assessment computer software and learn to administer and interpret the results.

**HLTH 1410 AEROBICS INSTRUCTOR TRAINING I** 3 CR.
Prereq: HLTH 1400 or instructor's approval. Students learn dynamics of teaching kickboxing, step, interval and circuit classes that combine cardio and strength workouts. Students learn to design & lead an exercise class using safety, proper technique, cueing & music coordination.

**HLTH 1500 LIFETIME WELLNESS/FITNESS (ID)** 3 CR.
This interdisciplinary course teaches students to become active participants in achieving wellness in the physical, intellectual, emotional, social, spiritual and environmental areas of health in their lives.

**HLTH 2020 NUTRITION FOR THE LIFE CYCLE** 3 CR.
Covers nutrition function needs, sources and alterations during pregnancy, lactation, growth, development, maturation and aging. Includes disease prevention, essential nutrients, metabolism, weight management and specific problems.

**HLTH 2021 NUTRITION FOR FITNESS & SPORTS** 3 CR.

**HLTH 2100 FITNESS MOTIV/BEHAV RESPONSE** 3 CR.
Covers behavior management techniques that will assist fitness trainers in providing programs for people of all ages. Provides students with an understanding of a variety of teaching, learning and communication strategies.

**HLTH 2150 KNOW GREATER HEROES II** 3 CR.
Prereq: HLTH 1150. A continuation of HLTH 1150. Students will continue their mastery of communication skills, mentoring and teaching leaders to train others to be outstanding leaders.

**HLTH 2200 KINESIOLOGY** 3 CR.
Prereq: BIOL 1110. This course will focus on the anatomical, physiological and mechanical principles as they are applied to human movement.

**HLTH 2250 EXERCISE PHYSIOLOGY** 3 CR.
Concerned with the functioning and subsequent adaptation of the human body to stress of physical activity and exercise. This course will explore these adaptations as well as the metabolic process of energy yielding pathways.

**HLTH 2300 EMERGENCY MEDICAL TECHNICIAN** 10 CR.
12 weeks. Must be 18 years old. CPR cert. available. Treatment of medical emergencies, trauma injuries, shock treatment, bleeding, illness, bandaging, splinting, taking vital signs. Utah certifiable.

**HLTH 2400 EXERCISE & DIMENSIONS OF AGING** 3 CR.
Provides an understanding of the aging process and how it affects fitness and overall wellness. Students will assess and evaluate fitness level of aging population and design a training program that meets varying needs and resources.

**HLTH 2410 AEROBICS INSTR. TRAINING II** 3 CR.
Prereq: HLTH 1410 or instructor's approval. Students teach specialty group exercise classes: spinning, multiple step, strength/sculpting, boot camp, and stretch/ flexibility. Students design/lead an exercise class using safety, proper technique, cueing and music coordination.

**HLTH 2420 GROUP EXERCISE INSTRUCTOR INTERNSHIP** 2 CR.
Prereq: HLTH 2410 or instructor's approval. Gives hands-on experience in a supervised setting to observe and teach group exercise classes. Students must meet 60 hours of on-site time to complete the internship. Sites include SLCC, fitness clubs and corporate fitness centers.

**HLTH 2430 DESIGNING TRAINING PROGRAMS** 3 CR.
Prereq: HLTH 1400, HLTH 2200 Provides health screening, needs assessment, fitness capacity, goal setting and effectiveness of training. Includes planning and implementing cardio respiratory, strength, muscular endurance and flexibility programs.

**HLTH 2435 PERSONAL FIT TRAINER INDUSTRY** 3 CR.
Prereq: HLTH 2430 Introduce students to the personal fitness trainer industry. Includes certification, insurance & licensing requirements, professional responsibility, confidentiality, laws and ethics as they relate to the fitness industry.

**HLTH 2450 PERSONAL TRAINER INTERNSHIP** 3 CR.
Prereq: Instructor's approval Under supervision, students will observe and assist in the fitness training of individuals. Students must complete 120 hours of on-site time to finish internship. Sites include SLCC, fitness clubs and corporate fitness centers.

**HSPA 1010 INTRODUCTION TO HOSPITALITY & TRAVEL** 3 CR.
Investigates the travel and hospitality industries, addressing theories, planning and environmental issues. Students will gain a general knowledge of how and why public and private tourism businesses exist.

**HSPA 1050 TRAVEL DESTINATIONS** 3 CR.
Overviews the relevancy of geography to tourism and hospitality. Reinforces the First Law of Geography: physical and human characteristics are unevenly distributed across the face of the earth.

**HSS 1500 THERAPEUTIC RECREATION TECH** 6 CR.
Course introduces students to basic principles of recreation therapy and gives a general overview of the field. Areas related to rules and regulations, assessment, documentation, planning and program implementation will be covered.

**HSS 2100 SUPPORTED EMPLOYMENT TRAINING** 3 CR.
Course provides overview of supported employment best practices including assessment strategies, job/task analysis training strategies, data collection, job development, ADA, Social Security, behavior supports, advocacy, SE funding.

**HSS 2110 SUPPORTED EMPLOYMENT PRACTICUM** 1 CR.
Prereq: Concurrent with HSS 2100 Taken concurrently with HSS 2100, students are provided with experience providing supported employment services to people with disabilities who are working in competitive employment settings.

**HUMA 1100 INTRODUCTION TO HUMANITIES (HU)** 3 CR.
Course thematically investigates the fundamental and perennial questions of humankind and how human beings relate through culture to their political, religious, social, intellectual, economic, and geographic environments.
HUMA 1300  DEV/WEST GIV-ANC TO REN (HU)  3 CR.
This historical survey of major cultural achievements of Western Civilization introduces major figures and events that have stimulated philosophical, artistic and political movements influential in Western value systems.

HUMA 1310  DEV/WEST GIV N/ MODERN (HU)  3 CR.
This is a continued historical survey of Western thought, including the major cultural influences on our own contemporary world.

HUMA 1800  SPECIAL STUDIES IN HUMANITIES  1 TO 3 CR.
This is an individualized studies course in the humanities. Students plan their areas of study and work with the instructor on individual basis. Some work may be done in groups. May be repeated for credit.

HUMA 2000  HUMANITIES CO-OP EDUCATION  2 TO 4 CR.
Prereq: Sophomore standing with minimum GPA 2.0 Supervised work experience in a business, industrial, nonprofit corp. or gov. environment related to the program major. Credit awarded for completion of specific objectives that provide new learning related to the program major.

HUMA 2120  SACRED TRADITIONS (HU)  3 CR.
This course focuses on structural and psychological approaches to the study of sacred narratives, stories derived from oral traditions, and cultural events that invite symbolic analysis.

HUMA 2130  PHILOSOPHY IN LITERATURE (ID)  3 CR.
Presents masterpieces of world literature as a narrative means of philosophical problems. Philosophical and literary methodologies are used for analysis of the literary texts.

HUMA 2220  PACIFIC AMER. STUDIES (HU, DV)  3 CR.
This course explores Pacific Islander American Experience including their historical, literary, cultural patterns and contemporary experiences within the context of a theoretical framework of race and ethnic studies.

HUMA 2300  WORLD RELIGIONS (HU)  3 CR.
A survey of the world's religions, their cosmologies and methods for living. Takes a historical perspective including mythology, philosophy, rituals, & doctrines of the belief systems, emphasizes the relationship religion has with culture.

HUMA 2310  GREAT BOOKS I (HU)  3 CR.
Examines the unique legacy left to us by ancient and medieval cultures from around the world through intensive reading and discussion of primary sources in literature, philosophy, political theory, religion, and history.

HUMA 2320  GREAT BOOKS II (HU)  3 CR.
Examines the unique legacy left to us by early-modern and modern cultures through intensive reading and discussion of primary sources in literature, philosophy, political theory, religion, and history.

HUMA 2400  RELIGIOUS DIVERSITY-US (HU, DV)  3 CR.
Examines what it means to be religious in America: the conflict, interaction and influence of US culture & diverse religious minorities. Explores ideas of privilege, stereotypes, discrimination & the challenge of integration & accommodation.

HUMA 2600  DECADE OF THE '60S (HU)  3 CR.
Course examines significant political, social, cultural elements of the 1960's: the Vietnam conflict, artistic expression, social movements, including a great awakening of rights consciousness, and considers their human impact and legacy.

HVAC 1110  HVAC I  5 CR.
Prereq: HVAC 1470 or equivalent. Materials and devices with focus on COP, First Aid, Safety, Hand Tools, Accessories, Basic Electricity, Character Education/ Customer Service, and Basic Gas Properties/Gas Appliance Installation.

HVAC 1120  HVAC IIB  5 CR.
Prereq: HVAC 1110 Basic refrigeration cycle and physic principles. Cut, solder, and braze copper tubing, demonstrate safe use of manifold gauges, vacuum pumps, recovery machines. EPA/CFC certificate preparation.

HVAC 1210  HVAC IIA  5 CR.
Installation principles, determine heat and cooling loads, calculate and design ducts, identify filtration methods, and install residential systems. Rocky Mountain Gas Association (RMA) installation test.

HVAC 1220  HVAC IIB  5 CR.
Prereq: HVAC 1210 Reading and interpreting of HVAC system blueprints to design and install HVAC layout, fabricate and install common sheet metal duct fittings.

HVAC 1470  MATH BASICS FOR HVAC (Q)  5 CR.
This is a customized course in applied mathematics for the trades including algebraic and trigonometric functions.

HVAC 2000  HEAT, VENT, AIR SPECIALTIES  5 CR.
This course is designed to meet the needs of a student requesting co-op credit for on-the-job training hours. Credit hours may vary for this course.

HVAC 2310  HVAC IIIA  5 CR.

HVAC 2320  HVAC IIIB  5 CR.
Prereq: HVAC 2310 Operation of the compression refrigeration and heat pump cycles, and troubleshoot systems. RMA Service Certification test, the NATE Core Service and one Specialty test.

HVAC 2410  HVAC IV A  5 CR.
Prereq: HVAC 2320 Fan types, measure air flow, volume & velocity using various instruments. Principles of hydronics, steam heat and heat distribution units as well as basic principles of oil furnace heat systems.

HVAC 2420  HVAC IV B  5 CR.
Prereq: HVAC 2410 Electronic components and control systems in electromechanical, pneumatic, electronic and DDC. Principles of psychometrics, humidification, desiccant cooling and dehumidification. Prereq: HVAC 2410

INSR 2021  INTRODUCTION TO INSURANCE PRINCIPLES  2 CR.
Prereq: Intermediate Math Skills. Overview of the insurance business, understanding basic principles of property & liability insurance & regulations. Survey of major areas of insurance operations: measuring financial performance, marketing, underwriting, claims, etc.

INSR 2022  PERSONAL INSURANCE  3 CR.
Course will examine life, automobile, homeowner, personal property and liability, health and disability insurances. Course will also cover current trends in insurance, society, personal loss exposures and personal financial planning.

INSR 2023  COMMERCIAL INSURANCE  3 CR.
Prereq: INSR 2021. Course will cover types of commercial insurance including: property, general liability, business income, inland/ocean marine, auto, crime, machinery, compensation, workers comp, employer liability and other various types of coverage.

INST 2120  INTRODUCTION TO INSTRUMENTATION  1 CR.
Prereq: EIT 1130, EIT 1140, EIT 1220. Course will allow students to become familiar with numerous instrument systems and process variables that are measured and controlled in industry. The developing and applying of standard instrumentation & control drawings are emphasized.

INST 2160  CONTROL SYSTEM DOCUMENTATION  1 CR.
Prereq: INST 2120 Topics include: symbols and identification associated with instruments, different types of instrumentation drawings, such as P&ID, loop diagrams, location plans, installation drawings, specification forms.

INST 2200  ANALYTICAL INSTRUMENTS/SAFETY  2 CR.
Prereq: INST 2120. Course includes principles of analytical measurement and control, such as: conductivity, pH, density, humidity and gas analysis. Safety practices and systems are taught.

INST 2210  PRESSURE LEVEL & MEASUREMENT  4 CR.
Prereq: INST 2120 Principles of pressure and level measurement and control are taught. Pressure gauges, conventional and Smart transmitters, ultrasonic instruments, manometers, their calibration, installation, and repair are covered.

INST 2220  TEMPERATURE MEASUREMENT  2 CR.
Prereq: Concurrent with INST 2120 Topics include: principles of temperature measurement and control in industrial processes, conventional and Smart temperature transmitters, calibration, installation, and repair temperature measuring instruments.

INST 2230  TRANSMISSION/AUTOMATIC CONTROL  4 CR.
Prereq: INST 2120, INST 2240. Course includes information about different methods of signal transmission and communication. It also provides students with a grasp of feedback control behavior with all its nuances & covers different methods of controller tuning.
COURSE DESCRIPTIONS

INST 2240  FINAL CONTROL ELEMENTS  2 CR.
Prereq: INST 2120 Topics include: different control valves and their accessories, actuators, positioners, including Smart, valves sizing, selection and application, calibration, installation, and repair final control elements.

INST 2280  FLOW MEASUREMENT  2 CR.
Prereq: INST 2120 Students will learn primary and secondary flow measuring devices, including orifice plate, Venturi tube, magnetic and ultrasonic flow meter. Selection, calibration, installation, and repair flow meters are taught.

INST 2270  INSTRUMENT CALIBRATION  2 CR.
Prereq: INST 2280, INST 2210, INST 2220, INST 2240 Topics include: concepts of error, accuracy, uncertainty, and their calculation, documented procedures for process instruments calibration, different calibrators and their use.

INST 2280  TEMPERATURE/FLOW MEASUREMENT  4 CR.
Prereq: INST 2120. Students will learn principles of temperature and flow measurement and control in industrial processes. Selection, calibration & installation temperature sensors, transmitters and flow meters are taught.

INST 2290  INSTRUMENTATION APPLICATIONS  1 CR.
Prereq: INST 2350. Topics include general techniques such as split range control valves, selectors, limits, and advanced control strategies. Common pressure, level, temperature, flow applications and analytical controls are emphasized.

INST 2320  DISTRIBUTED CONTROL SYSTEMS  4 CR.
Prereq: INST 2330. This is a practical course using actual components of a DCS. Operation, troubleshooting and configuration, graphic design and actual operation of a DCS.

INST 2350  PROGRM. LOGIC CONTROLLERS (PLC)  4 CR.
Prereq: EIT 1240. This course is a continuation of EIT 1240. Rockwell RSLogix 500 programming software will be introduced. Allen-Bradley SLC-500 PLCs will be taught. Basic systems both hardware and software will be introduced.

INST 2360  ADVANCED PLC  3 CR.
Prereq: INST 2350. Will give student a more in-depth knowledge of PLCs. Students will use AB SLC500, Micrologix 1000 & CompactLogix PLCs and Logix 5000 & 5000 software. Course will introduce Rockwell RSView HMI applications and PLC communications.

INST 2370  CONTROL SYSTEM TROUBLESHOOTING  2 CR.

INST 2410  CERTIFIED CONTROL SYSTEM TECH PREP, LEVEL I, II, III  3 CR.
Prereq: Pretest. This course is a review of instrumentation concepts in preparation for taking the certification test of the ISA Certified Control System Technician program. It includes subjects relating to process control and instrumentation.

INST 2990  STUDIES IN INSTRUMENTATION  1 TO 3 CR.
Special Studies allow student to pursue unique interests not offered elsewhere within the program of study. Credit hours, subject, and course of study are determined and filed with the department after consulting with the instructor.

INTD 1010  INTRODUCTION TO INTERIOR DESIGN  3 CR.
A broad overview of the principles of interior design, furniture selection, accessories, lighting, fabrics and architectural finishes.

INTD 1200  THEORY & PSYCHOLOGY OF COLOR  3 CR.
A review of the theories of color and applications as it relates to the psychological impact of color in residential and commercial settings.

INTD 1220  INTERIOR DESIGN DRAFTING  3 CR.
An introduction to the basic principles and techniques of hand drafting and rendering for planning interior environments in residential and commercial design.

INTD 1230  HISTORIC FURNISHINGS  3 CR.
An introduction to the basic principles and techniques of hand drafting and rendering for planning interior environments in residential and commercial design.

INTD 1310  PROFESSIONAL PRACTICE  4 CR.
Prereq: INTD 1010, 1200, 1220, and 1340. Overview of basic business principles related to interior design. Topics include: ethics, fees, documentation, terminology and job coaching.

INTD 1320  PERSPECTIVE AND RENDERING  3 CR.
Overview of techniques and media used by Interior Designers for perspective drawings and renderings.

INTD 1330  CONTEMPORARY FURNISHINGS  3 CR.
Survey of contemporary furnishings from the end of the Victorian period to the present.

INTD 1340  MATERIAL & COMPONENTS/DESIGN  3 CR.
Prereq: INTD 1010. A survey of the properties and production of materials employed in interiors, such as textiles, wood, metals, ceramic, and other elements.

INTD 1355  KITCHEN & BATH DESIGN  3 CR.
Prereq: INTD 1010. Overview of basic kitchen and bath design layout. This course will require students to focus on individual projects and field work.

INTD 1360  LIGHTING  3 CR.
Prereq: INTD 1010. Overview of light fundamentals and lighting systems. Students will learn to calculate lighting levels, solve interior design lighting problems and communicate specification to clients and other professionals.

INTD 1370  COMMERCIAL SPACE PLANNING  3 CR.
Prereq: INTD 1010. Overview of the principles of commercial interior design. This course will require students to focus on individual projects and field work.

INTD 1400  QUICK SKETCH  2 CR.
Prereq: INTD 1220, INTD 1320. Students will learn the drawing skills and techniques necessary to produce competent and professional sketches in a short period of time.

INTD 1450  INTERIOR DESIGN AUTOCAD I  4 CR.
Prereq: INTD 1220. Survey of basic AutoCAD applications for Interior Design. Students will learn how to create floor plans using AutoCAD.

INTD 1460  INTERIOR DESIGN AUTOCAD II  4 CR.
Prereq: INTD 1450. Students will learn to use advanced computer-aided design tools and drafting techniques.

INTD 1500  CONSTRUCTION PRINCIPLES  3 CR.
Prereq: INTD 1010, 1200, 1220, 1340. Students will be introduced to the basics of construction management and the common practices of residential and commercial construction. The role of interior designers in the construction process will also be taught.

INTD 1550  PORTFOLIO PREPARATION  3 CR.
Prereq: INTD 1100, 1230, 1310, 1320, 1330, 1340, 1450, and 1500. Capstone course to develop a presentation portfolio utilizing printed and multimedia applications.

INTD 2000  INTERNSHIP  3 CR.
Prereq: INTD 1340 and Instructor’s approval. To experience and gain a first-hand working knowledge of various aspects of the interior design field.

INTL 2040  IMMIGRANT EXP LIT/FILM (HU,DV)  3 CR.
A study of human issues linked to immigration through literature and film: cultural identity, prejudice, racism, multiculturalism. The US experience will be framed in the perspective of human migration and globalization.

INTL 2060  INTL LIT AND CULTURE (HU, DV)  3 CR.
Comparison of literature of ethnic groups of the US with that of the native country in order to explore issues of US discrimination, acculturation, identity, & bigotry as well as appreciating the benefits brought by that provenance.

INTL 2240  LATIN AMERICAN STUDIES (HU)  3 CR.
Explores the Latin American Experience based on literature, film, geography, histories, politics, religion, cultural patterns & contemporary experiences to increase intercultural competence & understanding of modern Latin culture.

INTL 2890  TRAVEL STUDY (ID)  3 CR.
Prereq: Varies by semester and trip taken. This course includes travel experiences to increase intercultural competence & understanding of history, culture, & customs. Focus on individual projects and field work.

INTL 2990  STUDY ABROAD (ID)  3 CR.
Prereq: Varies by semester and trip taken. The student attends lectures/workshops at an institution in a different country and studies in conjunction with faculty of SLCC in residence. Credit awarded for successful completion of specified learning objectives.
COURSE DESCRIPTIONS

ISA 1110  IRONWORKERS 1A  5 CR.
This course includes OSHA Outreach Training, MSILA New Miner Training, and specialized training for Steel Erection.

ISA 1120  IRONWORKERS 1B  5 CR.
This course covers the fundamentals of placing reinforcing steel and Post Tensioning cables in concrete. Upon completion, students will be able to take PTI certification exam.

ISA 1210  IRONWORKERS IIA  5 CR.
This course covers blueprint reading and the fundamentals of construction and steel erection drawings.

ISA 1220  IRONWORKERS IIB  5 CR.
This course covers the fundamentals of planning, job layout, and steel erection.

ISA 2310  IRONWORKERS IIIA  5 CR.
This course examines the basic fundamentals of welding.

ISA 2320  IRONWORKERS IIIB  5 CR.
This course is a continuation of the basic fundamentals of welding.

ITL 1010  BEGINNING ITALIAN I  5 CR.
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in the Italian culture. Lab attendance is required.

ITL 1020  BEGINNING ITALIAN II (LN)  5 CR.
Prereq: ITL 1010 or instructor's approval. Second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

ITL 1300  BEGINNING CONVERSATION  1 CR.
Prereq: ITL 1010 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group work and presentations. Lab attendance may be required. May be repeated for credit.

ITL 1900  SPECIAL STUDIES IN ITALIAN  1 TO 2 CR.
Prereq: Instructor's approval. In this course in language and culture, students plan areas of study, service learning or travel and work with an instructor on an individual basis. Some work may be done in groups. Lab attendance may be required. May be repeated for credit.

ITL 2010  INTERMEDIATE ITALIAN I  4 CR.
Prereq: ITL 1020 or instructor's approval. Second-year Italian courses increase functional language ability focusing on listening, speaking, reading, writing as well as increased focus on culture (philosophies, history, geography, literature, etc.). Lab attendance is required.

ITL 2020  INTERMEDIATE ITALIAN II  4 CR.
Prereq: ITL 1020 or instructor's approval. Fourth in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

ITL 2300  CONVERSATION  1 CR.
Prereq: ITL 1020 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group activities and presentations. Lab attendance required. May be repeated for credit.

ITL 2700  INTRODUCTION TO LITERATURE  3 CR.
Prereq: ITL 2010 or ITL 2020 Second year courses focus on improvement of listening, speaking, reading, writing and culture skills. Major objective is to increase functional language ability through holistic approach to literature. Lab attendance required.

ITL 2710  INTRODUCTION TO ITALIAN FILM  3 CR.
Prereq: ITL 2020 or instructor's approval. Course will aid students in their study of language and culture. Films will be viewed with subtitles and written work and discussions will be in Italian. Lab attendance required.

ITL 2900  SPECIAL TOPICS IN ITALIAN  1 TO 3 CR.
This is a course designed by faculty which allows students to explore specific interests in Italian language and culture. Lab attendance required. May be repeated for credit.

JPN 1010  BEGINNING JAPANESE I  5 CR.
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in the Japanese culture. Lab attendance is required.

JPN 1020  BEGINNING JAPANESE II (LN)  5 CR.
Prereq: JPN 1010 or instructor's approval. Second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

JPN 1300  BEGINNING CONVERSATION  1 CR.
Prereq: JPN 1010 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group work and presentations. Lab attendance may be required. May be repeated for credit.

JPN 1900  SPECIAL STUDIES IN JAPANESE  1 TO 2 CR.
Prereq: Instructor's approval. In this course in language and culture, students plan areas of study, service learning or travel and work with an instructor on an individual basis. Some work may be done in groups. Lab attendance may be required. May be repeated for credit.

JPN 2100  INTERMEDIATE JAPANESE I  4 CR.
Prereq: JPN 1020 or instructor's approval. Second-year Japanese courses increase functional language ability focusing on listening, speaking, reading, writing as well as increased focus on culture (philosophies, history, geography, literature, etc.). Lab attendance is required.

JPN 2200  INTERMEDIATE JAPANESE II  4 CR.
Prereq: JPN 1020 or instructor's approval. Fourth in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

JPN 2300  CONVERSATION  1 CR.
Prereq: JPN 1020 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group activities and presentations. Lab attendance required. May be repeated for credit.

JPN 2700  INTRODUCTION TO LITERATURE  3 CR.
Prereq: JPN 1020 or instructor's approval. Second year courses focus on improvement of listening, speaking, reading, writing and culture skills. Major objective is to increase functional language ability through holistic approach to literature. Lab attendance required.

JPN 2710  INTRODUCTION TO JAPANESE FILM  3 CR.
Prereq: JPN 1020 or instructor's approval. Course will aid students in their study of language and culture. Films will be viewed with subtitles and written work and discussions will be in Japanese. Lab attendance required.

JPN 2900  SPECIAL TOPICS IN JAPANESE  1 TO 3 CR.
This is a course designed by faculty which allows students to explore specific interests in Japanese language and culture. Lab attendance is required. May be repeated for credit.

JRN 1900  SPECIAL STUDIES IN JOURNALISM  1 TO 2 CR.
Students will work on special studies and projects in the area of journalism. Students plan areas of study and work with an instructor on an individual basis. Prereq: Department approval

JRN 2000  JOURNALISM CO-OP/INTERNSHIP  2 TO 4 CR.
Supervised work experience in a journalism environment related to the student's communication program sequence. Credit awarded for successful completion of specific learning related to the job and to the program sequence. Prereq: Department approval

KABM 0115  BASIC MATH SKILLS  10 TO 100 HRS.
Prereq: TABE test, placement test in class, concurrent with KALL 0100. Student improves skills in basic operations, problem solving, analysis and computations using whole numbers, fractions, decimals, percents, measurement and formulas, equations, ratio and proportion, and GED prep.

KABR 0115  BASIC READING SKILLS  10 TO 100 HRS.
Prereq: TABE test given during admission process. Concurrent with KALL 0100. Student tests in classroom for proper placement in curriculum, gains comprehension and vocabulary skills, uses computer aids, studies grammar, spelling, and writing as it relates to these nine levels of reading.

KACC 0100  SAFETY FUNDAMENTALS  20 HRS.
Prereq: School of App Tech assessment as defined. Students prepare for the OSHA 10 hr. safety certificate and practice safety rules that apply to HVAC Industry.
COURSE DESCRIPTIONS

KACC 0105 GREEN ENERGY SYSTEMS 40 HRS.
Prereq: School of App Tech assessment as defined. Also requires completion of the following previous courses from this HVAC program: KACC 0100 Safety Fundamentals. Provides an awareness of the need for conservation and energy management and self-sufficiency in energy needs related to HVAC service. Students learn principles of solar, wind, and alternative energy resources.

KACC 0200 FUNDAMENTALS OF ELECTRICITY 180 HRS.
Prereq: School of App Tech assessment, KACC 0100, KACC 0105. Electrical theory and applications in HVAC service. Students learn principles of electricity as applied to HVAC. Students may earn related 'Employment Ready' certificates.

KACC 0220 ELECTRICAL APPLICATIONS 140 HRS.
Prereq: School of App Tech assess, KACC 0100, KACC 0105, KACC 0200. Students apply the fundamentals of electricity in specific HVAC applications. Heat pumps, electrical heating equip, variable frequency drives, electrical and DDC controls are emphasized. Students may earn 'Employment Ready' certificates.

KACC 0230 HVAC FUNDAMENTALS 20 HRS.
Prereq: School of App Tech assess, KACC 0100, KACC 0105, and KACC 0200, KACC 0220. HVAC theory and applications are introduced. Students learn fundamentals of heat transfer and the basic principles of refrigeration.

KACC 0240 APPLIED COMBUSTION HEATING 80 HRS.
Prereq: School of App Tech assess, KACC 0100, KACC 0105, KACC 0200, KACC 0220, KACC 0230. Theory and applications of combustion heating systems are introduced. Students learn principles of natural gas and oil heating systems and associated mechanical codes and safety, includes COSA carbon monoxide protection and RMGA exams.

KACC 0250 APPLIED REFRIGERATION THEORY 70 HRS.
Prereq: School of App Tech assess, KACC 0100, KACC 0105, KACC 0215, KACC 0220, KACC 0230. Application of refrigeration theory and basic refrigeration systems are introduced. Students learn properties of refrigerants, and characteristics of different types of refrigeration systems, includes preparation for certifications.

KACC 0260 AUTOMOTIVE A/C SERVICE 10 HRS.

KACC 0290 EMPLOYMENT WORKSHOP 0 TO 10 HRS.
Students learn job-seeking skills, resume writing, and interviewing skills necessary for job placement.

KACC 0300 RESIDENTIAL HVAC SYSTEMS 160 HRS.
Prereq: School of App Tech assess, KACC 0100, KACC 0105, KACC 0200, KACC 0220, KACC 0230, KACC 0240, KACC 0250, KACC 0300. Application of heating and refrigeration practices as they apply to residential heating and air conditioning systems. Emphasis is on energy efficiency in home HVAC systems. Students prepare for all applicable certifications.

KACC 0400 LIGHT COMMERCIAL HVAC SYSTEMS 80 HRS.
Prereq: School of App Tech assess, KACC 0100, KACC 0105, KACC 0200, KACC 0220, KACC 0230, KACC 0240, KACC 0250, KACC 0300. Application of heating and refrigeration practices for light commercial heating and air conditioning systems. Emphasis is on energy efficiency in the installation, operation, and service of basic commercial systems.

KACC 0420 COMMERCIAL HVAC SYSTEMS 80 HRS.
Prereq: School of App Tech assess, KACC 0100, KACC 0105, KACC 0200, KACC 0220, KACC 0230, KACC 0240, KACC 0250, KACC 0300. Introduction to the basic heating and refrigeration fundamentals of larger commercial HVAC systems. Emphasis is on compliance to federal Indoor Air Quality (IAQ) requirements and IEEE energy efficiency standards for commercial facilities.

KACC 0440 COMMERCIAL HEAT/REFRIGERATION 80 HRS.
Prereq: School of App Tech assess, KACC 0100, KACC 0105, KACC 0200, KACC 0220, KACC 0230, KACC 0240, KACC 0250, KACC 0300. Introduction to commercial heating and refrigeration applications other than commercial HVAC systems. Focus is on safe and efficient commercial food handling and storage and other miscellaneous applications.

KACC 0500 CAPSTONE PROJECT 80 HRS.
Prereq: School of App Tech assess, KACC 0100, KACC 0105, KACC 0200, KACC 0220, KACC 0230, KACC 0240, KACC 0250, KACC 0300 and completion of two of the following courses: KACC 0240, KACC 0250, KACC 0340. The student develops a personal choice project that applies the skills learned throughout the program. Students design the project focusing on energy efficiency with instructor input.

KACC 0110 BEGINNING KEYBOARDING 12 HRS.
This course teaches the efficient operation of the keyboard, including the touch method of operation (not looking at the keyboard), correct techniques, and correct fingerings.

KACC 0130 TEN-KEY 40 HRS.
Students learn basic ten-key calculator concepts and applications using the touch method, with emphasis on attaining speed, accuracy, and skills necessary to qualify for an entry-level job.

KACC 0140 COMPUTER CONCEPTS/WINDOWS 45 HRS.
Students learn basic Windows skills: working with WordPad and Paint programs, managing files using My Computer/Windows Explorer, customizing the Windows environment, and using various search engines to become familiar with the Internet.

KACC 0150 CUSTOMER SERVICE/LIFE SKILLS 60 HRS.
The class covers professionalism as it pertains to attitude, ethics, communication skills, grammar skills, conflict management/resolution, problem-solving skills, proper telephone etiquette, and data entry from verbal information.

KACC 0160 KEYBOARD SKILL BUILDING 113 HRS.
This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KACC 0170 WORD PROCESSING (MS WORD CORE) 35 HRS.
Students learn basic word-processing skills, such as creating, opening, closing, editing, saving, and managing files, line and page formatting, using the spellers and thesaurus, also formatting letters, memos, and tables.

KACC 0180 BUSINESS COMMUNICATIONS 60 HRS.
Students learn principles of English grammar, spelling, paragraph, essay, letter, and memo writing, proofreading, and dictionary and reference manual usage.

KACC 0190 PRESENTATIONS (POWERPOINT CORE) 30 HRS.
Students learn and demonstrate MS PowerPoint presentation software including creating, modifying, enhancing, and formatting slides and using embedding techniques.

KACC 0200 SPREADSHEETS (EXCEL CORE) 35 HRS.
Hand-on simulations assist students in acquiring basic skills, which include building, editing, and formatting worksheets and charts, and working with formulas and functions.

KACC 0210 SPREADSHEETS (MS EXCEL EXPERT) 35 HRS.
Hands-on simulations assist students in acquiring basic skills, which include building, editing, and formatting worksheets and charts, and working with formulas and functions.

KACC 0220 ACCOUNTING (MOD 1 & 2) 120 HRS.
This course presents the complete accounting cycle, which includes analyzing transactions, journalizing, posting, petty cash, financial statements, and adjusting and closing entries.

KACC 0230 ACCOUNTING OFFICE PROCEDURES 15 HRS.
Students learn filling, time-management techniques, oral and written communication skills, telecommunications information, team skills, reprographic resources, and office mechanics, using PowerPoint office software.

KACC 0240 COMPUTER-ASSISTED ACCOUNTING 35 HRS.
Using a hands-on approach, students learn computerized accounting. Realistic accounting transactions are entered for various business applications, and financial statements and other management information reports are generated.

KACC 0250 QUICK BOOKS 65 HRS.
Students will learn to use the QuickBooks software at an entry level. Practical examples and exercises will show how to utilize functions that will allow you to record regular and special transactions and produce reports.
While focusing on ASE/NATEF standards, the second course in the series focuses on steering and suspension components. Conforms to ASE/NATEF standards. Keeping accurate financial records is a vital part of every office. This course focuses on the basic skills, knowledge and procedures needed by entry-level office employees.

KACT 0320 FINANCIAL RECORDS 90 HRS.  

While focusing on ASE/NATEF standards, the second course focuses on steering and suspension components. Conforms to ASE/NATEF standards.

KACT 0330 ACCOUNTING I 60 HRS.  

Learn the fundamentals of a double-entry accounting system through hands-on experience working through the accounting cycle of a service business from source documents to financial statements.

KACT 0340 ACCOUNTING II 60 HRS.  

Learn to maintain payroll records and the additional accounting records for a merchandising business. Learn how to prepare financial statements as well as prepare and maintain payroll records.

KALL 0110 INTEGRATED LEARNING LAB 10 TO 100 HRS.  

Students receive supplementary computer-assisted instruction in math, reading comprehension, vocabulary, spelling, grammar, and GED subjects.

KATO 0010 INTRODUCTION AND SAFETY 30 HRS.  

An introduction to the automotive shops. Emphasis is on shop safety and HazMat handling and disposal.

KATO 0020 MATH FOR AUTOMOTIVE TECHS 60 HRS.  

An introduction to basic math used in automotive technology, includes operations with whole numbers, fractions, decimals, averages and percentages.

KATO 0031 STEERING AND SUSPENSION I 40 HRS.  

In the first of three courses, students learn diagnosis and repair of automotive suspension and steering systems. Instruction focuses on diagnosing and replacement of suspension components.

KATO 0041 BRAKE SYSTEMS I 50 HRS.  

In the first of three courses, students learn to diagnose and repair automotive brake systems. Emphasis is placed on the function, diagnosis and repair of the hydraulic brake system.

KATO 0111 PRACTICAL SHOP APPLICATIONS 80 HRS.  

Learn the proper use and identification of hand and power tools, safe and proper lifting of vehicles, use of taps/dies torque wrenches and precision instruments, automotive manuals, and estimating customer vehicle repairs.

KATO 0141 TECHNICAL ESSENTIALS 90 HRS.  

Learn the basic functions and components of automotive systems including basic design of manual and automatic transmissions, differentials, drive axles, engines, brakes, suspension systems. Includes vehicle inspection.

KATO 0151 PREVENTIVE MAINTENANCE & SERVICE I 130 HRS.  

Covers preventive maintenance and the proper techniques of basic service in the automotive industry. Includes changing fluids, tire dismounting/mounting, balancing, electrical theory, exhaust welding and basic diagnostic skills.

KATO 0211 STEERING AND SUSPENSION II 70 HRS.  

With a focus on ASE/NATEF standards, covers diagnosis and repair of steering and power steering systems. Includes alignments, diagnosing and replacement of steering and suspension components, tire repair and alignments.

KATO 0221 STEERING AND SUSPENSION III 70 HRS.  

The third course in the series focuses on diagnosis, inspection, adjustment and repair of tire wear and wheel alignments, diagnosing and replacement of steering and suspension components. Conforms to ASE/NATEF standards.

KATO 0311 BRAKE SYSTEMS II 50 HRS.  

While focusing on ASE/NATEF standards, the second course in the series focuses on inspection, adjustment and repair of automotive brake systems.

KATO 0321 BRAKE SYSTEMS III 90 HRS.  

While focusing on ASE/NATEF standards, the third course in the series focuses on parking brake systems, power assist units, wheel bearings and anti-lock brakes. Includes diagnosis, repairs and proper service of components.

KATO 0510 ELECTRICAL/ELECTRONICS I 60 HRS.  

While conforming to ASE/NATEF standards, the first course focuses on electrical principles, basic circuits and electrical components. Includes electrical theory, Ohms law, troubleshooting and diagnosis.

KATO 0521 ELECTRICAL/ELECTRONICS II 50 HRS.  

While conforming to ASE/NATEF standards, the second course focuses on Ohms law, series and parallel circuits, uses of wiring diagrams, troubleshooting, diagnosis and electrical systems.

KATO 0531 ELECTRICAL/ELECTRONICS III 180 HRS.  

While conforming to ASE/NATEF standards, the third course focuses on diagnosis and repair of major electrical systems, such as lighting, instrument clusters, wipers and inflatable restraint systems.

KATO 0611 ENGINE PERFORMANCE I 90 HRS.  

While conforming to ASE/NATEF standards, this course focuses on diagnosing engine conditions and the operation and repair of ignition systems.

KATO 0621 ENGINE PERFORMANCE II 270 HRS.  

While conforming to ASE/NATEF standards, the second course focuses on air induction and exhaust systems, fuel systems, emission systems and onboard computer power train controls. Focuses on diagnosis and repair.

KBA1 0001 KEYBOARDING BASICS 30 HRS.  

An introduction to the computer keyboard and techniques using drills and timed writings, this helps students increase speed and accuracy on a keyboard.

KBA1 0010 KEYBOARDING I 60 HRS.  

Intensive skill building practice using drills and timed writings helps students increase speed and accuracy on a computer keyboard, covers an introduction to the computer keyboard and keyboarding techniques.

KBA1 0020 BUSINESS CALCULATIONS 60 HRS.  

Learn the touch method for the 10-key calculator to perform basic business math calculations including addition, subtraction, multiplication, division, percentages, fractions and combining operations.

KBA1 0040 RECORDS MANAGEMENT I 30 HRS.  

Covers records retention systems and presents a systematic approach to organizing and controlling paper, images and computer records through their life cycles.

KBA1 0102 BASIC COMP. SKILLS-PROFESSIONS 30 HRS.  

Provides entry level skills in basic computer use needed in the workplace. Covers common features of word processing, spreadsheet, internet use and e-mail.

KBA1 0110 COMPUTER LITERACY (I3C SKILLS) 90 HRS.  

Provides an understanding of computing concepts including knowledge and use of computer hardware, software and operating systems. Covers common features of word processing, spreadsheet and database applications, internet use and e-mail.

KBA1 0120 OPERATING SYSTEMS FUNDAMENTALS 30 HRS.  

Focuses on basic computer operation, including operating system functions and managing programs, directories, files and data. Includes integrating applications, customizing windows and managing printing.

KBA1 0130 WORD PROCESSING APPLICATIONS I 90 HRS.  

A focus on basic word processing features used in creating editing, saving and retrieving documents including creating and correctly formatting business documents, completing projects and solving problems.

KBA1 0140 SPREADSHEET APPLICATIONS I 60 HRS.  

An introduction to design, create, manipulate, calculate and present data using spreadsheet applications. Use critical thinking skills to develop spreadsheets for business applications.

KBA1 0150 DATABASE APPLICATIONS I 60 HRS.  

Learn to create databases and their capabilities for information management and data manipulation. Learn to design, create, manipulate, extract and present data.
KBA1 0160  ELECTRONIC PRESENTATIONS  60 HRS.
Focuses on electronic presentation software, including designing and creating a presentation, adding visual and audio elements, creating output and presenting information.

KBA1 0170  INTERNET APPLICATIONS  30 HRS.
Discusses the Internet and its practical uses for research, information exchange and general business operations.

KBA1 0510  BUSINESS ENGLISH  90 HRS.
Focuses on the essentials of the English language as required in business, including sentence structure, grammar, punctuation, parts of speech and proofreading.

KBA1 0520  BUSINESS CORRESPONDENCE  90 HRS.
A focus on producing clear and concise business documents in a format designed for mailing. Utilizes correct syntax, structure, paragraph structure, word usage, grammar and punctuation while composing business correspondence.

KBA2 0010  KEYBOARDING II  30 HRS.
A continuation of Keyboarding I is designed to increase speed and accuracy to a minimum job-market level of 50 wpm, emphasizes correct keyboarding techniques. Timings and drills are used to enhance keyboarding skills.

KBA2 0020  KEYBOARDING III  30 HRS.
A continuation of keyboarding II designed to increase speed and accuracy to a minimum job-market level of 60 wpm, emphasizes correct keyboarding techniques. Timings and drills are used to enhance keyboarding skills.

KBA2 0130  WORD PROCESS. APPLICATIONS I  90 HRS.
A continuation of Word Processing Applications I. Designed to provide students with an advanced knowledge of word processing skills.

KBA2 0140  SPREADSHEET APPLICATIONS II  60 HRS.
A continuation of Spreadsheets I is designed to provide students with advanced knowledge of formatting techniques spreadsheet functions, analysis tools and management techniques.

KBA2 0150  DATABASE APPLICATIONS II  60 HRS.
A continuation of Database Applications I is designed to provide advanced skills in database design and creation, data extraction, presentation, database relationships and data interconnectivity.

KBA2 0160  DESKTOP PUBLISHING  90 HRS.
An introduction to the business application features of desktop publishing. Learn to arrange text and graphics to create attractive, professional-looking documents.

KBA2 0180  E-MAIL CLIENT (MS OUTLOOK)  60 HRS.
Prepares students for Microsoft Outlook Certification. MS Outlook is an application that provides tools to send and receive e-mail, organize schedules and events and maintain contact lists, to-do lists and notes.

KBA2 0820  PRINCIPLES OF DESIGN  120 HRS.
Students are introduced to and apply the elements of design including color, line, shape and format to communicate ideas effectively.

KBA2 0910  INTEGRATED PROJECT  60 HRS.
This course integrates student knowledge and skills. Students apply decision-making, critical thinking and problem-solving skills in completing realistic business projects. May be completed as part of an internship or externship.

KBHR 0110  BEGINNING KEYBOARDING  12 HRS.
This course teaches the efficient operation of the keyboard, including the touch method of operation, correct techniques, and correct fingering.

KBHR 0130  TEN-KEY  20 HRS.
Students learn basic ten-key calculator concepts and applications using the touch method.

KBHR 0140  COMPUTER CONCEPTS/WINDOWS  30 HRS.
Students learn basic Windows skills: working with WordPad and Paint programs, and managing files using My Computer. Students also get an introduction to the Internet.

KBHR 0150  CUSTOMER SERVICE/LIFE SKILLS  60 HRS.
The class covers professionalism as it pertains to attitude, ethics, communication skills, grammar skills, conflict management/resolution, problem-solving skills, proper telephone etiquette, and data entry from verbal information.
KCMA 0070  TRACKING PATIENT RECORDS  20 HRS.
Provides the fundamentals of beginning and tracking a patient record using both paper records and electronic medical records (EMR) software.

KCMA 0080  VITAL SIGNS/CPR/FIRST AID  20 HRS.
Provides a fundamental understanding of vital signs and how to accurately take them.

KCMA 0090  PHLEBOTOMY  30 HRS.
Provides a fundamental understanding of phlebotomy and enables students to perform venipuncture using a Vacutainer or Butterfly.

KCMA 0100  INTRODUCTION TO CLINICAL LABORATORY  20 HRS.
Completion of this course certifies proficient understanding of the basic concepts and procedures of clinical assisting.

KCMA 0120  HEMATOLOGY/SEROLOGY  20 HRS.
Learn proper handling and performance of hematology/serology labs.

KCMA 0130  MICROBIOLOGY/URINALYSIS  20 HRS.
Learn proper handling and performance of microbiology and urinalysis testing.

KCMA 0150  CARDIOLOGY PROCEDURES WITH ECG  30 HRS.
Provides understanding of heart anatomy and physiology. Students properly perform ECGs.

KCMA 0160  INTRODUCTION TO INSURANCE PROCEDURES  20 HRS.
Provides an introduction to medical insurance.

KCMA 0170  FINANCIAL PROCEDURES/SCHED  20 HRS.
Exposes the clinical medical assistant to medical financial procedures.

KCMA 0180  INTRODUCTION TO ASSISTING WITH EXAMS  20 HRS.
Certifies proficient understanding of the basic skills and procedures for assisting with patients.

KCMA 0190  INTRODUCTION TO PHARMACOLOGY  20 HRS.
Learn to calculate medication dosages and administer parenteral and nonparenteral medications.

KCMA 0200  ASSISTING W/OFFICE PROCEDURES  220 HRS.
Fourteen modules cover medical assisting in a variety of medical office procedures and/or exams.

KCMA 0220  THERAPEUTIC & REHABILITATION  20 HRS.
Learn to prepare patients for therapeutic and radiology procedures.

KCMA 0420  FINAL REVIEW & CERT PREP  10 HRS.
Focuses on performance of medical assisting tasks under the supervision of nursing and medical staff. A final job requirement.

KCMA 0430  MEDICAL ASSISTING EXTERNSHIP  160 HRS.
An opportunity for students to demonstrate their skills in a clinical setting.

KCMA 0500  CLINICAL LABORATORY ASSISTANT  48 HRS.
Learn the procedures for preparing patient specimens for testing in order to perform diagnostic testing and how to assist in the medical laboratory. Skills can be used in hospital, research or medical offices.

KCMS 0116  COMPUTER LITERACY BASICS  24 HRS.
Gives computer literacy training including personal computer hardware, Windows/DOS, email/internet, keyboarding, word-processing, and spreadsheets. Students prepare for the IC3 industry certification exams.

KCMS 0125  HARDWARE & SOFTWARE BASICS  24 HRS.
This accelerated course covers techniques for basic computer hardware and operating systems, including installing, building, upgrading, repairing, configuring, troubleshooting, diagnosing, with elements of soft skills and security.

KCMS 0130  A+ CORE EXAM MODULE  275 HRS.
Students study techniques and practices for installation, configuration, diagnosis and troubleshooting, computer system hardware including memory expansion, disk drives, networks. Students prepare for A+ Core certification exam.

KCMS 0135  HARDWARE & SOFTWARE ESSENTIALS  216 HRS.
Prereq: Min. basic skills defined by program. See advisor. This accelerated course covers techniques for basic computer hardware and operating systems, including installing, building, upgrading, repairing, configuring, troubleshooting, diagnosing, with elements of soft skills and security.

KCMS 0150  HELPDESK TECHNICIAN  1.69 HRS.
Prereq: KCMS 0125 or 0135. This course stresses troubleshooting and interacting with customers remotely via the telephone or e-mail. It is targeted to individuals who work or intend to interact with clients resolving technical issues.

KCMS 0160  BENCH TECHNICIAN  1.65 HRS.
Prereq: KCMS 0125 or 0135. This course is targeted for individuals who work or intend to work in settings with where hardware related activities are emphasized. Example job roles include: Depot Technician, Bench technician.

KCMS 0170  REMOTE/MOBILE TECHNICIAN  1.68 HRS.
Prereq: KCMS 0125 or 0135 and instructor approval. This course is targeted for individuals who work or intend to work in a mobile or corporate technical environment with a high level of face-to-face client interaction. Example job roles include: Enterprise Technician, IT Administrator, Field Service Technician, PC Technician.

KCMS 0205  COOPERATIVE INTERNSHIP  1.5 HRS.
Prereq: Must complete one of the following: KCMS 0170 & KCMS 0120, or KCMS 0125 and one elective (KCMS 0190, 0160 or 0170), or KCMS 0135 and one elective (KCMS 0150, 0160 or 0170). Students participate in cooperative internship with a local company. Student and instructor work with a company to insure students complete specific tasks and assignments in a workplace environment to enhance their competency.

KCMS 0210  NETWORKING TECHNOLOGIES-ELECT.  150 HRS.
Students learn basic computer networking terms and concepts, the OSI model, transmission media, and protocols as well as many various vendor protocols used in LAN and WAN network implementation. Prepares student for Network+ Certification.

KCMS 0220  SERVER HARDWARE ELECTIVE  150 HRS.
Students gain in-depth knowledge of servers: security, disaster recovery, hardware/software/network configuration, storage/transfer technologies, network protocols (TCP/IP,SNAP,SPX/IPX,SNMP) Prepares student for Server+ Certification.

KCMS 0290  EMPLOYMENT WORKSHOP  0 TO 10 HRS.
Students participate in workshops designed to assist them in obtaining training-related employment. Students receive assistance in interviewing, application/resume writing, job search strategies, and employment assistance.

KCMS 0300  CONFIGURING WINDOWS CLIENTS  1.68 HRS.
Prereq: Must complete one of the following: KCMS 0125 and one elective (KCMS 0150, 0160 or 0170) or KCMS 0135 and one elective (KCMS 0190, 0160 or 0170). Prepares students for the MCSA client operating system exam. Students learn to install, configure, administer, secure, and troubleshoot machines running a Windows client operating system in a Windows network environment.

KCMS 0400  LINUX FUNDAMENTALS  1.65 HRS.
Prereq: Must complete one of the following: KCMS 0130 and KCMS 0120 or KCMS 0125 and one elective (KCMS 0190, 0160 or 0170) or KCMS 0135 and one elective (KCMS 0150, 0160 or 0170). Teaches core concepts required for working effectively in the Linux/Unix environment and lays a solid foundation for more advanced Linux topics.

KCNA 0008  NURSING ASSISTANT CLASSWORK  120 HRS.
Prepares students for working in health care facilities to provide patient care under the supervision of nursing and medical staff. Prepares students for the Utah State Certification written test.

KCNA 0009  NURSING ASSISTANT CLINICALS  16 HRS.
Students practice their skills in a health care facility. Prepares students for the Utah State Basic Skills Certification test.

KCSP 0009  CENTRAL PROCESSING TECH (CPT)  80 HRS.
Learn the processes used in the central processing department of health care facilities. Includes cleaning testing, adjusting, assembling and sterilization processes for supplies, surgical instruments and equipment.

KCSP 0018  CPT CLINICAL  80 HRS.
Practice and demonstrate skills learned in the Central Processing Technician class in a local health care facility.

KCSR 0110  BEGINNING KEYBOARDING  12 HRS.
This course teaches the efficient operation of the keyboard, including the touch method of operation, correct techniques, and correct fingerings.

KCSR 0120  DATA ENTRY  15 HRS.
Students learn data-entry terminology and how to enter alphanumeric data in fields of varying lengths, while striving to improve their speed and accuracy.
KCSR 0130  TEN-KEY  30 HRS.  Students learn basic ten-key calculator concepts and applications using the touch method, with emphasis on attaining speed, accuracy, and skills necessary to qualify for an entry-level job.

KCSR 0140  COMPUTER CONCEPTS/WINDOWS  35 HRS.  Students learn basic Windows skills: working with WordPad and Paint programs, and managing files using My Computer. Students also get an introduction to the Internet.

KCSR 0150  CUSTOMER SERVICE/LIFE SKILLS  60 HRS.  The class covers professionalism as it pertains to attitude, ethics, communication skills, grammar skills, conflict management/resolution, problem-solving skills, proper telephone etiquette, and data entry from verbal information.

KCSR 0160  KEYBOARD SKILL BUILDING  68 HRS.  This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KCSR 0170  INTO TO WORD PROCESSING (WORD)  30 HRS.  Students learn basic word-processing skills including formatting, editing, proofing, saving and printing documents.

KCSR 0180  INTO-BUSINESS COMMUNICATIONS  35 HRS.  Students learn elementary principles of English grammar, spelling, sentence structure and paragraph writing, proofreading, and introductory dictionary and reference manual usage.

KCSR 0290  EMPLOYMENT WORKSHOP  15 HRS.  This course prepares students to find employment related to their training. It covers networking in the job market, writing resumes, giving proper responses in an interview, and keeping a job.

KCUP 0300  A+ ESSENTIALS  90 HRS.  Emphasis is placed on configuring and troubleshooting PCs and hardware components associated with the PC. Prepares students for the A+ hardware certification exam.

KCUP 0400  A+ TECHNICIAN  100 HRS.  Covers common components and features in operating systems, command lines, installing and troubleshooting common operating systems. Prepares students for the A+ operating system certification exam.

KDFO 0110  BEGINNING KEYBOARDING  12 HRS.  This course teaches the efficient operation of the keyboard, including the touch method of operation, correct techniques, and correct fingering.

KDFO 0140  COMPUTER CONCEPTS/WINDOWS  30 HRS.  Students learn basic Windows skills: working with WordPad and Paint programs, managing files using My Computer/Windows Explorer, customizing the Windows environment, and using search engines to become familiar with the Internet.

KDFO 0150  CUSTOMER SERVICE/LIFE SKILLS  60 HRS.  This class covers professionalism as it pertains to attitude, ethics, communications, appearance, verbal presentation, conflict management/resolution, problem-solving, team skills, telephone etiquette, note taking, closing sales, and life skills.

KDFO 0160  KEYBOARD SKILL BUILDING  48 HRS.  Prereq: 0110, Beginning Keyboarding. This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KDFO 0170  WORD PROCESSING CORE  35 HRS.  Students learn basic word-processing skills, such as working with text, paragraphs, and documents, managing files, using tables, and working with pictures and charts.

KDFO 0190  DENTAL TERMINOLOGY  20 HRS.  Through lecture and video students learn 112 dental elements (roots, suffixes, and prefixes), with emphasis on pronunciation, definitions, and usage.

KDFO 0220  DENTAL CODING  30 HRS.  Prereq: 0190, Dental Terminology. Students learn basic concepts and rules governing dental insurance coding, including the correct use of terminology specific to the coding process.

KDFO 0230  DENTAL OFFICE PROCEDURES  15 HRS.  Students learn filing techniques required in a dental office.

KDFO 0240  DENTAL SCHEDULING/BILLING  35 HRS.  Prereq: 0140, Computer Concepts/Windows. The student will use dental scheduling/billing software to enter patient information, payment transactions, print statements and standard reports, submit insurance claims, and schedule patient appointments.

KDFO 0250  DENTAL COOPERATIVE EXTERNALSHIP  80 HRS.  Prereq: 0240, Dental Scheduling/Billing. The externship consists of 80 hours of work experience in a cooperative dental facility. Students will assemble and file patient files according to departmental coding system, fax records, purge records, pull and re-file charts, scheduling patients, billing, phones, etc.

KDFO 0285  DENTAL COOP/EXTERNALSHIP  40 HRS.  The externship consists of work experience in a cooperative dental facility. Experience will range from working at the front desk to assisting the dentist at the patient’s side.

KDFO 0290  EMPLOYMENT WORKSHOP  15 HRS.  This course prepares students to find employment related to their training. It covers networking in the job market, writing resumes, giving proper responses in an interview, and keeping a job.

KELA 0150  UNIVERSAL ASSEMBLY AND REPAIR  75 HRS.  Learn through-hole solder fundamentals, theory, rework/repair techniques, component identification, wire solder, component installation, and setup and use of soldering workstations.

KELA 0160  SURFACE MOUNT TECHNOLOGY  70 HRS.  Learn theory, installation, and quality workmanship methods involved in surface mount technologies (SMT), including component identification, placement, and rework soldering techniques.

KELA 0170  IPC-A-610C WORKER PROF. MOD.  35 HRS.  Students prepare for the IPC-A-610C Worker Proficiency Standards Certification test which includes soldering, soldering criteria, wires, PCB, and components. The certification test is included in the course.

KELA 0171  IPC-A-610D CERT IPC SPECIALIST  35 HRS.  Designed and certified by IPC. Enables students to make correct accept/reject decisions for appropriate class(es) of electronic assemblies. Certification earned through examination.

KELA 0290  EMPLOYMENT WORKSHOP  0 TO 10 HRS.  Students learn job seeking skills, resume writing, and interviewing skills necessary for job placement.

KEMA 0165  IPC-J-STD-001D CERT  35 HRS.  Prereq: Students must have some quality through-hole and surface-mount soldering background: Universal Assembly and Repair (ELET 1080, KELA 0175, or equivalent), Surface Mount Assembly (ELET 2080, KELA 0160, or equivalent), IPC 610D CERT. Specialist (ELET 1020, KETA 0171 or equivalent), permission of instructor based on industry experience or other factors that suggest student success in course. J-STD-001D is a consensus standard for soldering materials/processes using lead-tin and lead-free solder. Course has practical and academic elements. Certification requires practical and written exams.

KEMA 0166  IPC/WHMA-A-620 CERT  65 HRS.  Prereq: ELET 1080 or KELA 0175, ELET 2080 or KELA 0160, ELET 1020 or KELA 0171. IPC/WHMA-A-620 is a consensus standard for requirements and acceptance for cable and wire harness assemblies. Prepares students for the IPC written Certification Exam.

KEMA 0180  ELECTROMECHANICAL PROJECT  70 HRS.  Prereq: KELA 0155 or equivalent, KELA 1060 or equivalent, KELA 0175 or equivalent, KEMA 0163 or equivalent, or equivalent, or instructor evaluation. This project-based course combines material from previous courses with industry requirements to complete entire projects. Mechanical/electronics assembly/safety/handling/cleaning, and cable/harnessing are emphasized.

KESL 0110  LEVEL 1 BEGINNING GRAMMAR  0 TO 960 HRS.  Introduction to basic parts of speech and verb forms.

KESL 0120  LEVEL 1-BEGIN READ/WRITE/SPEAK  0 TO 960 HRS.  Introduction to basic reading, writing, and communication skills.

KESL 0150  LISTENING AND SPEAKING SKILLS  60 HRS.  Prereq: CASAS 180-200. Introduce and develop listening strategies, vocabulary building, and speaking abilities in various contexts.

KESL 0210  LEVEL 2-INTERMED. GRAMMAR  0 TO 960 HRS.  Introduction and practice of basic structures and usage: present, past, and future tenses, nouns and pronouns, basic modals, present and past perfect, count and non-count nouns and articles.
KET2 0120 APPLIED MATH I ELECTR/INSTR 100 HRS.
Prereq: KET2 0121, MATH 1010 with C or better, or appropriate CPT
score. Introduces students to fundamentals of algebra, functions, systems of
linear equations, factoring, quadratic equations. Geometry and trigo-
nometry basics are taught. Electronics and instrumentation applications
are emphasized.

KET2 0126 APPLIED MATH II ELECTR/INSTR 100 HRS.
Prereq: KET2 0125, EIT 1110 with C or better. Introduces students to the
fundamentals of trigonometric, exponential and logarithmic functions,
analytic geometry, statistics, complex numbers, and higher degree equa-
tions. Applications to electronics and instrumentation are taught.

KET2 0131 DC ELECTRICAL FUNDAMENTALS 160 HRS.
Prereq: Math, KET2 0125, or equivalent. DC circuit fundamentals, circuit
and component characteristics, analysis, formulas, and theory. Lab and
lecture combination to apply theory concepts and learn practical aspects
of DC circuits, measurements, troubleshooting and circuit construction.

KET2 0146 AC ELECTRICAL FUNDAMENTALS 160 HRS.
Prereq: KET2 0131. Fundamentals of AC circuits including component
characteristics and RCL circuits. Lecture/lab combination includes appli-
cation of theory, circuit construction, measurements, troubleshooting,
Oscilloscope use, function generators, and frequency counters.

KET2 0155 DEVICES AND CIRCUITS 170 HRS.
Covers active devices such as diodes, transistors, thyristors, and optoelec-
tronic devices. Biasing techniques, classes and configurations of amplifiers
are covered, including operational amplifiers (IC circuits). Applications
and troubleshooting concepts of these circuits are emphasized.

KET2 0156 LINEAR CIRCUITS 170 HRS.
Prereq: KET2 0131, KET2 0122, KET2 0123, KET2 0124, KET2 0130,
KET2 0145, or equivalents. Covers active devices: diodes, transis-
tors, thyristors, optoelectronic devices. Includes biasing techniques, amplifier
classes, configurations, operational amplifiers. Includes applications &
troubleshooting concepts.

KET2 0157 ANALOG DEVICES AND CIRCUITS 180 HRS.
Prereq: KET2 0146 or equivalent. Covers active devices, e.g., diodes,
transistors, thyristors, optoelectronics, biasing techniques, classes/configu-
ration of amplifiers including operational amplifiers. Applications/
troubleshooting concepts emphasized.

KET2 0165 DIGITAL ELECTRONICS 170 HRS.
This course introduces basic theory of digital circuits including binary,
octal, hexadecimal numbering systems, tables, digital logic devices, coun-
ters, sequential logic, and A/D, D/A conversion.

KET2 0167 DIGITAL CIRCUITS 170 HRS.
Prereq: KET2 0157 or equivalent. Covers digital circuit theory: binary/
octal/hexadecimal numbers, truth tables, logic gates, flip-flops, counters,
shift registers, interfaces, A/D,D/A converter. Emphasizes practical appli-
cations and troubleshooting.

KET2 0175 COMPUTER LITERACY BASICS 120 HRS.
Provides basic computer literacy skills including personal computer hard-
ware, Windows/DOS, email/internet, DOS, keyboarding, word-processing,
and spreadsheets. Students prepare for the IC3 industry certification
exams.

KET2 0180 MICROCOMPUTER FUNDAMENTALS 75 HRS.
Students learn basic computer hardware (motherboards, CPUs, buses,
memory, and disk drives) and software (DOS, Windows 9x, and Windows
NT-2000), as well as Internet hardware and software.

KET2 0200 COOPERATIVE INTERNSHIP 120 HRS.
Students participate in cooperative internship with a local company.
Student and instructor will work with company to insure students com-
plete specific tasks and assignments in a workplace environment to
enhance their competency.

KET2 0210 MICRO. FUNDAMENTALS ELECTIVE 100 HRS.
Students learn basic computer hardware (motherboards, CPUs, buses,
memory, and disk drive) and software (DOS, Windows 9x, and Windows
NT/2000/XP), as well as Internet hardware and software.

KET2 0220 COOP. INTERNSHIP ELECTIVE 100 HRS.
Students participate in cooperative internship with a local company.
Student and instructor will work with company to insure students com-
plete specific tasks and assignments in a workplace environment to
enhance their competency.
This course will focus on the basics of computers for T ransportation. Students will be introduced to the basic skills and vocabulary necessary for successful completion of their coursework and exams. Computerized tutorials prepare students for the industry recognized Certified Electronics Technician (CET) Associate level examination.

KET2 0211 ELECTRONICS TROUBLESHOOTING 100 HRS.
Prereq: Analog and Digital Electronics. Covers principles, techniques, and procedures for troubleshooting electronics equipment and systems. Troubleshooting concepts will be applied to a wide variety of circuits and systems, emphasis is on repair and use of test equipment.

KET2 0240 ISCET EXAM PREREQ. ELECTIVE 100 HRS.
A review of electronics theory and applications to practical problems and solutions. Computerized tutorials prepare students for the industry recognized Certified Electronics Technician (CET) Associate level examination.

KET2 0241 TECH CERTIFICATION 100 HRS.
Prereq: minimum basic skills required as defined by the program admissions office. A review of electronics theory and applications to practical problems and solutions. Computerized tutorials prepare students for the industry recognized Certified Electronics Technician, Associate-level certification examination.

KET2 0280 FCC LICENSE PREPARATION 100 HRS.
Prereq: Instructor Permission. Covers principles of AM, FM, phase and pulse modulation, tuned, RF and power amplifiers, transmission lines and antennas. Also covers fundamentals of transmitters and receivers. Students prepare for General Radiotelephone Operators License (GROL) FCC exam.

KET2 0290 EMPLOYMENT WORKSHOP 0 TO 10 HRS.
Students participate in workshops designed to assist them in obtaining training-related employment. Students receive assistance in interviewing, application/resume writing, job search strategies, and employment assistance.

KFLT 0250 FORK LIFT TRAINING 8 HRS.
Students learn the basic skills needed to safely operate fork lifts, pallet jacks, and hand trucks.

KFN1 0100 INTRODUCTION TO COMPUTERS 20 HRS.
Students will learn to identify parts of a Computer, hold and use the Mouse, log onto/off the Computer, type using the Keyboard, use Word, use Internet Explorer.

KFN1 0200 COMPUTER BASICS 40 HRS.
Students will learn to identify parts of a Computer, hold and use the Mouse, log onto/off the Computer, type using the keyboard, use Word, use Internet Explorer, learn Internet basics and e-mail.

KFN1 0260 FUNDAMENTAL SKILLS, BUSINESS 40 HRS.
Students will be introduced to the terminology, vocabulary and basic skills necessary for successful completion of the Business program.

KFN1 0270 FUNDAMENTAL SKILLS, CDL 40 HRS.
Students will be introduced to the vocabulary, traffic signs and manual associated with the CDL.

KFN1 0280 FUND. SKILLS, HEALTH CARE 40 HRS.
Students will be introduced to the basic skills and vocabulary necessary for successful completion of a program in Health Care at SLCC.

KFN1 0290 FUND SKILLS, AUTO/DIESEL 40 HRS.
Students will be introduced to vocabulary and basic skills necessary for successful completion of the Transportation program.

KFN1 0360 TERMINOLOGY & SKILLS, BUSINESS 70 HRS.
This course will focus on the basics of computers for Business Technologies. Students will also be introduced to the terminology, vocabulary and basic skills necessary for successful completion of the Business program.

KFN1 0370 TERMINOLOGY & SKILLS, CDL 65 HRS.
This course will focus on the basics of computers for CDL. Students will be introduced to the vocabulary, traffic signs and manual associated with the CDL.

KFN1 0380 TERMINOLOGY/SKILLS, HEALTHCARE 65 HRS.
This course will focus on the basics of computers for Health Care. Students will be introduced to the basic skills and vocabulary necessary for successful completion of a program in Health Care at SLCC.

KFN1 0390 TERM. & SKILLS, TRANSPORTATION 65 HRS.
This course will focus on the basics of computers for Transportation. Students will be introduced to vocabulary and basic skills necessary for successful completion of the Transportation program.

KGED 0600 GED TEST PREPARATION 0 TO 10 HRS.
Prereq: ABLE score of 8.0 in comprehension & vocabulary, complete levels 1-7 of KABM 0110 to enter level 8, GED Math, concurrent with KATG 0500, may be taken with KALL 0100. Students prepare for the GED Social Studies, Reading and Science Exams. Test-taking tips are presented in the course to lessen test anxiety and encourage confidence.

KHUC 0190 HEALTH UNIT COORDINATING 60 HRS.
Prereq: As described in program curriculum outline. Students learn the skills required to work as a member of the health care team providing non-clinical support for patient care: maintain patient charts, transcribe doctor's orders, order diagnostic tests/procedures, etc.

KHUC 0200 COOPERATIVE EXTERNSHIP 66 HRS.
Students participate in a cooperative externship with a local hospital. A cooperative preceptor assists with specific assignments to enhance the student’s competency and proficiency for work in a hospital nursing unit.

KHUC 0210 COOPERATIVE EXTERNSHIP 78 HRS.
Prereq: As defined on program outline. Students participate in a cooperative externship with a local hospital. A cooperative preceptor assists with specific assignments to enhance the student’s competency and proficiency for work in a hospital nursing unit.

KHUC 0290 EMPLOYMENT WORKSHOP 0 TO 10 HRS.
Students participate in workshops designed to assist them in obtaining training-related employment. Students receive assistance in interviewing, application/resume writing, job search strategies, and employment assistance.

KHVT 0050 HEAVY DUTY BRAKES 90 HRS.
Provides theory and hands-on experience for students on maintenance and repair of air ABS, hydraulic brakes and wheel bearing systems.

KHVT 0100 PREVENTIVE MAINTENANCE & INSPECTION 90 HRS.
Students prepare for complete inspection on the vehicle to ensure a safe operation. Covers inspections and repairs on items such as wheel bearings, engine inspections, checking lights, oil levels and tire and frame inspections.

KHVT 0115 SUSPENSION AND STEERING 120 HRS.
Provides theory and hands-on experience in maintenance and repair of the heavy duty steering and suspension systems. Covers shocks, kingpins, drag links, tie rods, steering bear box, straight axles, wheels, tire and frame service.

KHVT 0220 HEAVY DUTY HVAC 120 HRS.
Provides theory and hands-on experience for students on troubleshooting and repair of heavy duty truck air conditioning systems, including condensers, check valves, driers, compressors, evaporators, controls and recovering, handling and installing different refrigerants.

KHVT 0225 DIESEL ENGINES 210 HRS.
Provides theory and hands-on training on basic operation, parts and overhaul procedures of a diesel engine. Students receive detailed instruction on engine lubricants, air cooling and exhaust systems.

KHVT 0330 ELECTRICAL/ELECTRONIC SYSTEMS 120 HRS.
Provides theory and hands-on training on basic electrical components and systems. Includes alternators, lights, wiring, schematics, symbols and circuits. Students wire various circuits and use test equipment to troubleshoot components and systems.

KHVT 0350 SAFETY AND SHOP SKILLS 60 HRS.
Provides theory and hands-on training on basic skills and safety needed for the diesel shop, including how to lift heavy materials properly, working with electrical machinery fire extinguishers, welding safety and hand tools.

KHVT 0440 HYDRAULICS I 60 HRS.
Provides instruction and hands-on training for fluid power (hydraulics) as used in mobile equipment, includes practical theory and troubleshooting on hydraulic/pneumatic components.

KHVT 0660 DRIVE TRAINS 90 HRS.
Provides theory and hands-on experience on maintenance and repair of the heavy duty drive train systems. Covers clutches, transmissions, drive lines and differentials.

KITN 0110 INTRO/INFORMATION TECHNOLOGY 90 HRS.
An overview of computers including their history, hardware, operating systems, program languages, software, networking, data storage, system security and importance to business and information technologies.
Students learn to use a surface grinder.

Students learn to use a milling machine.

Students learn the mechanical properties of common metals used in the machining applications.

Students learn the mechanical properties of common metals used in the machining applications.

Students will learn to use a lathe for precision machining.

Students learn to use a milling machine.

Students learn to use a surface grinder.

Students learn to use a surface grinder.

Students learn measurement and inspection techniques used in the machining industry.

Students learn measurement and inspection techniques used in the machining industry.

This course reinforces the touch method of keyboarding with, emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

Students learn principles of English grammar, spelling, paragraph, essay, letter, and memo writing, proofreading, and dictionary and reference manual usage.

Students learn concepts & rules for the use of procedural coding including advanced ICD-9, CPT, & HCPCS. Successful completion will help prepare students to take the AAPC and/or AHIMA national coding certification exams.

The externship consists of 110 hours of work experience in an approved medical facility under professional supervision to give hands-on experience in the medical coding profession.

Students will learn skills required for building, editing, and formatting worksheets and charts, and working with formulas and functions.

This course teaches the efficient operation of the keyboard, including the touch method of operation (not looking at the keyboard), correct techniques, and correct fingering.

Students learn basic ten-key calculator concepts and applications using the touch method.

Students learn basic Windows skills: working with WordPad and Paint programs, and managing files using My Computer. Students also get an introduction to the Internet.

Students learn medical coding as it relates to insurance claims, with emphasis on the correct use of terminology. Both theory and practical applications are included.

This class covers the basic human anatomy and physiology concepts required to help the student prepare for the AACP and/or AHIMA National Certification Tests. Terminology will be covered with emphasis on body structure & systems.

Students learn basic concepts and rules governing medical insurance coding, including the correct use of terminology specific to the coding process are covered. Both lectures and practical applications using the ICD-9-CM are employed.

Students learn concepts & rules for the use of procedural coding including advanced ICD-9, CPT, & HCPCS. Successful completion will help prepare students to take the AAPC and/or AHIMA national coding certification exams.

The student will use medical accounting/patient software to enter patient information, payment transactions, print statements and standard reports, submit insurance claims, and schedule patient appointments.
The externship consists of 110 hours of work experience in an approved medical facility under professional supervision to give hands-on experience in the medical coding profession.

This course prepares students to find employment related to their training. It covers networking in the job market, writing resumes, giving proper responses in an interview, and keeping a job.

An introduction to various multimedia applications: graphics, multimedia text, animation, sound, video, virtual reality and interactive features of multimedia. Learn the computer systems used to develop and play back multimedia products.

Focuses on familiarizing students with graphic design principles including color, typography and layout.

An introduction to the basic principles and elements of design (line, shape, color, format, etc.) Students apply design principles and processes to develop creative design solutions.

Introduces concepts, technical information and artistic requirements for completing a successful illustration using the computer as a medium, includes creative techniques for drawing, designing, filling, blending and texturing.

An introduction to ethical and legal issues associated with media design including privacy, free speech and protection of intellectual property rights.

An introduction to the technologies associated with design applications for the internet, includes the basic use of XHTML, JavaScript, DHTML, DOM and the technologies involved with design and the internet.

Covers web design, creation and graphic layout principles used to publish on the Internet. Includes HTML, HTML forms, HTML graphics, HTML editors and basic web design and graphic layout principles.

An introduction to web authoring tools that allows for the smooth integration of a variety of multimedia creations into a finished movie title, includes creating a multimedia CD/DVD that can be printed or published to the internet.

An introduction to a variety of elements involving web site animation. Learn animations that allow a web designer to create a variety of graphic objects that add visual stimulation to the web site.

Assignments are designed to guide students in developing an electronic version of their multimedia portfolio. When finished students will have created a complete marketing package to display their work on the Web or via CD/DVD.

Provides essential training for interactive scripting that supports authoring software programs such as Flash and Director. Students complete a series of projects which use programs to create interactive media projects.

Students complete a final project of their choice with instructor approval. Final projects are designed as they can be put forward in a proposal form or in a portfolio format.

An overview of various key Web development topics focused on Web applications that are dynamic, data-driven and interactive. An introduction to SML, VB.NET, ADO.NET, C#, CGI-Perl, Java, JSP, PHP, ColdFusion MX, Access, SQL.

Teaches basic JavaScript programming concepts with syntax for program development and implementation. Create and modify simple JavaScript language applications and the tools to create more complex applications.
KMNA 0190  NETWORK SECURITY  165 HRS.
Prereq: KMNA 0190 or Instructor approval. Covers how to implement, manage, maintain, and troubleshoot security in a Windows Server environment. Topics will include securing the network and securing server services including RRAS, network communication and Active Directory.

KMNA 0200  COOPERATIVE INTERNSHIP  100 HRS.
Students participate in cooperative internship with a local company. Student and instructor will work with company to insure students complete specific tasks and assignments in a workplace environment to enhance their competency.

KMNA 0270  WINDOWS XP  165 HRS.
Prereq: Computer Basics (KCMS 0115) or instructor approval. Students learn to install, configure, administer, secure and troubleshoot machines running Windows XP in a Windows network environment. MCP and MCSE exam 70-270.

KMNA 0640  ACTIVE DIRECTORY ADMINISTRATION  200 HRS.
Prereq: KMNA 0127 or instructor approval. Learn to configure and maintain Active Directory Services. Topics covered include user, group, and computer account management, forest, site, and domain controller management, as well as group policy implementation. MCTS and MCITP titles (exam 70-640).

KMNA 0642  INFRASTRUCTURE ADMINISTRATION  150 HRS.
Prereq: KMNA 0127 or instructor approval. Learn to install, manage, and troubleshoot Windows Server network services such as DHCP, DNS, RRAS, VPs, WSUS and NAP. Students also learn to set up and manage file and print servers. MCTS and MCITP titles (exam 70-642).

KMNA 0646  SERVER ADMINISTRATION  165 HRS.
Prereq: KMNA 0127 or instructor approval. Learn to install, manage, monitor, and optimize systems running Windows Server 2008. High-availability strategies such as Network Load Balancing and Cluster Services will also be covered in addition to application and data provisioning. MCITP title (exam 70-640).

KMOA 0100  FIRST AID/CPR  30 HRS.
Upon completion, students will understand the importance of knowing what to do in a timely manner during and after a medical emergency, includes first aid, CPR and providing assistance until a professional arrives.

KMOA 0105  FUNDAMENTALS OF HUMAN DISEASE  30 HRS.
Designed to introduce students to, and enhance their understanding of, human disease. Includes a more in-depth review of all organ systems and their involvement in medical diseases.

KMOA 0110  MEDICAL TERMINOLOGY  60 HRS.
Learn the terminology needed to be successful in the medical and health care fields.

KMOA 0120  MEDICAL LAW AND ETHICS  60 HRS.
Provides an overview of the legal and ethical issues that impact the health care setting.

KMOA 0130  PSYCHOLOGY FOR HEALTHCARE  30 HRS.
Provides an overview of the basic principles of psychology required in a health care environment.

KMOA 0140  MEDICAL TERMINOLOGY II  30 HRS.
Further enhances the student's ability to use and understand terminology.

KMOA 0145  ANATOMY AND PHYSIOLOGY  120 HRS.
A study of the structure and function of the human body. Includes an overview of all organ systems including processes and diagnostic treatment modalities.

KMOA 0150  MEDICAL OFFICE PROCEDURES I  90 HRS.
The first in the series of three that teaches the basic skills needed to perform clerical functions and proper insurance, coding and billing procedures efficiently in a medical office setting.

KMOA 0151  MEDICAL OFFICE PROCEDURES II  60 HRS.
The second in the series of three that teaches the basic skills needed to perform clerical functions and proper insurance, coding and billing procedures efficiently in the medical office setting.

KMOA 0152  MEDICAL OFFICE PROCEDURES III  120 HRS.
The third in the series of three that teaches the basic skills needed to perform clerical functions and proper insurance, coding and billing procedures efficiently in a medical office setting.

KMOA 0153  COMPUTERIZED MEDICAL OFFICE  60 HRS.
Prepares students to work with commercial software used in medical offices today.

KMOA 0160  BASIC VITAL SIGNS  30 HRS.
Prepares the front office staff to help prepare a patient to be seen by the physician if a medical assistant is unavailable or needs additional help. Cross training for an office to run smoothly.

KMOA 0210  MEDICAL OFFICE EXTERNSHIP  90 HRS.
Provides an opportunity for the student to practice and demonstrate their administrative skills in a health care environment. This unpaid externship takes place in a working office or clinic under supervision.

KMTH 0010  MATH I  60 HRS.
An introduction to basic mathematics including operations with whole numbers, fractions, decimals, proportions, averages and percentages. Students are prepared for more advanced mathematics.

KNAS 0115  PATIENT CARE THY/LABS, SP-ENG  94 HRS.
Students learn the skills required to meet the needs of acute, chronic, long-term, and chronically ill patients in hospitals, long-term care facilities, and in the home, while learning basic English medical vocabulary and conversation.

KNAS 0120  PATIENT CARE CLINICAL  26 HRS.
Students practice basic hands-on patient care at a local long-term care facility and hospital. This clinical assignment prepares students for the state Certified Nurse Assistant basic skills demonstration test.

KNAS 0135  MEDICAL VOCABULARY/TUTORING  40 HRS.
Students learn the basic English medical terminology and conversation in an intensive classroom/lab setting.

KNAS 0290  EMPLOYMENT WORKSHOP  0 TO 10 HRS.
Students participate in workshops designed to assist them in obtaining training-related employment. Students receive assistance in interviewing, application/resume writing, job search strategies, and employment assistance.

KNEG 0120  MANAGING WINDOWS NETWORK  135 HRS.
Students learn to administer, support, and troubleshoot information systems that use MS Windows 2000. Students are prepared for MS exam 70-218 which is required for the MCSA course and is an elective for MCSE.

KNEG 0130  CONFIGURING WINDOWS CLIENTS  150 HRS.
Prereq: Complete Computer Support Specialist Program, have CompTIA A+ cert., or instructor approval. Prepares students for the MCSE client operating system exam. Students learn to install, configure, administer, secure, and troubleshoot machines running a Windows client operating system in a Windows network environment.

KNEG 0135  CONFIGURING WINDOWS CLIENTS  150 HRS.
Prereq: Complete Computer Support Specialist Program, have CompTIA A+ cert., or instructor approval. Prepares students for the MCSE client operating system exam. Students learn to install, configure, administer, secure, and troubleshoot machines running a Windows client operating system in a Windows network environment.

KNEG 0137  CONFIGURING WINDOWS CLIENTS  180 HRS.
Prereq: Computer Basics or Instructor approval. Prepares students for the MCSE client operating system exam. Students learn to install, configure, administer, secure, and troubleshoot machines running a Windows client operating system in a Windows network environment.

KNEG 0140  SERVER ENVIRONMENT MANAGER  150 HRS.
Prereq: Complete Computer Support Specialist program, have CompTIA A+ cert., or instructor approval. Students learn to install, implement, administer, and troubleshoot server and client information systems running in a Windows network environment. Prepares students for the MCSE Server exam.

KNEG 0145  SERVER ENVIRONMENT MANAGER  150 HRS.
Prereq: Complete Computer Support Specialist program, have CompTIA A+ cert., or instructor approval. Students learn to install, implement, administer, and troubleshoot Server and client information systems running in a Windows network environment. Prepares students for the MCSE Server exam.

KNEG 0147  SERVER ENVIRONMENT MANAGEMENT  200 HRS.
Prereq: KNEG 0137 or Instructor approval. Students learn to install, implement, administer, and Troubleshoot Server and client information systems running in a Windows network environment. Prepares students for the MCSE Server exam.
KNED 0185 DESIGNING NETWORK SECURITY 135 HRS.
Includes creating a security design for the network infrastructure, designing security for network management and updates, designing secure communications between networks, and designing security for Windows servers based on server roles including IIS and Wireless technology.

KNED 0205 COOPERATIVE INTERNSHIP 80 HRS.
Prepares students for MCSE exam 70-219. The course covers analyzing business and technical requirements as well as designing a directory services architecture and Microsoft services such as DHCP and DNS.

KNED 0210 MANAGING WINDOWS NT 4 NETWORK 140 HRS.
Prepares students for MCSE elective exam 70-244. Students learn to administer, support, and troubleshoot information systems and networks that incorporate MS Windows NT 4.0.

KNED 0290 EMPLOYMENT WORKSHOP 15 HRS.
Students participate in workshops designed to assist them in obtaining training-related employment. Students receive assistance in interviewing, application/resume writing, job search strategies, and employment assistance.

KNIT 0750 NETWORKS ROUTING & SWITCHING I 150 HRS.
The first course in the series prepares students to pass the Cisco Certified Network Associate exam. Using the OSI model learn the hardware, software, topologies and troubleshooting required to support any given networked system.

KNIT 0755 NETWORKS ROUTING/SWITCHING II 150 HRS.
The second course in the series prepares students to pass the Cisco Certified Network Associate exam. Using the OSI model learn the hardware, software, topologies and troubleshooting required to support networked systems.

KNNA 0100 NUTRITION ASSISTANT 20 HRS.
Prepares current TB test results or x-ray within past 12 mo. Designed to train students in the skills required to meet patient mealtime needs in long-term care or rehabilitation health care settings.

KNRS 0110 PATIENT CARE, THEORY AND LABS 80 HRS.
Students learn the skills required to meet the needs of acute, chronic, long-term, and chronically ill patients in hospitals, long-term care facilities, and in the home, while preparing for the state Certified Nurse Assistant exam.

KNRS 0116 PATIENT CARE, THEORY AND LAB 104 HRS.
Students learn the skills required to meet the needs of acute, chronic, long-term, and chronically ill patients in hospitals, long-term care facilities, and in the home, while preparing for the state Certified Nurse Assistant exam.

KNRS 0120 PATIENT CARE CLINICAL 26 HRS.
Students practice basic hands-on patient care at a local long-term care facility and hospital. This clinical assignment prepares students for the state Certified Nurse Assistant basic skills demonstration test.

KNRS 0290 EMPLOYMENT WORKSHOP 0 TO 10 HRS.
Students participate in workshops designed to assist them in obtaining training-related employment. Students receive assistance in interviewing, application/resume writing, job search strategies, and employment assistance.

KNTA 0500 NETWORKING TECHNOLOGY 120 HRS.
Covers terminology and networking concepts including design, topology, implementation, cabling, connecting network components, signal transmission and network adapter cards. Prepares students for the Net+ certification exam.

KNTA 0520 ADMINISTERING WINDOWS DESKTOP 90 HRS.
Learn installation, configuration, troubleshooting and maintenance for desktop workstations on the network. Prepares students for an exam needed for MCP, MCSA and/or MCSE certification.

KNTA 0530 ADMINISTERING WINDOWS SERVER 120 HRS.
Covers installation, configuration and management of a Windows Server. Includes choosing hardware, connecting workstations and other functions needed to maintain a network. Prepares for MCP, MCSA and/or MCSE.

KNTA 0540 ADMIN WIN NET INFRASTRUCTURE 90 HRS.
Learn to install, manage and troubleshoot a Windows network infrastructure in a hands-on lab environment. Prepares for an exam for MCP, MCSA and/or MCSE.

KNTA 0560 ADMIN TRANSPORTATION 90 HRS.
Prepares students for MCSE exam 70-217 which measures the ability to design, plan and administer Windows Active Directory and DNS for Active Directory. Prepares for the MCSE exam.

KNTA 0570 SECURITY/INFRASTRUCTURE 90 HRS.
Prepares students for MCSE exam 70-216: implementing and administering security solutions. Included are skills to manage, monitor, and optimize the desktop.

KNTA 0580 ADMINISTER WINDOWS DIRECTORY SERVICE 90 HRS.
Provides a comprehensive understanding of the technologies and techniques required to create a successful design for a network infrastructure using Windows services and protocols. Prepares for the MCSE exam.

KNTA 0590 ADMIN MANAGEMENT SERVICES 90 HRS.
Provides the knowledge and skills necessary to design a security framework for small, medium and enterprise networks using Windows technologies. Learn to configure and support secure environments. Prepares for the MCSE exam.

KNTA 0620 ADMINISTRATING SQL SERVER 120 HRS.
Installs, configures and troubleshoots SQL Server. Develop security strategies, capacity and data availability plans, migration plans to manage security, data and replication. Prepares for the MCP, MCSA and/or MCSE exams.

KOF0 0110 BEGINNING KEYBOARDING 12 HRS.
This course teaches the efficient operation of the keyboard, including the touch method of operation, correct techniques, and correct fingering.

KOF0 0115 BEGINNING SKILL BUILDING 50 HRS.
Prepares: KOF0 0110. Reinforces the touch method of keyboarding, with emphasis on improving speed, accuracy, and knowledge necessary for an entry-level job.

KOF0 0130 TEN-KEY 40 HRS.
Reinforces the touch method of keyboarding, with emphasis on improving speed, accuracy, and knowledge necessary for an entry-level job.

KOF0 0140 COMPUTER CONCEPTS/WINDOWS 45 HRS.
Students learn basic Windows skills: Working with WordPad and Paint programs, managing files using My Computer/Windows Explorer, customizing the Windows environment, and using various search engines to become familiar with the Internet.

KOF0 0150 CUSTOMER SERVICE/LIFE SKILLS 60 HRS.
Attitude, ethics, communication skills, conflict management resolution, problem-solving, telephone skills, close a sale, team player, Life Skills: appearance & presentation, time management, self-management skills, budgeting.

KOF0 0160 KEYBOARD SKILL BUILDING 108 HRS.
This course reinforces the touch method of keyboarding, with emphasis on improving the speed, accuracy, and knowledge necessary for an entry-level job.

KOF0 0170 WORD PROCESSING (MS WORD CORE) 35 HRS.
Students learn basic word-processing skills, such as working with text, paragraphs, and documents, managing files, using tables, and working with pictures and charts.
KOF 0175  WORD PROCESSING (WORD EXPERT)  35 HRS.
Students learn advanced word-processing skills such as working with paragraphs, documents, tables, pictures and charts. They learn merge, additional advanced features, and collaborating with groups.

KOF 0180  BUSINESS COMMUNICATIONS  80 HRS.
Students learn principles of English grammar, spelling, paragraph, essay, letter, and memo writing, proofreading, and dictionary and reference manual usage.

KOF 0190  PRESENTATIONS (POWERPOINT CORE)  30 HRS.
Students learn and demonstrate MS PowerPoint presentation software including creating, modifying, enhancing, and formatting slides and using embedding techniques.

KOF 0200  SPREADSHEETS (MS EXCEL CORE)  35 HRS.
Hand-on simulations assist students in acquiring basic skills, which include building, editing, and formatting worksheets and charts, and working with formulas and functions.

KOF 0210  SPREADSHEETS (MS EXCEL EXPERT)  35 HRS.
Prereq: KOF 0200 Hands-on simulations assist students in acquiring skills in importing and exporting data, using templates, formatting numbers, using named ranges, toolbars, macros, and analysis tools, auditing worksheets, collaborating with workgroups.

KOF 0220  QUICKBOOKS  65 HRS.
Students will learn to use the QuickBooks software at an entry level. Practical examples and exercises will show how to utilize functions that will allow you to record regular and special transactions and produce reports.

KOF 0230  OFFICE PROCEDURES  15 HRS.
Students learn business alphabetic filing skills and other basic office procedures.

KOF 0250  EMPLOYMENT WORKSHOP  15 HRS.
This course prepares students to find employment related to their training. It covers networking in the job market, writing resumes, giving proper responses in an interview, and keeping a job.

KOF 0110  BEGINNING KEYBOARDING  10 HRS.
This course teaches the efficient operation of the keyboard, including the touch method of operation (not looking at the keyboard), correct techniques, and correct fingerings.

KOF 0120  DATA ENTRY  15 HRS.
Students learn data-entry terminology and how to enter alphanumeric data in fields of varying lengths, while striving to improve their speed and accuracy.

KOF 0130  TEN KEY CALCULATOR  40 HRS.
Students learn basic ten-key calculator concepts and applications using the touch method, with emphasis on attaining speed, accuracy, and skills necessary to qualify for an entry-level job.

KOF 0140  COMPUTER CONCEPTS/WINDOWS  45 HRS.
Students learn basic Windows skills: working with WordPad and Paint programs, managing files using My Computer/Windows Explorer, customizing the Windows environment, and using various search engines to become familiar with the Internet.

KOF 0150  CUSTOMER SERVICE  40 HRS.
The class covers professionalism as it pertains to attitude, ethics, communication skills, grammar skills, conflict management/resolution, problem-solving skills, proper telephone etiquette, and data entry from verbal information.

KOF 0160  KEYBOARD SKILL BUILDING  120 HRS.
This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KOF 0170  WORD PROCESSING  135 HRS.
Students learn beginning/intermediate word-processing: creating, opening, closing, editing, saving, and managing files, line and page formatting, using the spellers and thesaurus, also formatting letters, memos, and tables.

KOF 0180  BUSINESS COMMUNICATIONS  90 HRS.
Students learn principles of English grammar, spelling, paragraph, essay, letter, and memo writing, proofreading, and dictionary and reference manual usage.

KOF 0210  SPREADSHEETS  35 HRS.
Hand-on simulations assist students in acquiring basic skills, which include building, editing, and formatting worksheets and charts, and working with formulas and functions.

KOF 0230  OFFICE PROCEDURES  150 HRS.
Students learn filing, time-management techniques, oral and written communication skills, telecommunications information, team skills, reprographic resources, and office mechanics, using PowerPoint office software.

KOF 0250  EMPLOYMENT WORKSHOP  15 HRS.
This course prepares students to find employment related to their training. It covers networking in the job market, writing resumes, giving proper responses in an interview, and keeping a job.

KOIS 0130  TEN KEY CALCLATOR  40 HRS.
Students learn basic ten-key calculator concepts and applications using the touch method, with emphasis on attaining speed, accuracy, and skills necessary to qualify for an entry-level job.

KOIS 0140  COMPUTER CONCEPTS/WINDOWS  55 HRS.
This course teaches concepts and skills on computer basics, networks, computer security, Windows navigation and file management skills, customizing the Windows work environment, accessing the Web, and using e-mail.

KOIS 0160  KEYBOARD SKILL BUILDING  165 HRS.
This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KOIS 0170  WORD PROCESSING (MS WORD)  125 HRS.
Students will learn basic skills of using Word Processing as well as some of the most important topics of MS Word, such as: creating styles, outlines, tables, merging files, and integrating Word with other programs and the World Wide Web.

KOIS 0180  BUSINESS COMMUNICATIONS  65 HRS.
This course reviews basic principles of English grammar and style, including parts of speech, word choice, and punctuation. Students will also review spelling rules and dictionary and reference manual usage.

KOIS 0210  SPREADSHEETS (MS EXCEL)  100 HRS.
Hand-on simulations assist students in acquiring basic skills, which include building, editing, and formatting worksheets and charts, and working with formulas and functions.

KOIS 0230  WORD PROCESSING (WORDPERFECT)  70 HRS.
In this elective, students will learn basic skills of using WordPerfect including topics such as: creating styles, outlines, tables, and merging files.

KOIS 0240  POWERPOINT ELECTIVE  35 HRS.
Students learn to create and edit presentations, including inserting and editing graphics and objects, adding sound and animation, integrating PowerPoint with other programs and the World Wide Web.

KOIS 0250  ACCESS ELECTIVE  160 HRS.
Students learn how to create and maintain database tables, define table relationships, create, run, and save queries, sort and filter records, create and customize forms and reports, and publish Access objects to the WWW.

KOIS 0280  COMPUTER-ASSISTED ACCOUNTING  70 HRS.
Use of automated accounting software to reinforce/integrate basic accounting principles in a real-world simulation. Concepts include creating a company, entering, maintaining/ retrieving data from accounts/journals, & preparing reports.

KOIS 0290  EMPLOYMENT WORKSHOP  15 HRS.
Students learn job-seeking skills, resume writing, and interviewing skills necessary for job placement.

KOLL 0100  OPEN LEARNING LAB SCC OIS  0 TO 999 HRS.
An open learning class developed specifically to track the Department of Workforce Services client’s study time outside the traditional program hours.

KPDD 0100  DELIVERY DRIVER  40 HRS.
Prereq: 18 years of age, valid driver’s license, current motor vehicle report (MVR) with no more than 2 moving violations within the last two years. Prepares students to drive delivery trucks or vans with a capacity of less than 26,000 GVWR, stresses proper driving techniques, backing skills, vehicle inspections, trip planning, and preventive or minor maintenance for safe operation.
KPD 0180  DRIVING EXPERIENCE  36 HRS.
Groups of up to three students prepare for the CDL road test by practicing safe driving techniques and rules of the road with a licensed instructor.

KPD 0200  PROFESSIONAL TRUCK DRIVING-120  120 HRS.
Prereq: Motor Vehicle Report for current driving record, no DUls within past two years, current DOT medical record, Class A CDL Learner's permit, participation in random drug testing. This course is designed to give students who are sponsored by companies: backing skills, over-the-road driving practice, shifting, and other skills required by their employer. Includes the CDL road test.

KPD 0290  EMPLOYMENT WORKSHOP  0 TO 10 HRS.
Students learn job seeking skills, resume writing, and interviewing skills necessary for job placement.

KPD 0330  EXTENDED DRIVING EXPERIENCE  40 HRS.
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUls within last 2 years, current Dept. of Transportation (DOT) medical card. Students will receive extended behind-the-wheel driving time, local, freeway, up and down grades, and other driving situations as appropriate.

KPD 0450  DRIVING EXPERIENCE  24 HRS.
Prereq: Motor Vehicle Report (MVR) for current driving record, no DUls within last 2 years, current Dept. of Transportation (DOT) medical card. The student will be introduced to the safe operation, proper driving techniques, use of the foot pedals, park brake, engine brake, and other components on a tractor-trailer combination vehicle.

KPH 0107  PHARMACY CLINICALS  180 HRS.
An opportunity for students to demonstrate their administrative and clinical skills in a local pharmacy.

KPH 0109  PHARMACY TECHNICIAN CLASS  140 HRS.
An introduction to the standards and competencies necessary for certification. Discusses federal and state law related pharmacy. A basic pharmacology introduction for over 200 trade, generic and drug classifications.

KRTW 0100  READY TO WORK EMPLOY. SKILLS  40 HRS.
Students learn the critical skills employers are seeking as they select, interview, and work with employees, including the application process, communication, time management, problem solving, professionalism, and basic computer use.

KSSA 0100  ETHICS IN SOCIAL SERVICES  60 HRS.
Provides an understanding of cultural differences, ethical behavior, conduct and confidentiality working with professionals in social service settings.

KSSA 0200  HUMAN BEHAVIOR/SOC ENVIRONMENT  60 HRS.
Study of social, cultural, and environmental factors that mold human behavior from infancy to adulthood. Document observations and communicate with professionals.

KVSL 0755  VOCATIONAL ESL, BUSINESS  40 HRS.
Learn basic vocabulary to improve understanding of language related to business and strategies for expanding and polishing abilities to follow directions from instructors, texts and on-line courses.

KVSL 0756  VOCATIONAL ESL, CDL  40 HRS.
Learn basic vocabulary to improve understanding of language related to obtaining a CDL and strategies for expanding and polishing abilities to follow directions from instructors, texts and on-line courses.

KVSL 0757  VOCATIONAL ESL, HEALTH CARE  40 HRS.
Learn basic vocabulary to improve understanding of language related to Health Care and strategies for expanding and polishing abilities to follow directions from instructors, texts and on-line courses.

KVSL 0758  VOCATIONAL ESL, TRANSPORTATION  40 HRS.
Learn basic vocabulary to improve understanding of language related to auto and diesel service and strategies for expanding and polishing abilities to follow directions from instructors, texts and on-line courses.

KVSL 0759  VOCATIONAL ESL, WELDING  40 HRS.
Learn basic vocabulary to improve understanding of language related to welding and strategies for expanding and polishing abilities to follow directions from instructors, texts and on-line courses.

KWLD 0017  WELDING INTRODUCTION AND SAFETY  15 HRS.
Students learn about safety, work ethics and basic measuring tools used in welding.

KWLD 0027  SHIELDED METAL ARC WELDING  30 HRS.
Students learn stick welding. They also learn the proper settings on various brands and models of arc welders. Students learn the basics of metal cutting and setup for various welding positions.

KWLD 0037  GAS-METAL ARC WELDING  35 HRS.
Students learn the basics of fitting for MIG welding and setup for various welding positions including the proper settings and adjustments on various brands and models of MIG welders.

KWLD 0047  FLUX CORED ARC WELDING  35 HRS.
Students learn wire-feed welding using wire with a flux core and dual shield welding with flux coated wire and gas.

KWLD 0057  GAS TUNGSTEN ARC WELDING  30 HRS.
Students learn Tungsten Inert Gas (TIG) welding and the proper settings on various brands and models of arc welders and various types of metals.

KWLD 0067  OXYACETYLENE WELDING  20 HRS.
Students learn cutting and welding using oxyacetylene equipment, basics of fittings for oxyacetylene welding and setup for various welding positions.

KWLD 0077  WELDING BLUEPRINT READING  15 HRS.
Students learn welding symbols and how to read blueprints for the various welding processes.

KWLD 0115  INTRODUCTION TO WELDING & LAB SAFETY  10 HRS.
Students are provided with a general introduction to the art, science, & technology of welding. General industrial safety practices are taught.

KWLD 0125  OXY-ACETYLENE (OAW)  100 HRS.
Learn practical welding and cutting skills using the oxy-acetylene welding process on carbon steel. Safe practices and theory of OAW are taught.

KWLD 0135  SHIELDED METAL ARC (SMAW)  360 HRS.
Learn practical welding skills using the SMAW welding process on carbon steel. Safe practices and theory of SMAW are taught.

KWLD 0145  GAS METAL ARC (GMAW)  160 HRS.
Learn practical welding skills using the GMAW welding process on carbon steel and aluminum. Short circuiting and spray transfers. Safe practices and theory of GMAW are taught.

KWLD 0165  BLUEPRINT READING FOR WELDERS  100 HRS.
Basic study of blueprint reading and drawing, welding symbols (AWS & SI), and NDST symbols.

KWLD 0170  FLUX CORED ARC (FCAW)  170 HRS.
Learn practical welding skills using the FCAW welding process on carbon steel. Safe practices and theory of FCAW are taught.

KWLD 0180  GAS TUNGSTEN ARC (GTAW)  140 HRS.
Learn practical welding skills using the GTAW welding process on carbon steel, stainless steel, and aluminum. Safe practices and theory of GTAW are taught.

KWLD 0190  MATH FOR WELDERS  100 HRS.
Instruction in basic math skills needed by welders. Addition, subtraction, multiplication, and division of whole numbers, fractions, decimals, metrics, and currency. Basic geometry formulas are taught.

KWLD 0290  EMPLOYMENT WORKSHOP  0 TO 10 HRS.
Students learn job-seeking skills, resume writing, and interviewing skills necessary for job placement.

KWRK 0400  WORKPLACE RELATIONS  60 HRS.
Develop essential human relation skills needed to maintain gainful and satisfying employment, including solving problems, understanding relationships, personal ethics and interpersonal relation skills.

KWRK 0500  JOB SEEKING SKILLS  30 HRS.
Prepare students to successfully apply for a job. This course will present essential job-seeking skills needed to find gainful employment.

KWRK 0515  JOB SEEKING SKILLS  15 HRS.
Prepare students to successfully apply for a job. This course will present essential job-seeking skills needed to find gainful employment.

LAND 1110  PLUMBING/Pipefitting APPLICATIONS  5 CR.
This introductory course will put emphasis on drawing and sketching in relation to architectural drawings, isometric single-line pipe sketching, dimensioning, and working drawings.
LE 1210 LINEMAN APPRENTICE 2A 5 CR.
Prereq: LINE 1120 or departmental approval. This course is for line
apprentices. It introduces line equipment, tree trimming, and dig-
ing equipment. Students will learn about DC fundamentals and pole
top equipment and replacement.

LE 1220 LINEMAN APPRENTICE 2B 5 CR.
Prereq: LINE 1210 or departmental approval. This course is for line
apprentices. It introduces line equipment, transformers, safety and dis-
tribution. Students will learn about underground, hydraulics systems, AC
fundamentals and hand tools.

LE 2310 LINEMAN APPRENTICE 3A 5 CR.
Prereq: LINE 1220 or departmental approval. This course is for line
apprentices. It introduces compressors, transformer connections, under-
ground conduit and street lighting systems. Students learn about
distribution repair with gloves and hot sticks, and cable installation.

LE 1000 EPORFOLIOS FOR SUCCESS 1 CR.
Designed for students with no ePortfolio experience, this course helps
them develop an effective ePortfolio, upload artifacts into it, and engage
in reflective writing.

LE 1020 ESSENTIALS-COLLEGE STUDY (ID) 3 CR.
Orientation to prepare students for college study. Greater knowledge &
skills to assist in academic objectives. Nature of adult learner, planning,
testing, communication, study, library use, issues. Service learning compo-
nent likely. Certain sections taught using service-learning.

LE 1220 HUMAN RELATIONS-CAREER DEVELOPMENT (SS,HR) 3 CR.
Creative, traditional job search methods and human relation skills to find,
keep gainful employment. Self-assessment, goal setting, career review, job
sources, written goals, appearance, interviewing, diversity. Service learning
comp.

LE 1240 TUTOR CERTIFICATION 1 CR.
Basic principles of tutoring through supervised practice tutoring. Stu-
dents learn to become effective and certified tutors.

LE 1250 EFFECTIVE REVISION AND EDITING 2 CR.
Prereq: Involved in personal, academic or workplace writing Students,
individually and in groups, learn strategies to revise and edit the personal,
school and workplace writing they bring to class. They see how issues of
correctness, like grammar, spelling, punctuation, relate to their writing.

LE 1260 EFFICIENT READING 3 CR.
Prereq: Min. score of 71 on CPT reading or RDG 990 w/C. Emphasizes
improving reading speed, recall, comprehension for college-level
materials.

LE 1310 MIND, MACH., CONSCIOUSNESS (ID) 3 CR.
Explore artificial intelligence (AI) from historical, philosophical, scientific
views. Discusses what life is, current and future projections. Possible
rights of AI entity Implication of AI in all facets of life.

LE 1350 VALUES AND SELF-IMAGE (ID) 3 CR.
Explore philosophical, psychological, educational theory on values and
self-image. Assess values at beginning and end. Changes noted. Latest
techniques in use of affirmation, goal setting. Personal philosophy: Service
learning comp.

LE 1360 OPENING DIVERSE DOORS (ID, DV) 3 CR.
Course investigates needed critical reading/thinking skills in relation to
philosophical, sociological, psychological and education values in areas of
diversity consciousness (skills, awareness & understanding of diversity) in
America.

LE 1900 SPECIAL STUDIES 1 TO 3 CR.
Seminars and workshops to find appropriate field of study, develop per-
sonal skills and attitudes, explore college services, self-exploration/career
planning, job hunting, personal development.

LINE 1110 LINEMAN APPRENTICE 1A 5 CR.
This course is for line apprentices. It introduces transmission and
distribution systems. Students will learn about safety, climbing, overhead
distribution systems, tools and service installation.

LINE 1120 LINEMAN APPRENTICE 1B 5 CR.
Prereq: LINE 1110 or departmental approval. This course is for line
apprentices. It introduces metering, rigging, pole work, care and testing of
equipment, distribution. Students will learn about safety, overhead main-
tenance, pole framing and guyng.

LINE 1210 LINEMAN APPRENTICE 2A 5 CR.
Prereq: LINE 1120 or departmental approval. This course is for line
apprentices. It introduces line equipment, tree trimming, hydraulic der-
ricks and digging equipment. Students will learn about DC fundamentals
and pole top equipment and replacement.

LINE 1220 LINEMAN APPRENTICE 2B 5 CR.
Prereq: LINE 1210 or departmental approval. This course is for line
apprentices. It introduces line equipment, transformers, safety and distri-
bution. Students will learn about underground, hydraulics systems, AC
fundamentals and hand tools.

LINE 2310 LINEMAN APPRENTICE 3A 5 CR.
Prereq: LINE 1220 or departmental approval. This course is for line
apprentices. It introduces compressors, transformer connections, under-
ground conduit and street lighting systems. Students learn about
distribution repair with gloves and hot sticks, and cable installation.

LINE 2320 LINEMAN APPRENTICE 3B 5 CR.
Prereq: LINE 2310 or departmental approval. This course is for line
apprentices. It introduces troubleshooting overhead and transformers,
safety and power quality. Students will learn high-voltage AC power,
switchgear and URD transformers.

LINE 2410 LINEMAN APPRENTICE 4A 5 CR.
Prereq: LINE 2320 or departmental approval. This course is for line
apprentices. It introduces reading electrical diagrams, transformers, splic-
ing and meters. Students will learn about cable termination, troubleshoot-
ing, safety and fault location.

LINE 2420 LINEMAN APPRENTICE 4B 5 CR.
Prereq: LINE 2410 or departmental approval. This course is for line
apprentices. It introduces voltage regulators, customer relations, cable
fault locations and transformers. Students will learn troubleshooting,
circuit breakers, capacitors and reactors.

LIS 1010 INTRODUCTION TO LIBRARY SERVICES 3 CR.
Course overview information organizations. Academic, public, school,
digital, virtual, and special libraries, and library associations are discussed.
Information careers, material organization and types are overviewed.

LIS 1200 PUBLIC INFORMATION SERVICES 3 CR.
Course overview the public service areas of information centers. Refer-
ence, ILL, Media, Systems, Government Documents, Institutional
Repository, Circulation and Reserves, are discussed.

LIS 1500 LIBRARY TECHNICAL SERVICES 3 CR.
Course overview acquisition and processing. Cataloging, Collection
Development, Maintenance, and Preservation are overviewed. The DDC,
LC, and automation are examined in depth.

LIS 2021 INFO SOURCES AND SERVICES 3 CR.
Course provides an in-depth examination of information access. Informa-
tion needs, interviews, resources, query formulation, search strategy;
bibliographic records, source selection, and reference resources are covered.

LIS 2030 HUMANITIES/SOCIAL SCIENCE INFO 3 CR.
Prereq: LIS 1010. Overview of the Humanities and Social Sciences. Reli-
gion, Mythology, Visual/Performing Arts, Business, Language, Law,
Political Science, Economics, History, Sociology, Education, Anthropol-
ogy, Geography, and Communication are covered.
COURSE DESCRIPTIONS

LOG 2000  TRANSPORTATION CO-OP  1 TO 4 CR.
Prereq: Sophomore status and instructor's approval. Supervised work experience in business, industrial or governmental related to the program major. Credit is awarded for successful completion of specific learning objectives that provide new experience related to program major.

LOG 2990  TOPICS IN TRANSPORTATION  1 TO 3 CR.
Prereq: Variable to topic or project. A study of transportation policy and current topics in transportation marketing. Free trade zones, distribution strategies, import and export in a changing world are examined.

MA 1100  MEDICAL TERMINOLOGY  2 CR.
Course uses videos, supplemented lecture & covers over 350 medical word roots, suffixes, prefixes. Emphasis placed on pronunciation, spelling, proper usage of medical terminology. Medical abbreviations are also introduced.

MA 1200  MEDICAL OFFICE MANAGEMENT  4 CR.
Prereq: Proof of word processing proficiency. Medical procedures including: billing, schedules, mail, telephones, office machines, computer hardware & software. Law & ethics, charting and other procedures as pertaining to the medical office.

MA 1210  PRACTICAL MEDICAL OFFICE MGT.  2 CR.
Prereq: Concurrent with MA 1200. Practical application of MOM procedures taught in MA1200. Students must type 30wpm & demonstrate proficiency—passing all competencies outlined in the course by the end semester and before progressing to advanced medical courses.

MA 1300  CLINICAL PHARMACOLOGY  4 CR.
Prereq: MA 1100, MA 1420. Class will discuss the fate of drugs in the body including detailed information on various types of meds most commonly used in the medical office.

MA 1310  MEDICATION/PHELEBOTOMY SKILLS  2 CR.
Prereq: MA 1200/1210, MA 1420. Students apply practical applications of administration of medications, collection of blood specimens by capillary and phlebotomy methods, and administration of IV fluids. Dosage calculation includes oral, injection, & IV fluids.

MA 1420  CLINICAL PATHOLOGY I  3 CR.
SF of body systems includes cell structure and chemistry and structures of skin, musculoskeletal, and nervous systems Pathology is introduced to prepare the student for medical office triage & appropriate treatment for related disorders.

MA 1600  PATIENT CARE  2 CR.
Prereq: MA 1100, PSY 1100, MA 1420. Theory & principles concerning fundamental skills necessary for care of patients in the medical office. Practicing aseptic tech, sterilization equip, assessing vital signs, assisting with routine/specialty exams in ENT, Ortho, Neuro, Uro, Resp, Peds, OB/GYN, Geriatrics.

MA 2240  MEDICAL OFFICE COMMUNICATION  2 CR.
Prereq: MA 1100, MA 1200, MA 1210. Verbal & nonverbal communication between physician, staff, patients, and support personnel. Office correspondence using WP software, including resume, cover letters for externship, interpersonal skills, and the ADA.

MA 2300  MEDICAL CODING PROCEDURES  3 CR.
Prereq: MA 1100, MA 1420. Introduction and practice with current procedural terminology (CPT) and international classification of disease (ICD) coding procedures, HCPS for optimal reimbursements, as practiced in the medical setting.

MA 2310  ADVANCED MEDICAL CODING  7 CR.
Prereq: MA 1100, MA 1420, MA 1500 or approval. Advanced practice with the current procedural terminology (CPT) and international classification of disease (ICD-9) coding procedures, HCPS for optimal reimbursement as practiced in medical settings.

MA 2420  CLINICAL PATHOLOGY II  3 CR.
Prereq: MA 1420. SF of the endocrine, cardiovascular, renal, pulmonary, GI, and reproductive body systems. Pathology is introduced to prepare the student for medical office triage & appropriate treatment of related disorders seen in a clinical setting.

MA 2540  PRACTICAL RADIOLOGY  2 CR.
Prereq: MA 1420, MA 1600, and Instructor's approval. Theory & principles of x-ray machines, theory and practice of x-ray equipment. A survey of the production and use of x-rays, use and care of machine, proper mass KVp and tube, darkroom procedures and patient protection, discussion of licensing requirements.

MA 2550  PRACTICAL APPLICATION-RADIOLOGY  3 CR.
Prereq: Concurrent with MA 2540. Practical application of principles and theories taught in MA2540, including patient positioning for chest x-ray, extremities, pelvis and x-rays using the phantom.

MA 2600  ADVANCED PATIENT CARE  2 CR.
Prereq: MA 1420, MA 1600. Theory and principles of advanced skills for care of patient in the medical office including, EKGs, instruments id, tray set-up, patient exam, bandaging, Pt triage first aid & ortho. Lab skills, hematology, UA, OSHS regs. precaution.

MA 2610  PRACTICAL ADVANCED PATIENT CARE  4 CR.
Prereq: Concurrent w/MA 2600, MA 1310. Application of practical skills taught in MA2600. Competencies include recording ECG, assisting with office surgeries, maintain a sterile field, laboratory testing of blood, urine, & body fluids, applying nutrition principles.

MA 2810  MEDICAL ASSISTANT EXTERNSHIP  4 CR.
Prereq: Successful completion of all required courses w/75%. Students are placed into a health care facility for 200 hrs. unsupervised extern. Students to perform procedures learned in the program. Students are evaluated twice during the externship. Students must return all pages for grades.

MA 2990  SPECIAL STUDIES IN RADIOLOGY  2 TO 6 CR.
Prereq: MA 2540, MA 2550 or instructor's approval. Study of anatomy, proper patient positioning, setting tech factors and evaluation of radiographs of the cervical, thoracic and lumbar spine, skulls and paranasal cavities. Credits: 1 for skull, 1 for spine, 1 for paranasal sinuses.

MATH 0900  BASIC MATHEMATICS  3 CR.
An introduction to basic mathematics, including operations with whole numbers, fractions, decimals, proportions, and percentages.

MATH 0915  FRACTIONS WORKSHOP  1 CR.
Designed to be a refresher course in basic operations with fractions, including application problems and signed numbers.

MATH 0920  DEVELOPMENTAL MATH  6 CR.
Includes whole numbers, fractions, decimals, proportions, percents and basic geometry. It also includes integers, linear equations, polynomials, and graphing. Computer assisted instruction is available.

MATH 0925  PRE-ALGEBRA WORKSHOP  1 CR.
Supplements MATH 0920 or MATH 0950. Reviewed are basic operations with whole numbers, fractions and decimals, geometric formulas, ratio, proportions, and percents, as well as signed numbers, solving equations, polynomials and other algebraic concepts.

MATH 0950  PRE-ALGEBRA  3 CR.
Prereq: A C or better in MATH 0900 or appropriate CPT score. Includes integers, linear equations, polynomials, and graphing. It also includes a review of fractions, decimals, and percents. Computer-assisted instruction is available. Course may include a service-learning component.

MATH 0955  PRE-ALGEBRA WORKSHOP  1 CR.
Supplements MATH 0920 or MATH 0950. Reviewed are basic operations with whole numbers, fractions and decimals, geometric formulas, ratio, proportions, and percents, as well as signed numbers, solving equations, polynomials and other algebraic concepts.

MATH 0990  ELEMENTARY ALGEBRA  4 CR.
Prereq: MATH 0950 OR MATH 0920, C or better, or CPT Elem. Algebra score of 40-53 AND CPT Arithmetic score of 75 or higher OR ACT score of 15 or better. Includes linear equations, systems, polynomials, factoring, graphing, and inequalities. It also includes rational and radical expressions and equations. Computer-assisted instruction is available.

MATH 0995  ELEMENTARY ALGEBRA WORKSHOP  1 CR.
Prereq: Concurrent with MATH 0990. Designed to be a supplement to MATH 0990. Includes linear equations, systems, polynomials, factoring, & inequalities. Also includes rational and radical expressions and equations.
MATH 1001 LINEAR EQUATIONS WORKSHOP 1 CR.
Prereq: This course is for students who have successfully completed an
introductory algebra course, such as MATH 0990, with a grade of C or better,
or otherwise qualify by virtue of acceptable CPT or ACT scores
achieved within past year. This course is designed to be a refresher course
in linear equations, including application problems.

MATH 1002 QUADRATIC EQUATIONS WORKSHOP 1 CR.
Prereq: This course is for students who have successfully completed an
introductory algebra course, such as MATH 0990, with a grade of C or better,
or otherwise qualify by virtue of acceptable CPT or ACT scores
achieved within past year. This course is designed to be a refresher course
in quadratic equations and related application problems.

MATH 1003 EXP. & LOG. EQUATIONS WORKSHOP 1 CR.
Prereq: This course is for students who have successfully completed an
introductory algebra course, such as MATH 0990, with a grade of C or better,
or otherwise qualify by virtue of acceptable CPT or ACT scores
achieved within past year. This course is designed to be a refresher course
in exponential and logarithmic equations, scientific notations and related
application problems.

MATH 1010 INTERMEDIATE ALGEBRA (QS) 4 CR.
Prereq: RDG 0900. Within the last year, one of the following: MATH
0990 with C or better or appropriate CPT score. Linear and quadratic
equations, inequities, polynomials, rational expressions, radicals, negatives
and rational exponents, complex numbers, linear systems, introduction to
functions, logarithms, and exponential functions.

MATH 1015 INTERMEDIATE ALGEBRA WORKSHOP 1 CR.
Prereq: Concurrent enrollment in a MATH 1010 class. This course is
optional, it is a supplement to MATH 1010. It provides a review of topics
in MATH 1010 and additional practice on problem solving through col-
laborative learning.

MATH 1020 MATH HEALTH DISCIPLINES (QS) 3 CR.
Prereq: RDG 0900. Either (1) a grade of C or higher in MATH 0910 or
MATH 0910 or (2) CPT placement into MATH 0910 or higher. Please
contact the testing center for information on the CPT Placement Test.
A general review of mathematics, dimensional analysis, apothecary,
household, and metric systems and conversions, drug dosage and
intravenous fluid calculations, acid-base balance, and pharmacokinetics.

MATH 1025 MATH REVIEW IN PHARMACOLOGY 1 CR.
Prereq: C- or better in MATH 1020. This optional course is designed to
provide a review of topics in Math 1020 and additional practice on
problem solving related to the health discipline.

MATH 1030 QUANTITATIVE REASONING (QL) 3 CR.
Prereq: RDG 0900. Within the last year, one of the following: MATH
1010 with C or appropriate CPT score. The course focuses on the develop-
ment of analytical thinking through the application of math to real-life
problems. Topics include modeling, logic, financial math, probability, sta-
tistics, and geometry.

MATH 1040 INTRODUCTION TO STATISTICS (QL) 3 CR.
Prereq: RDG 0900. Within the last year, one of the following: MATH
1010 with C or appropriate CPT score. Descriptive and inferential statisti-
cal methods. Emphasis on sampling design, descriptive statistics, linear
regression & correlation, probability, sampling distributions, hypothesis
testing and confidence intervals.

MATH 1048 TECHNICAL MATH I 3 CR.
Prereq: Within the last year, one of the following: MATH 1010 with a C or
better, CPT score of 22 or better, CPT score of 43 on the college algebra
section. Scientific notation, systems of units, linear equations, system.

MATH 1050 COLLEGE ALGEBRA (QL) 4 CR.
Prereq: RDG 0900. Within the last year, one of the following: MATH
1010 with C or better or appropriate CPT score. College Algebra satisfies
quantitative literacy requirements for students planning to take calculus.
Topics: polynomial, rational, exponential, and logarithmic functions,
matrices, conics, sequences and series, and mathematical induction.
Certain sections taught using service-learning.

MATH 1055 COLLEGE ALGEBRA WORKSHOP 1 CR.
Prereq: Concurrent with MATH 1050. An optional course that is a supple-
ment to MATH 1050. It provides a review of topics in MATH 1050 and
additional practice on problem solving through collaborative learning.

MATH 1058 TECHNICAL MATH II 3 CR.
Prereq: Within the last year, one of the following: MATH 1048 with C or
better, CPT score of 70 on the college algebra section. Angles, right tri-
gle trigonometry, amplitude, period, phase shift, identities, trig
functions and inverse trig functions, oblique triangles, polar coordinates,
vectors, complex numbers, conics, includes major-specific modules.

MATH 1060 TRIGONOMETRY 3 CR.
Prereq: RDG 0900. Within the last year, one of the following: MATH
1050 with C or appropriate CPT score. Trigonometric functions and their
graphs developed using circular and triangular methods including inverses,
polar coordinates, and an introduction to vectors.

MATH 1065 SURVEY OF PRE-CALCULUS 3 CR.
Prereq: MATH 1060 with C or better or department approval. A refresher
course for those who need a review of MATH 1050 and MATH 1060
before taking Calculus. This course does not satisfy the quantitative liter-
acy requirement for transfer students nor is it a required course for any
program.

MATH 1090 COLLEGE ALGEBRA-BUSINESS (QL) 3 CR.
Prereq: RDG 0900. Within the last year, one of the following: MATH
1010 with C or appropriate CPT score. Topics include: graphs, linear,

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MATH 2280 DIFFERENTIAL EQUATIONS 4 CR.
Prereq: MATH 2270 with a C or above. Linear and nonlinear differential equations, systems of equations, phase-plane analysis, initial & boundary value problems, bifurcation analysis, Laplace Transforms, series solutions and numerical methods. Includes computer projects.

MATH 2900 SPEC TOPICS 1 TO 3 CR.
Special topics in Mathematics

MCCT 1500 MANUAL MACHINING 2 CR.
Prereq: Concurrent with MAT 1510 or MAT 1510 Basic machine shop theory including operation and performance of lathes and mills.

MCCT 1510 MANUAL MACHINING LAB 1 CR.
Prereq: Concurrent with MAT 1500 Laboratory application of manual machine shop principles taught in MAT1500 including lathes and mills.

MCCT 1570 CAD/CAM 2 CR.
Prereq: EDDT 1040, MAT 1500, MAT 1510. CNC programming using CAD/CAM software to build solid models and the code to drive the cutter paths. Students will gain experience in the machinist role of industry as they work on a project as members of a design team that includes manufacturing and design students.

MCCT 1600 CNC MACHINE THEORY 2 CR.
Prereq: Concurrent with MAT 1610 Basic CNC machine Shop theory including G & M Programming, operation, and performance of CNC lathes and mills.

MCCT 1610 CNC MACHINING LAB 1 CR.
Prereq: Concurrent with MAT 1600 Laboratory application of principles taught in MAT1600 including programming and operation of CNC lathes and mills.

MCCT 2650 CAD/CAM 2 CR.
Prereq: EDDT 2540 or with EDDT 2540, EDDT 2600. Design using CAD/CAM software. Students will gain experience in the engineering/designer role in industry as members of a project design team in collaboration with machining students. Includes assembly design, documentation, tolerance studies and inspection.

MEEN 1050 DESIGN & VISUAL COMMUNICATIONS 3 CR.
The design process, sketching, three-dimensional visualization and communication, engineering drawing, CAD systems, data presentation and computer graphics are discussed in this class. Prereq: Drafting experience or education

MEEN 2000 COOPERATIVE EDUCATION 1 TO 2 CR.
A supervised work experience in a business, industrial or government related to the program major. Credit is awarded for successful completion of specific learning objectives that provide new learning related to the major. Prereq: Sophomore standing with a C or GPA and approval

MEEN 2010 STATICS 3 CR.

MEEN 2020 DYNAMICS I 2 CR.
Prereq: MEEN 2010. Position, velocity and acceleration, vector calculus, particle kinematics, kinetics of particles, including Newton's Laws, conservation of momentum and energy, and impact vibratory motion of particles are covered.

MEEN 2060 DYNAMICS II 2 CR.
Prereq: MEEN 2020, MATH 2220. This course examines Kinetics & Kinematics of rigid bodies in 2-D and 3-D motion. It also covers moving frames, 3-D mass moment of inertia, conservation of momentum, energy, impact and an introduction to vibration analysis of mechanical systems.

MEEN 2140 STRENGTH OF MATERIALS I 2 CR.
Prereq: MEEN 2010, concurrent w/ MEEN 2145 and MATH 2250. Internal forces in members, concept of stress and strain, axial loading, Hooke's Law, torsion, pure bending, traverse loading, transformations of stress and strain, pressure vessels, beam deflection and column bending are discussed.

MEEN 2145 STRENGTH OF MATERIALS LAB 1 CR.
Prereq: Concurrent with MEEN 2145. This is an introductory laboratory in mechanical behavior of materials using basic testing methods and instrumentation, column bending, tension and compression of metals, concrete failure, Charpy's Impact, and creep tests.

MEEN 2300 ENGINEERING THERMODYNAMICS 2 CR.
Prereq: CHEM 1210, MATH 1220, and PHYS 2210. First and second law of thermodynamics, internal energy, enthalpy, entropy and open and closed systems are covered. Engineering cycles including Carnot, Otto, Diesel, Brayton and Refrigeration are introduced.

MEEN 2450 NUMERICAL METHODS 2 CR.
Prereq: ENGR 1040, MATH 2250. Concurrent with MATH 2210 suggested but not required. Numerical techniques used in engineering computing, including: convergence, error accumulation, roots, solution of linear and nonlinear equations, numerical integration and differentiation, and solutions to differential equations.

MEEN 2650 ENGINEERING MANUFACTURING WITH LAB 4 CR.
Prereq: MEEN 2010, MEEN 2140. Structures and properties of ferrous and nonferrous materials, casting, forging, welding, heat treating, machining, grinding, numerical control, robotics, and economic analysis will be covered.

MEEN 2900 SPECIAL TOPICS-MECH. ENGINEERING 1 TO 3 CR.
Special Topics in Mechanical Engineering

MET 1010 INTRODUCTION TO METEOROLOGY (PS) 3 CR.
Meteorology introduces the characteristics and dynamics of the atmosphere and their daily application. Food, clothing, shelter, economics, & recreational activities are representative samples of human activities affected by climate.

METE 1110 METER APPRENTICE 1A 5 CR.
This course is for meter apprentices. It introduces electrical principles and principles of magnetism AC concepts. Students will learn about atomic structure, electrical qualities, Ohm's Law, resistors, parallel circuits, trigonometry and alternating current.

METE 1120 METER APPRENTICE 1B 5 CR.
Prereq: METE 1110 or departmental approval. This course is for meter apprentices. Students will learn about math for metering, safety, watt hour meter principles and wire tables.

METE 1210 METER APPRENTICE 2A 5 CR.
Prereq: METE 1120 or departmental approval. This course is for meter apprentices. Students will learn about meter watt hour constants, register ratios and formulas. Also covers principles of accuracy testing, meter testing and calibration.

METE 1220 METER APPRENTICE 2B 5 CR.
Prereq: METE 1210 or departmental approval. Students will learn about single phase meter application & installation, polyphase power systems & meter application, meter testing & calibration, instrument transformers, testing single phase transformers, and Blondel's Theorem.

METE 2310 METER APPRENTICE 3A 5 CR.
Prereq: METE 1220 or departmental approval. This course is for meter apprentices. Students will learn about self contained polyphase meter testing and polyphase transformer related application. The course also covers demand metering concepts.

METE 2320 METER APPRENTICE 3B 5 CR.
Prereq: METE 2310 or departmental approval. This course is for meter apprentices. Students will learn about testing and calibrating demand meters, meter mounting devices and test switches. The course also covers reactive metering and reactive meter testing.

METE 2410 METER APPRENTICE 4A 5 CR.
Prereq: METE 2320 or departmental approval. This course is for meter apprentices. Students will learn about totalizing meters, installation checks & inspections, and customer relations. The course also covers solid state meters and associated devices.

METE 2420 METER APPRENTICE 4B 5 CR.
Prereq: METE 2410 or departmental approval. This course is for meter apprentices. Students will learn about energy diversion, troubleshooting techniques & pulse initiators & recorders. The course also covers electronic metering, register programming and computers.

MG 1020 DISTRIBUTION SYSTEMS 3 CR.
Principles of transportation systems, understanding the economic, political and social functions of transportation in the economy. Inflow, outflow, warehousing and their role in the physical distribution process is taught.

MG 1100 SMALL BUSINESS MANAGEMENT 3 CR.
Meet needs of ATE programs in Small Business Management. Educates students in Vocational programs about small business management/ownership fundamentals. Curriculum learning will be industry specific.
MGT 1600  MANAGEMENT ESSENTIALS  3 CR.
Focus on management essentials for entry-level managers. Emphasis on management concepts and functions, also motivation, leadership, team building. Includes casework, presentations, group work and exams.

MGT 2000  BUSINESS MANAGEMENT CO-OP ED  1 TO 3 CR.
Prereq: Sophomore standing, 2.0 GPA, related employment Supervised work experience in business, industrial or government environment related to program major. Credit for specific learning objectives that provide new learning that is related to program major.

MGT 2020  ENTREPRENEURSHIP  3 CR.
Prereq: BUS 1050, MKTG 1030, ACCT 1210. Introduction to small business planning, capitalization, borrowing, taxes, purchasing, personnel, organization and location. Students will complete a business plan with strategic, marketing and financial components.

MGT 2040  BUSINESS STATISTICS I  4 CR.
Prereq: BUS 1050, MATH 1010 or FIN 1380, and CIS 1020. Collection, analysis, and interpretation of business and economic data. Includes measures of location and dispersion, estimation and hypothesis testing, ANOVA, contingency tables, correlation, and regression. Computer for projects/cases.

MGT 2050  LEGAL ENVIRONMENT OF BUSINESS  3 CR.
Prereq: BUS 1050 Principles of business law, including torts, contracts, agency and commercial law. Business forms including sole proprietorship, partnerships and corporations are explored along with common legal problems encountered in business.

MGT 2070  HUMAN RESOURCE MANAGEMENT  3 CR.
Prereq: BUS 1050. Management issues inherent to developing human potential within organization. Practical application projects: process job analysis, recruitment, selection, performance appraisals, development, reward systems, benefits, separations.

MGT 2080  EMPLOYMENT LAW  3 CR.
Prereq: BUS 1050 Employment laws including CRA ’64, CRA ’91, ADA, ADEA, FLSA. Supreme court decisions, legislation, executive orders and regulations examined relevant to organizational topics, processes and management decisions.

MGT 2350  BUSINESS STATISTICS II  3 CR.
Prereq: MGT 2040, MATH 1050 or MATH 1090. Analytical methods for decision making in business. Topics include hypothesis testing, ANOVA, design of experiments, goodness-of-fit, multiple-regression, statistical process control, and Six-Sigma as a unifying framework. Computer cases are essential part of this course.

MGT 2500  STRATEGIC MANAGEMENT PRINCIPLE  3 CR.
Prereq: BUS 2010, MGT 2070. Management theories and functions explored in greater depth. Discussion focused on theory and practicality of change in business today. Implementation and consequences of management decisions and communication emphasized.

MGT 2600  INTERNATIONAL TRADE/BUSINESS  3 CR.
Prereq: BUS 1050 or ECON 2020. International business from a practitioner’s perspective. Emphasis on exporting/importing, financing, sources and commercial paper, export credit insurance, export trading companies, mechanics of foreign freight shipping & payments.

MGT 2700  PRODUCTION & OPERATIONS MGMT.  3 CR.
Prereq: MATH 1050 OR MATH 1090 AND MGT 2340 AND MGT 2350. Deals with the management of an organization’s productive resources or its production system. The strategic, operating & control decisions required to create products & services, and computer applications & related models will be covered.

MGT 2710  QUALITY CONTROL & SIX SIGMA  3 CR.
Prereq: MGT 2340 and MGT 2350. Due to recent globalization and increasing customer quality requirements, the need for high quality/low cost products & services is critical to survival in today’s business. Course covers Six Sigma quality concepts, including the DMAIC process.

MGT 2720  SUPPLY CHAIN DESIGN & MGMT.  3 CR.
Prereq: MGT 2700. Focus is on the design, analysis and management of supply chain networks business entities use to acquire, produce, & deliver goods & services globally, & on decision support systems as the connector of supply chain integration.

MGT 2730  LEAN PRODUCTION  3 CR.
Prereq: MGT 2700 and MGT 2710. Focus is on identifying & eliminating waste from business processes. Topics include seven types of waste, waste elimination, value stream mapping, cycle time reduction, & the relationship between lean production, total quality & Six Sigma.

MGT 2740  LOGISTICS & E-BUSINESS  3 CR.
Prereq: MGT 2700, MGT 2720. Students develop an understanding of concepts, methods and design of global supply chain networks. Covers global perspectives of global competition, Global sourcing, Global Service Issues, & E-Business as it relates to globalization.

MGT 2960  ENTREPRENEURSHIP FORUM  1 CR.
Speakers selected from successful business owners across Wasatch Front will share experiences in business. Students are given the benefit of wisdom acquired through the school of hard knocks.

MGT 2990  CURRENT TOPICS IN MANAGEMENT  1 TO 3 CR.
Prereq: Variable. Course will vary semester to semester, will present a forum where students will be introduced to topics of current interest and worth in the field of management.

MGT 2999  CURRENT TOPICS  1 TO 3 CR.

MKTG 1010  CUSTOMER SERVICE (HR)  2 CR.
This course studies the basic service skills in business. It looks at the management of conflict, stress, professionalism, time management, and telephone usage. It deals with internal & external customer service concepts.

MKTG 1030  INTRODUCTION TO MARKETING  3 CR.
Students receive a basic understanding of marketing principles and consumer-to-business relationships that influence consumer behavior. This course may be taught with a service-learning component.

MKTG 1050  CONSUMERISM (ID)  3 CR.
This course explores marketing from the consumer’s perspective. Students will learn to critically evaluate messages communicated through marketing media and determine the impact on individual behavior and society as a whole.

MKTG 1070  PROMOTION  3 CR.
Concentration on the promotional mix of advertising, publicity, personal selling and sales promotion. Creativity, planning, and budgeting skills are established through development of a promotional campaign.

MKTG 1300  BUSINESS PRESENTATIONS  2 CR.
Prereq: CIS 1020 or competency test. This course explores visual and oral communication methods which focus on professional presentation skills and their application to the field of business, while offering a variety of presentations methods.

MKTG 1480  SALES  3 CR.
Emphasis is placed on sales pre-approach, needs, benefits, objections and closes. Students experience basic techniques through participation in a series of simulated sales calls.

MKTG 1900  SPECIAL PROJECTS (DEX)  2 CR.
Students apply business management techniques and strategies to a variety of projects and activities. Four basic objectives: vocational understanding, leadership development, civic consciousness and social intelligence. Includes a service component.

MKTG 1910  EVENT MARKETING  3 CR.
This course focuses on planning and implementing events such as trade shows, conferences and large promotions. A group student project will bring community members on campus for a one-day event.

MKTG 1960  PROFESSIONALISM IN BUS. (HR)  3 CR.
This course provides a study of interpersonal and business survival skills including human relations, communication, motivation, self-disclosure, team building, transactional analysis, coping with change, and much more. Includes a service learning component.

MKTG 2000  MARKETING CO-OP EDUCATION  1 TO 3 CR.
Prereq: Sophomore status and instructor’s approval. Students use in-class and on-the-job training for college credit and a regular salary. This is program-related work in the major field. Credit is awarded for completion of specific learning objectives in the program major.
MKTG 2100  MARKETING INFO MANAGEMENT   3 CR.
Prereq: MKTG 1030. Students learn the methods of gathering data to make marketing decisions, using various tools to develop questionnaires, set up focus groups, and analyze data for marketing decision-making.

MKTG 2120  PRODUCT AND PRICING STRATEGIES   3 CR.
Prereq: MKTG 1030. As a group project, students will develop a new product or service. Students will apply the concepts of market research, packaging, design, pricing, distribution, etc. Completion of the project includes a presentation of the product.

MKTG 2350  CONSUMER & BUSINESS MARKETING   3 CR.
Prereq: MKTG 1030. Students research & apply retail concepts of merchandise management, assortment, pricing, visuals, etc. Planning, distribution support functions, selling, advertising & promotion in business to business marketing, and regular retail business operations.

MKTG 2400  INTERNATIONAL MARKETING   3 CR.
Prereq: MKTG 1030. ECON 2200 Students learn the unique issues facing marketing professionals doing business in the global marketplace. Students develop strategies for dealing with cultural and language differences encountered in international marketing.

MKTG 2500  PRINCIPLES OF MARKETING   3 CR.
Prereq: MKTG 1070, MKTG 2370, MKTG 2100. This is a synthesis of marketing theory and practical application of marketing techniques to strategic planning and marketing plan management.

MKTG 2810  E-COMMERCE DESIGN/IMPLEMENT   3 CR.
Prereq: MKTG 1030, MKTG 1480 or concurrent Students will enhance skills by designing and managing an E-commerce project using skills from sales fundamentals and marketing, accounting, customer service, CIS, and general business management.

MKTG 2990  CURRENT TOPICS IN MARKETING   1 TO 3 CR.
Prereq: Variable to topic or project. Students develop special projects related to topics

MLS 101  INTRODUCTION TO LEADERSHIP I   2 CR.
Acquaints students with leadership, management, and life skills. Builds self-confidence through Army adventure training. Introduces students to the Army culture and lifestyle through basic soldier skills.

MLS 102  INTRODUCTION TO LEADERSHIP II   2 CR.
Continued leadership development and confidence building through practical exercises.

MLS 1050  PHYSICAL READINESS   1 CR.
A concentrated physical training program to prepare students for the rigors of military service.

MLS 2010  FOUNDATION OF LEADERSHIP I   3 CR.
Prereq: MLS 1020. Development of leadership and management skills through practical exercises, adventure training, and basic military training.

MLS 2020  FOUNDATION OF LEADERSHIP II   3 CR.
Prereq: MLS 2010. Continued progressive development of leadership and management skills. Implementation of decision-making procedures in a classroom and field environment. Practical application in leadership principles.

MLS 2950  BASIC INDEPENDENT STUDY   2 TO 3 CR.
A course of study that combines key elements of MLS 1000/2000 level courses. The purpose is to qualify students for advanced course. This course is for students who have missed one semester of MLS 1000/2000 level classes.

MORT 1010  INTRODUCTION TO MORTUARY SCIENCE   3 CR.
Introductory course to mortuary science including studies of ancient/historical development, caskets/burial cases, early anatomists/undertakers and their role in history/embalming. Basic equipment/practical embalming theory will be taught.

MORT 1200  MORTUARY LAW & ETHICS   3 CR.
Business/legal principals affecting mortuary practice will be surveyed with specific emphasis on forms of business organization, law of sales, funeral disclosure rules, legal duties of funeral service provider. Ethics emphasized.

MOTO 1111  ENGINE FUNDAMETALS & REPAIR   3 CR.
Prereq: Concurrent with MOTO 1112. A comprehensive program consisting of safety, proper use of shop tools, fasteners, fuels, lubricants & coolants, 2 & 4 stroke engine theory, proper use of reference materials, and physical principles of engine operation.

MOTO 1112  ENGINE FUND. & REPAIR LAB   6 CR.
Prereq: Concurrent with MOTO 1111. Hands-on component of the fundamentals learned in MOTO 1111.

MOTO 1121  MOTORCYCLE/OPE ELECTRICAL   1 CR.
Prereq: concurrent with MOTO 1122. This course will train technicians in electrical theory and proper diagnosis and repair of chassis harnesses, charging, starting and lighting systems. Students will also be taught trailer wiring.

MOTO 1122  MOTORCYCLE/OPE ELECTRICAL LAB   2 CR.
Prereq: Concurrent with MOTO 1121. Hands-on component of fundamentals learned in MOTO 1121.

MOTO 1131  M/C & OPE ENGINE PERFORMANCE   2 CR.
Prereq: Concurrent with MOTO 1132. A course to teach carburetor, fuel injection and ignition theory, diagnostic, repair and tuning.

MOTO 1132  M/C & OPE ENGINE PERFOR LAB   3 CR.
Prereq: Concurrent with MOTO 1131. Hands-on component of fundamentals learned in MOTO 1131.

MOTO 1141  M/C & OPE DRIVE TRAIN/CHASSIS   2 CR.
Prereq: Concurrent with MOTO 1142. This course is designed to teach technicians transmissions (both belt and gear), clutch, final drive, brake, and suspension system diagnosis and repair.

MOTO 1142  M/C & OPE DRIVE TRAIN LAB   5 CR.
Prereq: Concurrent with MOTO 1141. Hands-on component of fundamentals learned in MOTO 1141.

MSE 2000  COOPERATIVE EDUCATION   1 TO 2 CR.
Prereq: Sophomore Standing w/minimum 2.0 GPA and approval. This is a supervised work experience in a business, industrial or government environment, related to the program major. Credit is awarded for successful completion of specified learning objectives.

MSE 2010  INTRODUCTION TO MATERIALS SCIENCE ENGINEERING   4 CR.
Prereq: CHEM 1220 An introduction to materials science for majors. The five material categories, metals, ceramics, polymers, composites, semiconductors are introduced. Concepts are reinforced in laboratory experiences.

MSE 2160  ELEMENTS OF MATERIALS SCI ENGINEERING   3 CR.
Prereq: CHEM 1210. The five classes of materials, metals, ceramics, polymers, composites & semiconductors are introduced. The effect of structure on material properties is explored on both the macroscopic and microscopic level.

MSE 2170  ELEM OF MATERIAL SCIENCE FOR CIVIL ENGINEERING   1.5 CR.
Prereq: CHEM 1210 Five classes of materials (metals, ceramics, polymers, composites & semiconductors) are introduced. The effect of structure on material properties is explored on both the macroscopic and microscopic level. For civil Engineering majors.

MSE 2210  ELECTRONIC PROP. OF MATERIALS   3 CR.
Prereq: CHEM 1220, MSE 2010, PHY 2220 physics and fabrication of semiconductor devices including silicon integrated circuits, superconducting magnetic and dielectronix materials will be studied.

MSE 2410  INTRODUCTION TO POLYMERS   3 CR.
Prereq: CHEM 1220, MSE 2010 commercial polymers will be introduced. Students will obtain an awareness and working understanding of the broad field of polymer science.

MSE 2900  SPECIAL TOPICS-MAT. SCIENCE ENGINEERING   1 TO 3 CR.
Special topics in Materials Science and Engineering

MUSC 0990  RECITAL ATTENDANCE   0 CR.
Attendance at departmental recitals during the semester. Required for all music majors.

MUSC 1010  INTRODUCTION TO MUSIC (FA)   3 CR.
An introductory survey of Western music from chant to jazz highlighting major contributions from the Middle Ages, Renaissance, Baroque, Classical, Romantic, 20th Century and American musical styles.

MUSC 1030  SURVEY OF JAZZ (FA)   3 CR.
A chronology of jazz from its roots in blues and ragtime to swing, bebop, fusion, and funk.

MUSC 1040  U.S. MUSIC & CULTURE   3 CR.
A survey of music in the United States exploring the diverse musical traditions of this country. Students will apply listening and analytical skills to understand current topics of diversity in American culture as they relate to music.
MUSC 1050 - Songwriting I 2 CR.
Instruction in basic songwriting skills including song forms, melody, chords, lyrics and basic arranging. Students will write an original song by semester's end.

MUSC 1060 - Songwriting II 2 CR.
Prereq: MUSC 1050 or instructor approval. Continued instruction in basic songwriting skills building on those skills learned in Songwriting I. Students will write several songs in a workshop setting during the course of the semester.

MUSC 1090 - Bridging the Arts (FA) 3 CR.
Course examines the interconnectedness of art, dance, music, and theatre by investigating the artistic elements and common thread within the creative process to develop an informed appreciation for one’s own artistic values.

MUSC 1100 - Introduction to Music Theory 2 CR.
Music fundamentals course. Materials to be covered: Basic music notation, rhythm, meter, pitch, chord construction and simple chord progressions.

MUSC 1110 - Music Theory I 3 CR.

MUSC 1120 - Music Theory II 3 CR.
Prereq: MUSC 1110 with C grade, music majors must also register for MUSC 1140 concurrently 2nd semester of a 4-semester series. Topics to be covered: phrase structure, period forms, non-chord tones, diatonic seventh chords, and secondary dominant and leading-tone chords.

MUSC 1130 - Sight Singing/Ear Training I 1 CR.
Prereq: Concurrent with MUSC 1110. First semester of a four-semester series. Development of aural skills, including sight singing and dictation of rhythms, melodies, and harmonic progressions. Music majors must take Music Theory I (MUSC 1110) concurrently.

MUSC 1140 - Sight Singing/Ear Training II 1 CR.
Prereq: MUSC 1130 with C or better, concurrent with MUSC 1120. Second semester of a four-semester series. Continued development of aural skills, building on those learned in SS-ET I. Music majors must take this course concurrently with Music Theory II (MUSC 1120).

MUSC 1145 - Introduction to Piano 2 CR.
Beginning piano instruction in a group setting for non-music majors.

MUSC 1150 - Group Piano I 1 CR.
First semester of beginning piano instruction in a group setting for music majors.

MUSC 1160 - Group Piano II 1 CR.
Prereq: MUSC 1150 or instructor approval. Second semester of beginning piano instruction in a group setting for music majors.

MUSC 1310 - Group Voice 2 CR.
Individual student vocal skills developed in a group setting. Music fundamentals are introduced.

MUSC 1350 - College Chorale 1 CR.
A non-audition choir. Teaches choral singing skills. Open to all students who would like to sing. May be repeated for credit.

MUSC 1360 - College Chorale 0 CR.
Same as MUSC 1350 with no credit. Special fee required.

MUSC 1370 - Concert Choir 1 CR.
Prereq: Audition. A large four-part select ensemble that specializes in large choral/orchestral works by major composers. Participation in Concert Choir meets the ensemble requirements for a music degree and may be repeated for credit.

MUSC 1380 - Chamber Singers 1 CR.
Prereq: Audition. A select mixed-voice chamber choir that performs smaller works from all stylistic periods. Concurrent participation in Concert Choir is a requirement for membership in Chamber Singers. May be repeated for credit.

MUSC 1390 - South City Jazz 1 CR.
Prereq: Audition. A highly select vocal ensemble devoted to performing contemporary music of exceptional quality. Concurrent participation in Concert Choir is a requirement for membership in South City Jazz. May be repeated for credit.

MUSC 1450 - Band 1 CR.
A pep band for basketball and other College activities.

MUSC 1460 - Chamber Orchestra 1 CR.
Prereq: Audition. A chamber orchestra that performs music of a variety of styles at various College functions.

MUSC 1470 - Jazz Band 1 CR.
Prereq: Audition. A jazz band that will work on individual skills and ensemble jazz performance.

MUSC 1480 - Guitar Ensemble 1 CR.
Prereq: Audition. A performing guitar ensemble for intermediate to advanced students.

MUSC 1500 - Music and Technology (HT) 3 CR.
Explores the influence of technology on musical creation and introduces students to current music-related technologies, including digital audio recording, MIDI, music notation software, computer-aided music instruction, etc.

MUSC 1515 - Basic Audio Production 3 CR.
A broad overview of sound, sound systems, recording, and live sound reinforcement providing basic training in the physics of sound and the hardware and systems used to control and record it. No prerequisites.

MUSC 1520 - Introduction to MIDI/AM11E1 Music Comp 3 CR.
Introduction to electronic instruments, incl. synthesis & sampling; digital communication between electr. musical devices (MIDI), basic principles of music comp. & performance for electronic instruments and computer-based arranging.

MUSC 1540 - MIDI II/Media Music Comp 3 CR.
Prereq: MUSC 1520 or instructor approval. Continued instruction in music composition using computers and MIDI-compatible elec. instru. introduces students to professional-type projects.

MUSC 1610 - Group Guitar I 2 CR.
Beginning guitar in a group setting. Includes basic chords in open position, strumming, finger style accompaniment patterns, standard notation, transposition and construction of chord progressions.

MUSC 1620 - Group Guitar II 2 CR.
Prereq: MUSC 1610. Intermediate level guitar in a group setting. Includes chords with added bass notes, bar chords, single note melodies, combining notes and chords, tablature and improvisation.

MUSC 1650 - Fretboard Theory I 2 CR.
Music theory for guitar. Includes scales, intervals, triads, seventh chords, harmonizing simple melodies and basic rhythm reading.

MUSC 1670 - Fretboard Theory II 2 CR.

MUSC 1710 - Private Guitar 1 CR.
Twelve individual one-half hour guitar lessons. Additional fee is required.

MUSC 1730 - Private Piano Instruction 1 CR.
Twelve individual one-half hour piano lessons for nonbeginning pianists. One hour daily practice is required. Additional fee is required.

MUSC 1750 - Private Voice 1 CR.
Twelve individual one-half hour voice lessons. Students study proper vocal production, technique and development in several styles of literature. Additional fee is required.

MUSC 1770 - Private Percussion 1 CR.
Twelve individual half-hour percussion lessons. Additional fee is required.

MUSC 1900 - Special Studies 1 to 3 CR.
Prereq: Instructor approval. Students plan their areas of work or performance with the instructor on an individual basis.

MUSC 2110 - Music Theory III 3 CR.
Prereq: MUSC 1120 with C grade, music majors must also register for MUSC 2130 concurrently 3rd semester of a 4-semester series. Materials to be covered: chromatic harmony, modulation techniques, basic formal analysis.

MUSC 2120 - Music Theory IV 3 CR.
Prereq: MUSC 2110 with C grade, music majors must also register for MUSC 2140 concurrently 4th semester of a 4-semester series. Material to be covered: advanced chromatic harmony, impressionism and 20th century theory including set theory, serialism, etc.

MUSC 2130 - Sight Singing/Ear Training III 1 CR.
Prereq: MUSC 1140 with C or better, concurrent with MUSC 2110. Third semester of a four-semester series. Continued development of aural skills, building on those learned in SS-ET I & II. Music majors must take this course together with Music Theory III (MUSC 2110).
MUSC 2140 SIGHT SINGING/EAR TRAINING IV 1 CR.
Prereq: MUSC 2130 with C or better, concurrent with MUSC 2120. Fourth semester of a four-semester series. Continued SY/E/T, II & III. Music majors must take this course with Music Theory IV (MUSC 2120).

MUSC 2350 CONDUCTING FUNDAMENTALS 2 CR.
Prereq: MUSC 1120. The fundamentals of conducting music, including beat patterns, baton technique, score reading, cuing, subdivisions, fermatas and releases. The class will function as an ensemble and each student will conduct the group.

MUSC 2900 SPECIAL TOPICS 1 TO 3 CR.
Prereq: Department approval. A course in which students explore specific areas of interest under faculty direction.

NAV 1010 BEGINNING NAVAJO I 5 CR.
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

NAV 1020 BEGINNING NAVAJO II (LI) 5 CR.
Prereq: NAV 1010 or instructor’s permission. The second in a four-course series focusing on five skills: listening, speaking, reading, writing and culture, to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

NAV 1030 NAVAJO FOR NON-NATIVES 3 CR.
A course designed to help students achieve basic functional communication skills in the Navaajo language. These skills include vocabulary, listening comprehension, pronunciation, reading, writing, and cultural awareness.

NAV 2010 INTERMEDIATE NAVAJO I 4 CR.
Second-year Navajo courses increase functional language ability focusing on listening, speaking, reading, writing as well as increased focus on culture (philosophies, history, geography, literature, etc.). Lab attendance is required.

NAV 2020 INTERMEDIATE NAVAJO II 4 CR.
Second-year Navajo courses increase functional language ability focusing on listening, speaking, reading, writing as well as increased focus on culture (philosophies, history, geography, literature, etc.). Lab attendance is required.

NAV 2900 SPECIAL TOPICS IN NAVAJO 1 TO 3 CR.
This is a course designed by faculty which allows students to explore specific interests in Navajo language and culture. Lab attendance required. May be repeated for credit.

NDT 1110 INTRODUCTION/NON-DESTRUCTIVE TESTING 3 CR.
An introduction to the five major non-destructive testing methods, certification requirements, inspectors responsibilities, visual testing and the use and operation of gauges.

NDT 1114 ULTRASONICS I 3 CR.
Prereq: Concurrent with IND 1120 and NDT 1115 A basic theory of ultrasonic inspection including formulas, methods, applications and limitations.

NDT 1115 ULTRASONICS I LAB 1 CR.
Prereq: Concurrent with NDT 1114. Students will learn basic applications of ultrasonic inspection. Emphasis is placed on familiarizing students with the components and controls of ultrasonic equipment and calibration.

NDT 1120 MAGNETIC PARTICLE I 2 CR.
Prereq: Concurrent with NDT 1121. A basic to advanced theory of magnetic particle testing. How magnetizing currents are used, formulas, methods, applications and limitations.

NDT 1121 MAGNETIC PARTICLE I LAB 1 CR.
Prereq: Concurrent with NDT 1120. Students will learn basic and advanced applications of magnetic fields, material sensitivity and equipment calibration.

NDT 1122 EDDY CURRENT I 3 CR.
Prereq: IND 1120, concurrent with NDT 1123 A basic theory of electromagnetic principles, formulas, material applications, methods and limitations.

NDT 1123 EDDY CURRENT I LAB 1 CR.
Prereq: Concurrent with NDT 1122. Emphasis is placed on familiarizing students with controls of eddy current machines and calibration.

NDT 1130 RADIATION SAFETY 3 CR.
Prereq: IND 1120. Students are instructed in the rules and regulations of radiation safety, including the characteristics of X-ray and gamma radiation. Use and operation of equipment, calculations, and NRC requirements.

NDT 1132 RADIOGRAPHY I 3 CR.
Prereq: NDT 1130, IND 1120, concurrent with NDT 1133 A basic theory of radiography, formulas, inspection methods, film processing, material sensitivity applications and limitations.

NDT 1133 RADIOGRAPHY I LAB 1 CR.
Prereq: Concurrent with NDT 1132. This course familiarizes students with the components and controls of diagnostic equipment. Students apply each of the techniques on various lab samples. NRC safety regulations are also emphasized.

NDT 1210 LIQUID PENETRANT I & II 2 CR.
Prereq: Concurrent with NDT 1211 A basic to advanced theory of liquid penetrant testing. How liquid penetrants are used, formulas, methods, applications and limitations.

NDT 1211 LIQUID PENETRANT I & II LAB 1 CR.
Prereq: Concurrent with NDT 1210. Students will learn basic and advanced applications of liquid penetrants material sensitivity and equipment calibration.

NDT 1212 ULTRASONICS II 3 CR.
Prereq: Concurrent with NDT 1210. Students will learn basic and advanced applications of liquid penetrants material sensitivity and equipment calibration.

NDT 1214 ULTRASONICS II LAB 1 CR.
Prereq: Concurrent with NDT 1213. Students perform ultrasonic inspection to applicable codes and standards as they apply techniques developed and special techniques.

NDT 1222 EDDY CURRENT II 2 CR.
Prereq: NDT 1122, NDT 1123 concurrent with 1223. This advanced theory of eddy current inspection concentrates on codes and standards as they apply to eddy current testing, reporting of test results and developing techniques.

NDT 1223 EDDY CURRENT II LAB 1 CR.
Prereq: Concurrent with NDT 1222. Students perform eddy current inspection to applicable codes and standards, applying techniques developed and special applications.

NDT 1230 CODES AND PROCEDURES 2 CR.
Prereq: Instructor’s approval. Students will learn how to read and interpret a variety of codes including ISO 9712, ASME, API, and ASTM documents.

NDT 1232 RADIOGRAPHY II 3 CR.
Prereq: NDT 1132, NDT 1133, concurrent with NDT 1233. This advanced theory of radiographic inspection concentrates on codes and standards as they apply to radiography, reporting of test results and developing techniques.

NDT 1233 RADIOGRAPHY II LAB 1 CR.
Prereq: Concurrent with NDT 1232. This advanced course concentrates on film interpretation, multiple film loading techniques and radiographic procedures.

NDT 1234 ADVANCED NDT CONCEPTS 3 CR.
Prereq: Instructor’s approval. The study of advanced concepts of NDT including specific methods and applications using radioactive isotopes. Emphasis is placed on procedures and applications.

NSG 1250 NURSING PHARMACOLOGY 2 CR.
Prereq: Completion of prerequisite courses and admission to the program per established curriculum plan. Introduces the basic concepts of pharmacology. Utilizing the nursing process, students are introduced to the safe administration of medications to clients across the health continuum.

NSG 1350 NURSING FUNDAMENTALS 4 CR.
Prereq: Completion of Nursing Program prerequisite courses & admission to the program per established curriculum plan. NSG 1350 must be taken concurrently. Introduces theories basic to the student assuming the role of provider, manager and member of the nursing profession. Emphasis is placed on introduction to critical thinking and the nursing process. NSG 1350 and NSG 1355 must be taken concurrently without exception.
NSG 1355  **NURSING FUNDAMENTS CLINICAL**  2 CR.
Prereq: Completion of Nursing Program prerequisite courses & admission to the program per established curriculum plan. The clinical experience builds upon concepts and skills introduced in NSG 1250. Clinical experience expands critical thinking by incorporating the multidisciplinary team in the care of the Nursing Fundamentals client. NSG 1350 and NSG 1355 must be taken concurrently without exception.

NSG 1400  **MATERNAL NEWBORN NURSING**  2 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Provides family centered approach to nursing care of the childbearing client and family across the continuum as provider and manager of care in health care settings. NSG 1400 and NSG 1405 must be taken concurrently without exception.

NSG 1405  **MATERNAL NEWBORN NURSING CLINICAL**  1 CR.
Prereq: Completion of prior semester courses per established curriculum plan. The clinical experience builds upon concepts and skills introduced in NSG 1400. Clinical experience expands critical thinking by incorporating the multidisciplinary team in the care of the Maternal Newborn client. NSG 1400 and NSG 1405 must be taken concurrently without exception.

NSG 1500  **NURSING CARE OF CHILDREN**  2 CR.
Prereq: Completion of prior semester courses per established curriculum plan. The clinical experience builds upon concepts and skills introduced in NSG 1400. Clinical experience expands critical thinking by incorporating the multidisciplinary team in the care of the pediatric client. NSG 1500 and NSG 1505 must be taken concurrently without exception.

NSG 1505  **NURSING CARE/CHILDREN CLINICAL**  0.5 CR.
Prereq: Completion of prior semester courses per established curriculum plan. The clinical experience builds upon concepts and skills introduced in NSG 1500. Clinical experience expands critical thinking by incorporating the multidisciplinary team in the care of the pediatric client. NSG 1500 and NSG 1505 must be taken concurrently without exception.

NSG 1700  **MEDICAL SURGICAL NURSING I**  4 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Builds upon prior curriculum content to introduce the student to basic medical/surgical nursing care across the health continuum. NSG 1700 and NSG 1705 must be taken concurrently without exception.

NSG 1705  **MED/SURG NURSING I CLINICAL**  2 CR.
Prereq: Completion of prior semester courses per established curriculum plan. The clinical experience builds upon concepts and skills introduced in NSG 1700. Clinical experience expands critical thinking by incorporating the multidisciplinary team in the care of the basic medical surgical client. NSG 1700 and NSG 1705 must be taken concurrently without exception.

NSG 1800  **TRANSITION INTO PRACTICAL NUR**  2 CR.
Prereq: Completion of prior semester courses per established curriculum plan. The clinical experience builds upon the concepts and skills introduced in the first year of the nursing program. Clinical experience expands critical thinking related to the role and scope of practice of the LPN. NSG 1800 and NSG 1805 must be taken concurrently without exception.

NSG 1805  **TRANS/PRACT. NURSING CLINICAL**  1 CR.
Prereq: Completion of the first year of nursing. NSG 1800 must be taken concurrently. The clinical experience builds upon the concepts and skills introduced in the first year of the nursing program. Clinical experience expands critical thinking related to the role and scope of practice of the LPN. NSG 1800 and NSG 1805 must be taken concurrently without exception.

NSG 1900  **TRANSITION INTO A.S. NURSING**  1 CR.
Prereq: Completion of first year of Nursing Designed to assist the licensed practical nurse in adapting to the new role of a registered nurse as provider, manager and member of the nursing profession.

NSG 1990  **INDEPENDENT STUDY COURSE**  1 TO 5 CR.
Prereq: Actively enrolled in the Nursing Program. This course is offered on an individual basis to student nurses. It allows the student to complete one to five hours of guided independent learning experiences within the first year.

NSG 2200  **MED/SURG NURSING II**  4 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Builds upon concepts introduced in NSG 1700. Course content expands critical thinking by reviewing body systems and the nursing process for the care of the intermediate medical/surgical client. NSG 2200 and NSG 2205 must be taken concurrently without exception.

NSG 2205  **MED/SURG NURSING II CLINICAL**  2 CR.
Prereq: Completion of prior semester courses per established curriculum plan. The clinical experience builds upon concepts and skills introduced in NSG 2200. Clinical experience expands critical thinking by incorporating the multidisciplinary team in the care of the intermediate medical surgical client. NSG 2200 and NSG 2205 must be taken concurrently without exception.

NSG 2250  **PHARMACOLOGY II**  2 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Continues to build upon the concepts introduced in NSG 2250. Nursing Pharmacology; in the safe administration of medications of clients across the health continuum.

NSG 2300  **COMMUNITY NURSING**  2 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Introduces students to various health care delivery systems within the community. Concepts of holistic care are emphasized in providing primary, secondary and tertiary prevention to aggregates across the health continuum. NSG 2300 and NSG 2305 must be taken concurrently without exception.

NSG 2305  **COMMUNITY NURSING CLINICAL**  1 CR.
Prereq: Completion of prior semester courses per established curriculum plan. The clinical experience builds upon concepts and skills introduced in NSG 2300. Clinical experience expands critical thinking by incorporating the multidisciplinary team in the care of the Community Nursing client. NSG 2300 and NSG 2305 must be taken concurrently without exception.

NSG 2400  **MED/SURG NURSING III**  3 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Integrates all previous curricular concepts in medical/surgical nursing into the care of the advanced medical surgical client. Course content expands critical thinking by reviewing body systems and the nursing process for the care of the advanced medical surgical client. NSG 2400 and NSG 2405 must be taken concurrently without exception.

NSG 2405  **MED/SURG NURSING III CLINICAL**  1 CR.
Prereq: Completion of prior semester courses per established curriculum plan. The clinical experience builds upon concepts and skills introduced in NSG 2400. Clinical experience expands critical thinking by incorporating the multidisciplinary team in the care of the advanced medical surgical nursing client. NSG 2400 and NSG 2405 must be taken concurrently without exception.

NSG 2500  **NURSING MGT, TRENDS AND ISSUES**  1.5 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Introduces the student to current trends and issues affecting client care and the nursing profession.

NSG 2600  **MENTAL HEALTH NURSING**  2 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Intended to provide basic understanding of psychiatric nursing care principles to clients across the health continuum. NSG 2600 and NSG 2605 must be taken concurrently without exception.

NSG 2605  **MENTAL HEALTH NURSING CLINICAL**  1 CR.
Prereq: Completion of prior semester courses per established curriculum plan. The clinical experience builds upon concepts and skills introduced in NSG 2600. Clinical experience expands critical thinking by incorporating the multidisciplinary team in the care of the Mental Health client. NSG 2600 and NSG 2605 must be taken concurrently without exception.

NSG 2900  **PATHOPHYSIOLOGY**  4 CR.
Prereq: Completion of Nursing Program prerequisite courses & admission to the program per established curriculum plan. Intended to provide basic understanding of pathophysiologic principles and processes across the health continuum. These are discussed and applied to the most common disease states according to each body system.

NSG 2990  **DEPENDENT STUDY COURSE 2ND YEAR**  1 TO 5 CR.
Prereq: Actively enrolled in the Nursing Program. This course is offered on an individual basis to student nurses. It allows the student to complete one to five hours of guided independent learning experiences within the second year.

OPT 1010  **INTRODUCTION TO EYE CARE**  3 CR.
Student will learn about different eye care professions, general medical terminology, different eye parts and their function.

OTA 1020  **INTRODUCTION TO OCCUPATIONAL THERAPY**  2 CR.
Students learn history, principles, philosophy of profession & scope of practice, workplace settings and specialty areas. Ethics, standards, legal issues and behavior addressed. Visits to local clinicians and field trips scheduled.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>OTA 1100</td>
<td>Functional Anatomy</td>
<td>4 CR.</td>
<td>Prereq: OTA 1020. Students explore neuro-musculo-skeletal anatomy in depth. The relationship to function and occupation will be studied. Topics of neuroanatomy, musculo-skeletal systems covered.</td>
</tr>
<tr>
<td>OTA 1120</td>
<td>OT Modalities I Lecture</td>
<td>2 CR.</td>
<td>Prereq: OTA 1020. Students study wheelchair use, adaptations, seating safety. Basic ADL and IADL adapted devices and occupational roles. Activity analysis, architectural accessibility and changes. Assistive technology and OT treatment covered.</td>
</tr>
<tr>
<td>OTA 1130</td>
<td>OT Modalities I Lab</td>
<td>1 CR.</td>
<td>Prereq: OTA 1020. Students learn practical application of lecture content.</td>
</tr>
<tr>
<td>OTA 1140</td>
<td>Physical Dysfunction Lecture</td>
<td>3 CR.</td>
<td>Prereq: OTA 1020. Students learn effects of dysfunction on occupational habits occupational roles, apply OT process, problem-solving ideas. Introduction to assessment and treatment techniques and community resources. Designated as a service-learning center course.</td>
</tr>
<tr>
<td>OTA 1150</td>
<td>Physical Dysfunction Lab</td>
<td>1 CR.</td>
<td>Prereq: OTA 1020. Students learn practical application of lecture content. Designated as a service-learning course.</td>
</tr>
<tr>
<td>OTA 1170</td>
<td>Phys Dysfunction Field WK I EX</td>
<td>2 CR.</td>
<td>Prereq: OTA 1020. Students will obtain clinical experience in adult physical dysfunction specialty area. FW sites will be arranged by OT faculty &amp; will consist of 30 hours of off-campus observation and participation at a physical rehab facility. Designated as a service-learning course.</td>
</tr>
<tr>
<td>OTA 1180</td>
<td>OT Domain &amp; Process</td>
<td>2 CR.</td>
<td>Prereq: OTA 1020. Students learn the history and philosophy of occupational therapy, along with the domain of the profession and service models and processes. The COTA role will be explored within current health care systems.</td>
</tr>
<tr>
<td>OTA 1210</td>
<td>OT Professional Issues I</td>
<td>2 CR.</td>
<td>Prereq: OTA 1170. Students will study professional behaviors appropriate for placement in fieldwork sites. Successful work skills, client-centered practice in the community will be explored. Designated as a service-learning course.</td>
</tr>
<tr>
<td>OTA 1220</td>
<td>OT Modalities II Lecture</td>
<td>2 CR.</td>
<td>Prereq: OTA 1120. Students will learn theory of assistive technology and application of upper extremity splinting, prostheses, ortho devices, computer technology and environmental controls. Designated as a service-learning course.</td>
</tr>
<tr>
<td>OTA 1230</td>
<td>OT Modalities II Lab</td>
<td>1 CR.</td>
<td>Prereq: OTA 1130. Students learn practical application of lecture content. Designated as a service-learning course.</td>
</tr>
<tr>
<td>OTA 1240</td>
<td>Physical Dysfunction II</td>
<td>3 CR.</td>
<td>Prereq: OTA 1100, OTA 1110, concurrent with OTA 1230. Students learn how occupational performance is affected by human motion across the life span &amp; types of disabilities. Students learn how OT interventions &amp; community resources impact functional performance. Designated as a service learning course.</td>
</tr>
<tr>
<td>OTA 1250</td>
<td>Physical Dysfunction II</td>
<td>1 CR.</td>
<td>Prereq: OTA 1100, OTA 1110, concurrent with OTA 1240. Students learn practical application of lecture content. Designated as a service-learning course.</td>
</tr>
<tr>
<td>OTA 1270</td>
<td>Pediatric FW Experience</td>
<td>2 CR.</td>
<td>Prereq: OTA 1170. Students will obtain clinical experience in pediatric specialty area. FW sites will be arranged by OTA faculty and will consist of 30 hours of off-campus observation and participation at a pediatric facility. Designated as a service-learning course.</td>
</tr>
<tr>
<td>OTA 1280</td>
<td>Pediatric/Adolescence Lecture</td>
<td>3 CR.</td>
<td>Prereq: OTA 1100, OTA 1110. Students will study normal human development and common disabilities related to childhood from birth to adolescence. OT process will be explored in sensor motor, psychosocial, play and cognitive treatment techniques.</td>
</tr>
<tr>
<td>OTA 1290</td>
<td>Pediatric/Adolescence Lab</td>
<td>1 CR.</td>
<td>Prereq: OTA 1100, OTA 1110. Students learn practical application of lecture content.</td>
</tr>
<tr>
<td>OTA 2310</td>
<td>OT Professional Issues II</td>
<td>2 CR.</td>
<td>Prereq: OTA 1210. Students will study interpersonal and group communications, ethics, standards of practice, supervisory relationships, OT theory and activity programming as they relate to the role of the COTA in the community. Designated as a service learning course.</td>
</tr>
<tr>
<td>OTA 2320</td>
<td>OT Modalities III Lecture</td>
<td>2 CR.</td>
<td>Prereq: OTA 1220. Students will learn to use hand tools and basic craft techniques for therapeutic application, skill development, activity analysis, and group therapy process. Designated as a service-learning course.</td>
</tr>
<tr>
<td>OTA 2330</td>
<td>Modalities III Lab</td>
<td>1 CR.</td>
<td>Prereq: OTA 1130, OTA 1230. Students learn practical application of lecture content. Designated as a service-learning course.</td>
</tr>
<tr>
<td>OTA 2340</td>
<td>Psychosocial Behavior</td>
<td>3 CR.</td>
<td>Prereq: OTA 1140, OTA 1280. Students will study psychosocial dysfunction across lifespan, OT interventions through current OT frames of reference, and treatment planning interventions including group dynamics and operations.</td>
</tr>
<tr>
<td>OTA 2350</td>
<td>Geriatrics</td>
<td>3 CR.</td>
<td>Prereq: OTA 1140, OTA 1240. Students will study normal aging process, physical, psychosocial and cognitive dysfunctions common to the elderly and OT interventions through OT frames of reference and adaptation. Designated as a service-learning course.</td>
</tr>
<tr>
<td>OTA 2380</td>
<td>Psychosocial/Geri FW I Exper</td>
<td>2 CR.</td>
<td>Prereq: OTA 1170, OTA 1270. Students will obtain clinical experience in Geri/psych specialty area. FW I sites will be arranged by OTA faculty and will consist of 30 hours of off-campus observation and participation at a Geri/psych rehab facility. Designated as a service-learning course.</td>
</tr>
<tr>
<td>OTA 2450</td>
<td>Fieldwork Experience II Part 1</td>
<td>6 CR.</td>
<td>Prereq: OTA 1170, OTA 1270, and OTA 2380. Students will complete 320 hours of clinical fieldwork experience in a community setting arranged by OTA faculty. Students will practice skills necessary for entry level performance as an occupational therapy assistant. Designated as a service-learning course.</td>
</tr>
<tr>
<td>OTA 2460</td>
<td>Fieldwork Experience II Part 2</td>
<td>6 CR.</td>
<td>Prereq: OTA 1170, OTA 1270, and OTA 2380. Students will complete 320 hours of clinical fieldwork experience in a community setting arranged by OTA faculty. Students will practice skills necessary for entry level performance as an occupational therapy assistant. Designated as a service-learning course.</td>
</tr>
<tr>
<td>OTA 2960</td>
<td>OT and PT in the Workplace</td>
<td>2 CR.</td>
<td>Prereq: Instructor’s approval. Students learn principles of work hardening, work conditioning, industrial rehab as well as work place safety, injury prevention, ergonomics and ADA implementation.</td>
</tr>
<tr>
<td>OTA 2980</td>
<td>Special Topics</td>
<td>2 CR.</td>
<td>Prereq: Instructor’s approval. This course will cover special topics such as: Review materials for NBCOT Exam. Enrollment requires faculty approval.</td>
</tr>
<tr>
<td>PED 1010</td>
<td>Introduction to Parapeducation</td>
<td>3 CR.</td>
<td>This course overviews concepts relevant to parapeducation including working with teachers, relating to students with disabilities, history of special education services, legal issues and communication techniques.</td>
</tr>
<tr>
<td>PED 1500</td>
<td>Behavioral Observations</td>
<td>2 CR.</td>
<td>Prereq: PED 1010. This course introduces students to basic behavior management principles used in educational settings. Students will complete experiences within a classroom setting under the direction of a supervising educator.</td>
</tr>
<tr>
<td>PED 1700</td>
<td>Collaboration in the Classroom</td>
<td>3 CR.</td>
<td>Prereq: PED 1010. Designated as a service-learning course. This course combines the historical foundations and rational with definitions and dimensions of interactive teams for solid foundation in collaboration within the educational community.</td>
</tr>
<tr>
<td>PED 2100</td>
<td>Health Needs in the Classroom</td>
<td>3 CR.</td>
<td>Prereq: PED 1010. Designated as a service-learning course. This class includes how to ensure health care for students who have health impairments. Students will learn about the relationship between school and medical professionals.</td>
</tr>
<tr>
<td>PED 2150</td>
<td>Introductory Experience</td>
<td>3 CR.</td>
<td>Prereq: PED 1010. Course overviews classroom techniques and will address ethical and professional responsibilities. Under the direction of a supervising educator, students will learn to implement teaching programs using a variety of techniques.</td>
</tr>
<tr>
<td>PED 2160</td>
<td>Introduction Experience Practicum</td>
<td>1 CR.</td>
<td>Prereq: Concurrent with PED 2150. Course provides a supervised classroom experience that allows students to apply what they are learning in the classroom to public education settings.</td>
</tr>
</tbody>
</table>
PED 2200  INTRODUCTION TO DEAFBLINDNESS  3 CR.
The course is an introduction to deaf blindness and its impact on learning and development. It is an overview of the sensory systems and the issues that arise when an individual has a combined loss of vision and hearing.

PED 2250  COMMUNICATION AND INTERACTION  3 CR.
An introduction to the communication needs and relationship development of individuals with deaf blindness. This course will explain the unique impact of deaf blindness on communication, language, and speech.

PED 2260  DEAFBLINDNESS W/ DISABILITIES  3 CR.
An overview of modifications and adaptations in accommodating persons with deaf blindness and additional disabilities. Introduction of various instructional, material, and environmental strategies will be presented.

PED 2990  SPECIAL STUDIES IN PARAED  1 TO 3 CR.
Prereq: Instructor's approval. This course focuses on special projects and/or current topics arranged as needed or as available. Para education students will benefit from selected instructors who specialize in the subject area presented.

PFA 1110  TRADE RELATED MATH  2 CR.
Applied related grade math required for the core curriculum success of each student. This course covers basic math through Triangular Trigonometry.

PFA 1111  SOLDERING AND BRAZING  2 CR.
Theory and application of soldered and brazed joints, pipe preparation, and reaming.

PFA 1140  PRINCIPLES OF TECHNOLOGY  2 CR.
This class will provide training in basic principles of physics and practical examples that relate to the industry.

PFA 1150  JOB SAFETY AND HERITAGE  2 CR.
Brief history of the Plumbing/Pipefitting industry and the organizational structure of the trade. Emphasis on the importance of job safety, personal safety, and the well being of others on the job site.

PFA 1160  USE AND CARE, PIPE FITTINGS  2 CR.
Theory and practical hands on applications of various pipe fittings, their uses and purposes, use and care of the materials and equipment used in the trade.

PFA 1170  PLUMBING SCIENCE & MECHANICS  2 CR.
Course includes the basics of theory involving water, steam, hydraulics, pneumatics, & metals in preparation for deeper understanding of the trade.

PFA 1210  GAS INSTALLATIONS  2 CR.
Code and local amendments as they pertain to the natural gas and industrial gas usages, various materials required, use applications, and methods of installation accepted by the gas industry.

PFA 1211  HYDRONIC HEATING COOLING SYS  2 CR.
Hydronics is the science of heating and cooling with water. Curriculum includes technical aspects of design, calculation, and installation of hydronic systems.

PFA 1250  BASIC ELECTRICITY  2 CR.
Basic principles and applications of electricity common to Plumbers and Pipefitters. Safety requirements, basic devices and tools, circuits, and electrical measuring instruments are included.

PFA 1260  DRAFTING AND PLAN READING  2 CR.
This course provides the student with basic principles and practices of plan drafting and interpretation.

PFA 2151  WELDING I  2 CR.
Theory and application of shielded metal arc welding, oxy-acetylene welding and oxy-acetylene cutting. A study of electrode classification and welding procedures with proper safety and safe use of equipment.

PFA 2152  WELDING II  2 CR.
Structural plate welding including flat, horizontal and overhead welding. Weld defects and the properties of metals. Destructive testing and welding procedures for code work.

PFA 2153  WELDING III  2 CR.
Advanced plate welding and certification. Introduction to pipe welding.

PFA 2154  WELDING IV  2 CR.
Advanced welding practices in the pipefitting industry, preparation for certification and code welding methods.

PFA 2155  WELDING V  2 CR.
Theory and application of shielded metal arc welding, oxy-acetylene welding and oxy-acetylene cutting. A study of electrode classification and welding procedures with proper safety and safe use of equipment.

PFA 2156  WELDING VI  2 CR.
Structural welding including flat horizontal, vertical, and overhead welding. Weld defects and the properties of metals. Destructive testing and welding procedures for code work.

PFA 2157  WELDING VII  2 CR.
Advanced welding practices in the pipefitting industry, preparation for certification and code welding methods.

PFA 2158  WELDING VIII  2 CR.
Structural plate welding including flat horizontal, vertical and overhead welding. Weld defects and the properties of metals. Destructive testing and welding procedures for code work.

PFA 2159  WELDING IX  2 CR.
Advanced plate welding and certification. Introduction to pipe welding.

PFA 2160  WELDING X  2 CR.
Advanced welding practices in the pipefitting industry, preparation for certification and code welding methods.

PFA 2161  PIPE BENDING  2 CR.
Theory and application of practical pipe bending and methods utilized in the industry.

PFA 2162  ORBITAL WELDING  2 CR.
This course will include study and training on industry specific power supplies, weld heads & preparation for orbital welding certification.

PFA 2311  PUMPS AND STEAM SYSTEMS  2 CR.
Theory and application of a variety of pumps and pumping processes. Study also includes hot steam systems and the application of pumps and processes utilized in the industry.

PFA 2331  BRAZING, COMPRESSOR OVERHAUL  2 CR.
Basic instruction in brazing and brazing methods, materials used and good practices. Compressor function and utilization. Breakdown of a compressor and component parts testing and inventory.

PFA 2350  DRAINAGE I  2 CR.
Utilization of drainage in commercial and industrial applications including various materials, applicable piping for drainage systems, installation and joint connections.

PFA 2351  DRAINAGE II  2 CR.
Industrial and commercial drainage systems, sumps, drain fields, hazardous material handling.

PFA 2360  WATER SUPPLY I  2 CR.
Water supply systems including potable and non-potable water systems. Material usage and application.

PFA 2361  WATER SUPPLY II  2 CR.
Advanced water supply system study including commercial and industrial applications.

PFA 2441  ADVANCED PLAN READING  2 CR.
Study of isometric pipe and plumbing drawings and shop drawings as used in the industry.

PFA 2450  BUILDER'S LEVEL AND SPECIAL INSTRUMENTS  2 CR.
Instruction in the set-up and use of a builder's level, lasers, and special instruments for layout and leveling.

PFA 2460  HYDRONICS SYSTEMS  2 CR.
Advanced course in hydronics systems, use and installation and fabrication of joints and materials.

PFA 2470  PLUMBING FIXTURES, APPLIANCES  2 CR.
Detailed course in plumbing fixtures and appliances used in the industry including use, installation, and code requirements.

PFA 2541  MEDICAL GAS CERTIFICATION  2 CR.
Instruction on requirements and competencies for Certification in medical gas installation and repair.

PFA 2550  BACK FLOW TESTING CERT.  2 CR.
Instruction on code and Utah requirements and competencies for Certification to install and/or repair back flow prevention systems.
PFA 2551 GENERAL PIPE FITTING 2 CR.
This course introduces students to general pipefitting principles and techniques.

PFA 2552 GENERAL PIPE FITTING II 2 CR.
Prereq: PFA 2551. This course will continue study of general pipe fitting principles and techniques and introduce hands on application of the skills and knowledge learned.

PFA 2560 INTERNATIONAL PLUMBING CODE 2 CR.
Detailed course on the International Plumbing Code with any amendments and provisions.

PFA 2570 TEST PREP-CODE 2 CR.
New code updates and amendments as needed and practical hands on applications.

PFA 2571 TEST PREP-MATH 2 CR.
Applied mathematical conclusions for plumbing and pipefitting code applications and installation.

PFA 2572 TEST PREP-SHOP 2 CR.
Safety requirements and detail work in shop environments including tools, materials, and MSDS sheets.

PFA 2573 PIPE FITTING TEST PREP 2 CR.
Course includes applied mathematical conclusions, code and safety requirements related to the pipe fitting industry as preparation for the industry Pipe Fitting Journeyman exam.

PHAR 1010 INTRODUCTION TO PHARMACY PRACTICE 2 CR.
Prereq: MATH 0920 or MATH 0950 or 57 on CPT. Course reviews fundamentals of pharmacy practice in variety of settings. Career opportunities, terminology, prescription processing, dosage forms, routes of administration, quality control, technician roles and responsibilities are explored.

PHAR 1020 PHARMACOLOGY I 2 CR.
Prereq: MATH 0920 or MATH 0950 or 57 on CPT. Course discusses the nature of drugs, drug absorption and patient variables that affect drug therapy. Course begins to evaluate the classifications and therapeutic use of drugs.

PHAR 1030 COMPOUNDING/STERILE PRODUCTS 2 CR.
Prereq: PHAR 1010, PHAR 1020, and PHAR 1040. This course reviews the packaging, preservation and storage of compounded drugs. Coated tablets, solutions and suspensions are examined. Sterile procedures with vials and IV bottles and bags are explained.

PHAR 1040 CALCULATIONS AND LAW 2 CR.
Prereq: MATH 0920, MATH 0950, or CPT placement into MATH 0990. Course covers pharmaceutical math, dosage calculations, and conversion skills needed by technicians. Medical terminology related to pharmacy practice and practical application of state and federal pharmacy law are reviewed.

PHAR 1050 PHARMACY COMPUTERS 2 CR.
Prereq: PHAR 1010, MA 1100, 30 nwpm typing test. This course stresses practical applications of the concepts learned in PHAR 1010. Hands-on experience with a computerized system for dispensing prescriptions and preparing third party pay documents is the focus.

PHAR 1060 PHARMACOLOGY II 2 CR.
Prereq: PHAR 1020. Course is a continuation of PHAR 1020. It continues with evaluation of further drug classifications and therapeutic use of those drugs.

PHAR 1065 PHARMACOLOGY III OTC 2 CR.
Prereq: PHAR 1020, concurrent with PHAR 1060. Specific classes of over-the-counter medications/products will be discussed with emphasis on knowledge required for making appropriate recommendations for selections and use of these products by consumers.

PHAR 1070 FIELDWORK PREPARATION 4 CR.
Prereq: PHAR 1010, 1020, 1030, 1040, 1050, 1060, 1065, MA 1100. Course places students in on-the-job training in community, retail, hospital practice sites with review of specific tech duties in each site. Top 100 prescription drugs are covered in preparation for PTCB National Certification Exam.

PHAR 1075 PHARMACY ADJUDICATION 1 CR.
Prereq: MA 1100, PHAR 1010, PHAR 1020, PHAR 1030, PHAR 1040, PHAR 1050, PHAR 1060, PHAR 1065. This course acquaints students with knowledge of electronic billing and adjudication procedures used in a pharmacy setting. Rejections and third party billing requirements will be covered.

PHIL 1000 INTRODUCTION TO PHILOSOPHY (HU) 3 CR.
This introductory survey of philosophy examines the historical development of Western philosophy and philosophical problems concerning truth, reality, and values. The course introduces philosophical methods of inquiry and argumentation.

PHIL 1130 PERSONAL ETHICS (ID, DV) 3 CR.
Exposes students to the essential theoretical frameworks of morality & then applies those frameworks to the diversity issues of our times as a systematic means for thinking about moral dilemmas in general & in their own personal lives.

PHIL 1200 DIV & PHILOS. OF WORK (ID, DV) 3 CR.
A philosophical inquiry into alienation, marginalization and assimilation in the world of work. Studies how societal constructs granting privilege on the basis of race, gender, class, religion, etc. affect US work environments.

PHIL 1250 RESN. & RAT'L DECISION-MAKING (IN) 3 CR.
Strengthens critical thinking skills through analyzing and evaluating arguments, basic logical framework, Aristotelian logic, beginning logic of sentences, fallacies, probability, statistical reasoning and other forms of inductive argument.

PHIL 2300 INTRODUCTION ENVIRONMENTAL ETHICS (HU) 3 CR.
Philosophical analyses of our ethical relationships to the environment, such as moral environmentalism, deep ecology, ecofeminism, & environmental justice. Application to classic and contemporary environmental issues.

PHIL 2350 PRIN.: PHIL. OF RELIGION (HU) 3 CR.
Explicates & evaluates some truth-claims made by major world religions concerning the nature of reality & humanity's relationship to it. Addresses classic topics in the discipline as conceived by the major Western monotheistic traditions.

PHYS 1010 ELEMENTARY PHYSICS (PS) 3 CR.

PHYS 1040 ELEMENTARY ASTRONOMY (PS) 3 CR.
Course includes structure, scale, and behavior of the universe and its underlying laws presented in a conceptual format. It shows examples of formation and workings of the sun and planets. Also teaches earth as a planet and as a reference for reckoning of the celestial sphere.

PHYS 2010 COLLEGE PHYSICS I 4 CR.
Prereq: MATH 1060, concurrent w/ PHYS 215. For pre-professional, non-science, non-engineering majors. Newton's laws of motion, gravity, work and energy, solid body motion, fluid motion, vibrations and waves, and thermal physics.

PHYS 2011 PHYSICS PROBLEM SESSION 1 CR.
Problem session for PHYS 2100, based on lecture classes. Though not required, students are strongly encouraged to register for this session.

PHYS 2015 COLLEGE PHYSICS LAB I 1 CR.
Prereq: concurrent with PHYS 2100. Graded laboratory concurrent with PHYS 2100.

PHYS 2020 COLLEGE PHYSICS II 4 CR.
Prereq: PHYS 2100, concurrent with PHYS 2210. Continuation of PHYS 2100. Laws of electricity and magnetism optics and light, modern atomic theory, nuclear physics and an overview of relativity.

PHYS 2021 PHYSICS PROBLEM SESSION 1 CR.
Problem session for PHYS 2210, based on lecture classes. Though not required, students are strongly encouraged to register for this session.

PHYS 2025 COLLEGE PHYSICS LAB II 1 CR.
Prereq: Concurrent with PHYS 2210. Graded laboratory concurrent with PHYS 2210.

PHYS 2210 PHYSICS FOR SCI & ENG I 4 CR.

PHYS 2211 PHYSICS PROBLEM SESSION 1 CR.
Problem session for PHYS 2210, based on lecture classes. Though not required, students are strongly encouraged to register for this session.
PHYS 2215 PHYSICS FOR SCI & ENG LAB I 1 CR.
Prereq: Concurrent with PHYS 2210. Graded laboratory taken concurrently with PHYS 2210.

PHYS 2220 PHYSICS FOR SCI & ENG II 4 CR.

PHYS 2221 PHYSICS PROBLEM SESSION 1 CR.
Problem session for PHYS 2220, based on lecture classes. Though not required, students are strongly encouraged to register for this session.

PHYS 2225 PHYSICS FOR SCI & ENG LAB II 1 CR.
Prereq: Concurrent with PHYS 2220. Graded laboratory taken concurrently with PHYS 2220.

PHYS 2710 INTRODUCTORY MODERN PHYSICS 3 CR.
Prereq: MATH 2210, MATH 2250, PHYS 2220, PHYS 2225 with C. Introduction to Modern Physics with a focus on relativity, quantum mechanics, and atomic physics. Applications in solid-state physics, bonding in molecules and solids, and nuclear physics. Use of computers in problem solving.

PHYS 2715 INTRODUCTORY MODERN PHYS LAB 1 CR.
Prereq: Concurrent with PHYS 2710. Graded laboratory to be taken concurrently with PHYS 2710.

PILT 1010 AIR TRANSPORTATION 3 CR.
This course includes a survey of the air transportation industry to include airline deregulation, government regulatory agencies, general aviation, & airline management operations and aircraft.

PILT 1020 AVIATION WEATHER 2 CR.
This course will introduce students to the effects of weather on aviation. Specific emphasis will be placed on weather information available to a pilot, and the hazards of weather to aviation operations.

PILT 1040 AVIATION ORIENTATION 1 CR.
Students will be introduced to many aspects of the aviation industry, job opportunities, flight program, procedures, & how to finance flight training. Students will be given the opportunity to meet with industry personnel.

PILT 1050 AVIATION HISTORY 2 CR.
Prereq: PILT 1010. The history of aviation from the earliest times through the modern jet age will be covered. Students will discover significant aviation developments and how they came about.

PILT 1100 PRIVATE PILOT GROUND SCHOOL 5 CR.
Prereq: Concurrent PILT 1140/PILT 1145. A study of aviation fundamentals, principals of flight, aircraft & engine operations, weather, navigation, & radio communications as required by FAA regulations. Students will be prepared to begin flight training.

PILT 1110 PRIV. SIMULATOR FIXED-WING LAB 1 CR.
Prereq: Concurrent w/PILT 1100/required for non-flying student enrolled in PILT 1100 or AS Degree Dispatch Track, optional for Continuing Education students. Practical application in a simulation lab to include the information for private pilot flight maneuvers & procedures & regulations for takeoff, cruise, traffic pattern operations, approach, and emergencies. One hour per week lab time is required.

PILT 1140 SOLO PILOT FIXED-WING CERT LAB 1 CR.
Prereq: Concurrent with PILT 1100. Students will begin flight training with FAA certified flight instructor. Training will include all skills necessary to fly solo.

PILT 1145 SOLO PILOT ROTOR-WING CERT LAB 1 CR.
Prereq: Concurrent with PILT 1100. Students will begin flight training with an FAA-certified flight instructor. Training will include all skills necessary to fly solo in a rotorcraft.

PILT 1150 PRIV PILOT FIXED-WING CERT LAB 2 CR.
Prereq: PILT 1140. Students continue to fly with an FAA certified flight instructor. Training will include all the skills necessary for a private pilot's license. The student will fly under Part 141 of the FAA regulations.

PILT 1155 PRIV PILOT ROTOR-WING CERT LAB 2 CR.
Prereq: PILT 1145. Students will gain basic aeronautical knowledge to safely operate the rotorcraft within FAA guidelines including skills to perform basic maneuvers. Students will fly under Part 141 of the FAA regulations.

PILT 1250 INSTRUMENT GROUND SCHOOL 3 CR.
Prereq: PILT 1110, concurrent with PILT 1260. A more in-depth study of the purpose, operations, and use of aircraft instrumentation in airport departures, en-route, navigation, & instrument approaches. Student will be prepared to qualify as an instrument-rated pilot.

PILT 1260 INSTR SIMULATOR FIXED-WING LAB 1 CR.
Prereq: PILT 1150, concurrent with PILT 1250. Practical application in a simulation lab to include the information for instrument flight procedures and regulations for departures, en route, approach & landing. Two hours per week lab time is required.

PILT 1265 INSTRUMENT SIMULATOR ROTOR-WING LAB 1 CR.
Prereq: PILT 1155, concurrent w/ PILT 1250. Practical application in a simulation lab to include the information for instrument flight procedures and regulations for departure, en route, approach & landing. Two hours per week lab time is required.

PILT 1300 INSTRUMENT CERT FIXED-WING LAB 3 CR.
Prereq: PILT 1250, PILT 1260, concurrent with PILT 1350. Flight navigation will emphasize radio navigation as it relates to instrument approaches, en route procedures, and departures. Students will be prepared to take the FAA evaluations. Approximate flight time is 35 hours.

PILT 1305 TRANS ROTOR-WING LAB I 1 CR.
Prereq: PILT 1145, concurrent w/any flight lab beyond PILT 1155. Students will develop the skills, knowledge and aeronautical experience necessary to operate piston engine helicopter to proficiency level that meets or exceeds the criteria outlined in the piston-engine rotorcraft manufactures ground and flight procedures handbook.

PILT 1315 INSTRUMENT CERT ROTOR-WING LAB II 2 CR.
Prereq: PILT 1250, PILT 1265, concurrent w/ PILT 1155. The student will develop the skills, knowledge and aeronautical experience necessary to meet the Stage II requirements for an instrument rating, as specified in FAA Part 141 with a helicopter class rating.

PILT 1400 INTRODUCTION TO AIR TRAFFIC CONTROL 3 CR.
This course overviews Air Traffic Control principles, rules, regulations, positions, responsibilities, terms & techniques. Pilots and perspective controllers will gain fundamental insight into the National Airspace System.

PILT 1420 AIRCRAFT SYSTEMS 3 CR.
This is an introductory course to provide pilots with the understanding of aircraft systems, components, & basic operations general to all aircraft. Included will be information about power plants, fuel, & electrical systems.

PILT 1800 GROUND TUTORING LAB 1 CR.
Prereq: Concurrently enrolled in: PILT 1100, PILT 1250, PILT 2100, or PILT 2210, Instructor approval. This course is designed to assist students enrolled in the Professional Pilot program for fixed-wing and/or rotor-wing. Provides focused learning of concepts and procedures.

PILT 1840 SIMULATOR TUTORING LAB 1 CR.
Prereq: Concurrently enrolled in PILT 1140, PILT 1145, PILT 1150, PILT 1300, PILT 1305, PILT 1315, PILT 2200, PILT 2205, PILT 2240, PILT 2245, or PILT 2220, Instructor approval. This course is designed to assist students enrolled in the Professional Pilot program for fixed-wing and/or rotor-wing. Provides focused learning of concepts and procedures.

PILT 1990 SPECIAL STUDIES 1 TO 2 CR.
Prereq: Instructor's permission. Students will plan a special project in an area of study in cooperation with program coordinator or advisor. Students may also be granted credit for a specialized area of training already completed.

PILT 2000 AVIATION CO-OP 1 TO 2 CR.
Prereq: Second-year student, instructor's approval. Aviation CO-OP is open to second-year students. This elective class requires special approval prior to registration. See program coordinator for more information.

PILT 2010 PRE-GRADUATION SEMINAR 1 CR.
Students will learn techniques for finding, applying for, interviewing and testing for pilot positions. Employers will discuss their hiring requirements, procedures, and what qualities they are expecting from applicants.

PILT 2050 AVIATION METEOROLOGY 3 CR.
Students will learn about atmospheric conditions, weather patterns and observations & their effect on aeronautical applications. Students will learn to read pilot weather reports & obtain pre and in-flight weather information.
PILT 2100 COMMERCIAL GROUND SCHOOL 3 CR.
Prereq: PILT 1150, PILT 1250, w/PILT 2200. All previous materials & concepts will be reviewed and development of complex applications. Fundamentals of a professional pilot will be presented to prepare students to complete the FAA commercial rating.

PILT 2150 ATP WRITTEN EXAM PREP 1 CR.
Prereq: DISP 1010, 1300, PILT 1400, 2050, or instructor approval. Course will overview theories and applications discussed in the 200 hours of dispatcher training. Course is designed to prepare students to take the FAA exam for certification.

PILT 2200 COMM PILT FIXED-WING CERT LAB I 2 CR.
Prereq: PILT 2100. A thorough introduction to pilot-in-command in a complex aircraft with precision flight maneuvers. This course will build the aeronautical knowledge, experience and requirements toward commercial pilot certification.

PILT 2205 COMM PILT CERT ROTORWING LAB I 2 CR.
Prereq: PILT 2100. Student will refine abilities to the FAA Rotorcraft Helicopter Comm. Practical Test Stds. Training and flight time geared toward the student receiving endorsement to take the Commercial Practical Test.

PILT 2210 MULTI-ENGINE GROUND SCHOOL 2 CR.
Prereq: PILT 2150, concurrent w/ PILT 2220. Student will obtain the knowledge, skill, and aeronautical experience necessary to meet the requirements of the multiengine certificate and multi-engine class rating.

PILT 2220 MULTI-ENGINE FIXED-WING LAB 1 CR.
Prereq: PILT 2150, concurrent with PILT 2210. This course is taught one-on-one with a flight instructor. It includes the practical knowledge to fly a multi-engine aircraft safely and to the standards required for FAA certification.

PILT 2240 COMM PILT FIX-WING LAB II 2 CR.
Prereq: PILT 2200. Course completes the foundation necessary to prepare student for the FAA Part 141 commercial pilot certification examination. Commercial maneuvers in a complex aircraft will be required for approximately 37 hours.

PILT 2245 COMM PILT CERT ROTORWING LAB II 2 CR.
Prereq: PILT 2220. Course will complete the foundation necessary to prepare the student to take FAA Part 141 commercial pilot certification examination.

PILT 2250 PHYSICS OF FLIGHT 2 CR.
Theory and practical application of the laws of physics as they pertain to pilots. An understanding of the elements of aerodynamics affecting the control of the flight of an aircraft will be taught.

PILT 2300 CF/1 AIRPLANE LAB 2 CR.
Prereq: PILT 2250. Students desiring to instruct other pilot candidates are prepared in the aircraft by a flight instructor. Course will include flight maneuvers required for the FAA CFI certification process.

PILT 2305 CF/1 ROTOR-WING 2 CR.
Prereq: PILT 2250. Students desiring to instruct other pilot candidates are prepared in the aircraft by a flight instructor. Course will include flight maneuvers required for the FAA CFI certification process.

PILT 2310 HUMAN FACTORS AND SAFETY 3 CR.
Pilot performance affected by training, environment, stress, fatigue, & cockpit design will be discussed. Study of accidents & pilot error as they relate to safety. Illusions, vertigo, & disorientation will be studied.

PILT 2340 CF/1 GROUND SCHOOL 3 CR.
Prereq: PILT 2300. Designed to teach learning theories, styles, domains, communication techniques, teaching process, teaching methods, lesson plans, evaluation of student performance & human factors resulting in knowledge required to teach students.

PILT 2350 CF/1 INSTRUMENT F/WING LAB 1 CR.
Prereq: PILT 2300. This course will prepare the flight instructor with the requirements to become FAA certified to instruct in instrument flight.

PILT 2355 CF/1 INSTRUMENT R/WING 1 CR.
Prereq: PILT 2305. Course prepares flight instructor to become FAA certified to instruct students in rotorcraft for instrument flight. Includes maneuvers required for the FAA CF/1 Instrument Rotorcraft-Helicopter Practical Test Standards.

PILT 2400 CF/1 MULTI-ENGINEERING FIXED-WING LAB 1 CR.
Prereq: PILT 2300, PILT 2340. Certified flight instructors master multi-engine aircraft operation to safely and competently demonstrate the course of instruction leading to the multi-engine CFI rating.

PILT 2405 TURBINE TRANSITION ROTOR-WING 2 CR.
Prereq: PILT 2305. Certified flight instructors master Turbine-engine aircraft operation to proficiency level that meets or exceeds the criteria outlined in the turbine-engine rotorcraft manufactures ground and flight procedures handbook.

PILT 2420 AIRCRAFT SYSTEMS 2 CR.
This is an introductory course to provide pilots with the understanding of aircraft systems, components, & basic operations general to all aircraft. Included will be information about power plants, fuel, & electrical systems.

PILT 2440 MOUNTAIN FLYING FIXED-WING LAB 1 CR.
Prereq: PILT 1150, PILT 2050. Students will learn proper techniques for safe mountain flying operations. This course includes practical application under the direction of an experienced FAA Part 141 mountain pilot.

PILT 2445 MOUNTAIN OPS ROTOR-WING LAB 1 CR.
Prereq: PILT 1155, PILT 2050. Students will learn proper techniques for safe mountain flying operations. This course includes practical application under the direction of an experienced mountain pilot.

PILT 2445 UTILITY OPER ROTOR-WING 1 CR.
Prereq: PILT 1155, PILT 2050. Students will learn proper techniques for safe procedures in specialized areas of rotorcraft operations. This course includes practical applications with external loads under the direction of an experienced utility pilot.

PILT 2470 CORPORATE/BUSINESS AVIATION 2 CR.
This course will acquaint the student with a broad range of topics including corporate & business flight management, type of aircraft used, operational considerations and regulations of the industry.

PLI 1110 PLUMBING I 5 CR.
Prereq: CPT, 75 Arithmetic, 40 Algebra or PLI 1470. This is an introduction to the plumbing trade, history, plumbing as a career. Safety on the job site and with tools including safe handling and use, applied mathematics for plumbers & the study of water sources and gases are covered.

PLI 1120 PLUMBING II 5 CR.
Prereq: PLI 1110. This is the study of mathematics for plumbers, first aid and CPR certification and safety on the job site and with tools and equipment. Course of study includes plumbing fixtures, faucets, valves and blueprint reading.

PLI 1210 PLUMBING II A 5 CR.
Prereq: PLI 1120. Installation practices, introduction to blueprint reading & applied mathematics for plumbers. Properties of water, water pressure, safety on the job site and tools and equipment scaffolding and safety above ground.

PLI 1220 PLUMBING II B 5 CR.
Prereq: PLI 1210. This is the study of installation practices and applied mathematics for plumbers. Theory and practice of seals, traps, air chambers, manometers and u-tubes will be covered.

PLI 1470 MATH FOR THE TRADES (GS) 5 CR.
This is a customized plumbers’ course in applied mathematics for the trades including algebraic and trigonometric functions.

PLI 2000 PLUMBING CO-OP 3 TO 6 CR.
Prereq: Instructor’s approval. College credit for experience on the job site. Arranged in advance. Requirements are determined by the employer.

PLI 2310 PLUMBING III A 5 CR.
Prereq: PLI 1220. This is the study of fixtures, testing of systems, measurements and grease traps. Intense study of the applicable code and continued mathematics for plumbers will be taught.

PLI 2320 PLUMBING III B 5 CR.
Prereq: PLI 2310. This is an introduction to water heaters and appliance venting, fuel gas piping and control devices. Applied mathematics for plumbers, study of the applicable codes, roof drains and blueprint readings will be covered.

PLI 2410 PLUMBING IV A 5 CR.
Prereq: PLI 2320. Installation practices, repair and service work. Blueprint reading, indirect water systems and special waste systems. Hydraulic theory, heating systems and their practical application.

PLI 2420 PLUMBING IV B 5 CR.
Prereq: PLI 2410. This is the continuation of blueprint reading, gas appliance venting and piping, practical applied application and estimating. Study of the applicable code and review will be included.
PLS 1020 INTRODUCTION TO CIVIL LITIGATION 3 CR.
This course overviews the federal and state civil court systems. Students will examine civil procedural rules and stages of litigation. The role of the paralegal will be examined at each stage of the litigation process.

PLS 1030 INTRODUCTION TO RESEARCH & WRITING 3 CR.
Prereq: ENGL 1010 Students learn and apply basic research principles to fact situations encountered in a law office. Students will gain familiarity with research tools and methodologies including preparing simple office memorandum and citation style.

PLS 1050 LEGAL RESEARCH & WRITING II 3 CR.
Prereq: PLs 1020, PLS 1030 Continues and builds on the study of research skills begun in PLS 1030. Emphasizes legal writing aspect of research and writing: appropriate formats, styles and analysis. Paralegal Majors must complete course with a grade of B or better.

PLS 1070 CRIMINAL LAW & PROCEDURE 3 CR.
Overview of criminal law and criminal procedure topics such as elements of crime, mental states, defenses to crimes, constitutional and statutory limitations on prosecutions, the trial process, sentencing and appellate issues, the trial process, sentencing and appellate issues.

PLS 1080 CONTRACTS 3 CR.
Class examines the elements of basic contracts. It covers sales of goods, sales discharge and damages. Students will analyze various types of contracts and learn to draft a simple contract.

PLS 1100 BANKRUPTCY AND COLLECTIONS 3 CR.
This course examines the collection of debts and the discharge of certain financial obligations in bankruptcy, including Chapter 7, 11 and 13 filings. It includes basic collections, bankruptcy law, pleadings and schedules. Paralegal majors choosing this elective must complete the course with a grade of C or better.

PLS 1110 WILLS, PROBATE AND ESTATES 3 CR.
Course covers preparation of wills, deposition of property other than by will, probate administration and estate litigation. Estate planning and functions of paralegals in this legal area discussed.

PLS 1120 PARALEGAL PROC. I 3 CR.
Course covers principles and practice of legal interviewing and fact investigation. Students practice initial client interviews, field investigation, follow up interviews and develop effective human relations and communication skills.

PLS 1130 ADMINISTRATIVE LAW 3 CR.
This survey class covers variety of paralegal opportunities, duties and tasks available in the active practice of government offices and agencies.

PLS 1140 ENVIRONMENTAL LAW 3 CR.
Prereq: PLS 1030 Students will study the legal aspects of environmental law: issues such as EPA regulations, endangered species, mining, oil and gas leases, clean air and water.

PLS 1160 IMMIGRATION LAW AND PROCEDURE 3 CR.
Overview of immigration law and procedures. Will focus on practical skills, relevant legal terms, unique immigration court structure, eligibility requirements for citizenship and how to assist in the preparation of required immigration documents.

PLS 1170 FAMILY LAW 3 CR.
The class focuses on Utah statutes and case law governing relationships between husband & wife and their relationship with their offspring. Also basic elements of marriage, divorce, alimony, property distribution and child custody.

PLS 1180 EVIDENCE 3 CR.
This course examines the Utah Rules of Evidence. Students will also apprehend differences in the Federal Rules. The course demonstrates the applicability of the rules as they pertain to the in-court admission of evidence and testimony. Prereq: PLS 1070

PLS 1190 CONSTITUTIONAL LAW 3 CR.
Course exposes students to the history and substance of the Constitution & the Bill of Rights. Students will discover the role of the Constitution in our legal system and government. The role of the state constitution will be reviewed.

PLS 1300 TORTS 3 CR.
This is an overview of tort law. Specific skills will be developed in research analysis, drafting and investigation. The course includes negligence, wrongful death, products liability and medical malpractice.

PLS 1530 REAL ESTATE LAW 3 CR.
Study of principles of title, ownership and transfer, joint tenants and tenants in common. Documents of conveyance, security instruments' notes & contracts, liens, foreclosures & redemptions, escrow and closing, public records, & taxes.

PLS 2000 PARALEGAL CO-OP 1 TO 6 CR.
Prereq: PLS 1050 and faculty approval. Students participate in supervised work experience in a business, industrial or government environment related to paralegals. Credit awarded for successful completion of specific learning objectives that provide new learning on the job.

PLS 2010 COMPUTER ESSENTIALS FOR PARALEGALS 3 CR.
Prereq: CIS 1020 or Challenge Exam. This class introduces students to computer programs and databases involved in litigation and case management. The latest in technology for the legal community will be explored.

PLS 2050 LEGAL RESEARCH & WRITING III 3 CR.
Prereq: PLS 1050. This course is designed to bring the research expertise gleaned in R & W I together with the writing abilities learned in R & W II. Course provides practical opportunity and experience preparing persuasive legal memorandum.

PLS 2070 MEDIATION 3 CR.
Prereq: Variable Mediation, an alternative to litigation, is the conflict resolution process that permits parties to satisfactorily resolve the dispute. Students learn the art and techniques of mediation through the role of the mediator.

PLS 2090 PARALEGAL PRACTICUM 3 CR.
Prereq: Program approval. Course provides students with practical experience working on actual research assignments and projects provided through the law and mediation center. Students will experience legal work both as individuals and members of a team.

PLS 2190 ETHICS 3 CR.
Prereq: 12 hours of PLS classes. Course explores the ethical standards of attorneys and paralegals. Topics include the unauthorized practice of law, confidentiality and professionalism. The disciplinary process is also discussed.

PLS 2200 LEGAL PORTFOLIO 3 CR.
Prereq: Program approval. Students will refine or prepare a cover letter, resume and writing sample to assist in preparing a portfolio for a job search. Current job markets, growth areas and other nontraditional job opportunities also will be examined.

PLS 2250 SECURITIES 3 CR.
Prereq: PLS 1010 Federal and State statutes governing the offering and sale of securities, notes, stocks, bonds and debentures will be covered.

PLS 2260 HOLLYWOOD AND THE LAW 3 CR.
Prereq: Variable. Course designed as an enjoyable examination of principles of law as portrayed by Hollywood. Students will study and discuss movies about issues of procedures & constitutional significance. Course designed for the short summer session.

PLS 2990 SPECIAL TOPICS 3 CR.
Prereq: Variable to topic. Course focus is on special projects and/or current topics arranged as needed. Course offers students actual paralegal experience in variety of topics available with assistance from instructors specializing in subject area presented.
POLS 1100 US GOVERNMENT & POLITICS (AI) 3 CR.
Prereq: RDG 0990. This is a survey of the institutions and practices of the U.S. government with emphasis placed on political behavior and social conflict. Certain sections taught using service learning.

POLS 1110 INTRODUCTION STATE/LOCAL GOVERNMENT 3 CR.
This is an overview of state and local political systems with an emphasis on the constitutional underpinnings, major institutions, practices and public policies at the state and local level.

POLS 1900 SPECIAL STUDIES 1 TO 2 CR.
Prereq: Instructor approval. Under the instructor’s supervision, an individualized curriculum is jointly developed and followed.

POLS 2000 INTERNSHIP 2 TO 4 CR.
Prereq: Instructor approval. Students undertake a supervised hands-on experience in the public sector such as election, legislative, and administrative processes.

POLS 2070 DIVERSITY & US POLITICS (SS/DV) 3 CR.
Prereq: POLS 1100. Introductory course examines perspectives of long-silenced voices in US politics. It studies racism, sexism, discrimination, inequitable treatment, forced inclusion and exclusion, and barriers to economic and political participation.

POLS 2100 INTRODUCTION INTERNAT. POLITICS (ID) 3 CR.
This is an introduction to the basic concepts, processes and relationships in the international political arena, with particular emphasis on conflict and cooperation between and among nations.

POLS 2200 INTRO/COMPARATIVE POLITICS (SS) 3 CR.
Prereq: None. This course analyzes how historical and/or contemporary political systems differ in terms of institutions, public policies, and political practices.

POLS 2300 POLITICAL IDEOLOGIES (SS) 3 CR.
This surveys significant political ideologies, documenting their present and past relevance to society. Emphasis is placed on conservatism, fascism, liberalism, and socialism.

POLS 2900 SPECIAL TOPICS 1 TO 3 CR.
Prereq: Instructor approval. This is a course designed by faculty which allows students to explore specific interest areas of political science in a classroom setting.

POLS 2950 LEADERSHIP 2 CR.
This multi-disciplinary course will focus on leadership and management skills, including communication, motivation, problem solving, conflict management and goal setting with an emphasis on personal growth.

POR 1010 BEGINNING PORTUGUESE I 5 CR.
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in the Portuguese culture. Lab attendance is required.

POR 1020 BEGINNING PORTUGUESE II (LN) 5 CR.
Prereq: POR 1010 or instructor's approval. Second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

POR 1300 BEGINNING CONVERSATION 1 CR.
Prereq: POR 1010 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group work and presentations. Lab attendance may be required. May be repeated for credit.

POR 1900 SPECIAL STUDIES IN PORTUGUESE 1 TO 2 CR.
Prereq: Instructor's approval. In this course in language and culture, students plan areas of study, service learning or travel and work with an instructor on an individual basis. Some work may be done in groups. Lab may be required. May be repeated for credit.

POR 2010 INTERMEDIATE PORTUGUESE I 4 CR.
Prereq: POR 1020 or instructor’s approval. Second-year Portuguese courses increase functional language ability focusing on listening, speaking, reading, writing as well as increased focus on culture (philosophies, history, geography, literature, etc.) Lab attendance is required.

POR 2020 INTERMEDIATE PORTUGUESE II 4 CR.
Prereq: POR 1020 or instructor’s approval. Fourth in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

POR 2300 CONVERSATION 1 CR.
Prereq: POR 1020 or instructor’s approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group activities and presentations. Lab attendance required. May be repeated for credit.

POR 2700 INTRODUCTION TO LITERATURE 3 CR.
Prereq: POR 2010 or POR 2020 Second year courses focus on improvement of listening, speaking, reading, writing and culture skills. Major objective is to increase functional language ability through holistic approach to literature. Lab attendance required.

POR 2710 INTRODUCTION TO PORTUGUESE FILM 3 CR.
Prereq: POR 2010 or instructor’s approval. Course will aid students in their study of language and culture. Films will be viewed with subtitles and written work and discussions will be in Portuguese. Lab attendance required.

POR 2900 SPECIAL TOPICS IN PORTUGUESE 1 TO 3 CR.
This is a course designed by faculty which allows students to explore specific interests in Portuguese language and culture. Lab attendance required. May be repeated for credit.

PSY 1010 GENERAL PSYCHOLOGY (SS) 3 CR.
A basic survey of psychology examining the historical and current foundations supporting the scientific study of mind and behavior.

PSY 1100 HUMAN GROWTH & DEVELOPMENT (SS) 3 CR.
Fundamentals of growth and development relating to effective human relationships within the family and the study of behavior and cultural influences from infancy through adulthood.

PSY 1210 PERSONAL GROWTH & DEVELOPMENT 3 CR.
Introduction to the psychology of adjustment which combines research-based theory with personal application. Explores techniques for better adjustment and understanding effects of personal behavior on others.

PSY 1900 SPECIAL STUDIES 1 TO 2 CR.
Prereq: PSY 1010 or instructor's approval. Under an instructor's supervision, students develop and follow an individualized curriculum.

PSY 2000 PSYCHOLOGY CO-OP EDUCATION 2 TO 4 CR.
Prereq: PSY 1010, Sophomore w/2.0 GPA, study related employ. Supervised work experience with specific learning objectives in a business, industrial or government environment to provide learning on the job and in the program major.

PSY 2250 PERSONALITY THEORY 3 CR.
Prereq: ENGL 1010, PSY 1010 An introduction to the psychological study of personality which focuses on personality theory, personality assessment techniques and personality changes with emphasis on developing a scientific approach to understanding self.

PSY 2300 ABNORMAL PSYCHOLOGY 3 CR.
Prereq: ENGL 1010, PSY 1010 An introduction to the psychological science of mental disorders including problems of emotion, mood, mind, schizophrenia and personality disorders. Diagnosis and treatment will also be considered.

PSY 2500 ECOPSYCHOLOGY 3 CR.
Prereq: ENGL 1010, PSY 1010 or SOC 1010. Focuses on understanding the behavior of individuals in social contexts with emphasis on how and why individuals behave, think, and feel as they do in social situations.

PSY 2600 THE PSYCHOLOGY OF RACE, CLASS, GENDER (SS, DV) 3 CR.
Prereq: PSY 2500. Race, class, gender, and sexual orientation are studied from a psychological perspective to examine how they are embedded in daily life, inform our lives and the lives of others, and the differences in power and privilege that exist.

PSY 2710 BRAIN AND BEHAVIOR 3 CR.
Prereq: PSY 1010. This course examines the biology of behavior, emphasizing underlying neural mechanisms, the interaction between genes and environment, and evolutionary pressures that have shaped the mind.

PSY 2900 SPECIAL TOPICS IN PSYCHOLOGY 1 TO 3 CR.
Prereq: PSY 1010 and instructor’s approval. A faculty designed course which allow students to explore specific areas of psychological interest in a classroom setting.

PTA 1010 INTRODUCTION TO PHYSICAL THERAPY 2 CR.
Students will explore the field of therapy including an overview of therapy treatments in different health care settings and pertinent legal and ethical considerations. Students will participate in clinical observation.
PTA 1500  PRACTICE ISSUES FOR THE PTA  2 CR.
Prereq: PTA 1010. The role of the PTA in various health care settings will be addressed as well as the organization of health care and its methods of delivery, and basic research principles.

PTA 2010  FUNCTIONAL ANATOMY  3 CR.
Prereq: PTA 1500 and acceptance into technical program. Students will explore neuro-musculo-skeletal anatomy in depth & relate to functional activity. Topics include neuroscience structure & function of the musculo-skeletal system, and components of human motion.

PTA 2015  FUNCTIONAL ANATOMY LAB  1 CR.
Prereq: PTA 1500 and admission into technical program. Students will palpate musculoskeletal anatomy in depth and relate it to data collection and functional activity.

PTA 2100  PATIENT CARE SKILLS  2 CR.
Prereq: Admission into technical portion of program. Students learn the application of patient care skills, body mechanics, principles and use of mobility devices, and medical documentation.

PTA 2110  PATIENT CARE SKILLS LAB  1 CR.
Prereq: Admission into technical portion of program. Students practice patient care skills, body mechanics, transfers, use of mobility devices, & medical documentation.

PTA 2200  THERAPEUTIC MODALITIES  2 CR.
Prereq: Admission into technical portion of program. Students learn the theory of therapeutic modalities using heat, cold, radiation, and electricity.

PTA 2210  THERAPEUTIC MODALITIES LAB  2 CR.
Prereq: Admission into technical portion of program. Students practice applications of therapeutic modalities using heat, cold, radiation, sound, and electricity.

PTA 2300  PRINCIPLES OF THERAPEUTIC EXERCISE  2 CR.
Prereq: Admission into technical portion of program. Students learn the principles and techniques of therapeutic exercise.

PTA 2310  PRINCIPLES OF THERAPEUTIC EXERCISE LAB  2 CR.
Prereq: Admission into technical portion of program. Students practice techniques of therapeutic exercise, including uses of specialized exercise equipment.

PTA 2350  DATA COLLECTION FOR THE PTA  2 CR.
Prereq: Completion prior sem courses per established curriculum plan. Students develop competency in data collection skills including manual muscle testing, range of motion assessment, evaluation of posture and gait, balance assessment, and selected special tests.

PTA 2360  DATA COLLECTION FOR PTA LAB  2 CR.
Prereq: Completion prior sem courses per established curriculum plan. Students learn how to implement data collection skills including manual muscle testing, range of motion assessment, evaluation of posture and gait, balance assessment, and selected special tests.

PTA 2400  MUSCULOSKELETAL DISORDERS  3 CR.
Prereq: Admission to the program. Students are introduced to musculoskeletal pathology and the development/implementation of clinical treatment plans for these disorders.

PTA 2410  MUSCULOSKELETAL DISORDERS LAB  1 CR.
Prereq: Completion prior sem courses per established curriculum plan. Students develop treatment skills for post-surgical, orthopedic, industrial and amputation clients.

PTA 2450  NEUROLOGICAL DISORDERS  2 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Students will learn principles and components of physical therapy procedures for the neurological patient.

PTA 2460  NEUROLOGICAL DISORDERS LAB  2 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Students implement physical therapy techniques and design treatments for selected neurological disorders.

PTA 2510  PT FOR SPECIFIC CLIENTELE  3 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Students learn principles and components of physical therapy interventions in acute care workplace settings, women's and men's conditions, cardiovascular, pulmonary and pediatric disorders.

PTA 2520  PT FOR SPECIFIC CLIENTELE LAB  1 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Students implement principles and components of physical therapy interventions in acute care workplace settings, women's and men's conditions, cardiovascular, pulmonary and pediatric disorders.

PTA 2530  GERONTOLOGY  2 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Students will learn the biological, psychological, and physical facets of the aging process. Selected treatment approaches unique to an aging population will be presented and discussed.

PTA 2550  REHABILITATION PSYCHOLOGY  2 CR.
Prereq: Completion of prior semester courses per established curriculum plan. PTA students will learn the psychological aspects of the rehabilitation process. Topics include health locus of control, learned helplessness, self-efficiency and the biopsychosocial model of treatment.

PTA 2600  CLINICAL EXPERIENCE I  4 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Students will participate in supervised clinical experience in physical therapy departments affiliated with the College.

PTA 2700  CLINICAL INTERNSHIP I  6 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Students will complete an internship including practical performance and application of physical therapy procedures and techniques under supervision in selected physical therapy clinical settings.

PTA 2710  CLINICAL INTERNSHIP II  6 CR.
Prereq: PTA 2700. Students will complete a culminating internship demonstrating practical performance and application of physical therapy procedures and techniques under supervision in selected physical therapy clinical settings.

PTA 2750  SEMINAR FOR THE PTA  1 CR.
Prereq: Completion prior semester courses per established curriculum plan. Students will integrate principles of academic learning with clinical practice and presentation of current trends and issues in PT, along with professional journal reviews, and development of employment skills.

PTA 2850  SPECIAL TOPICS FOR PTAS  2 CR.
Prereq: Instructor's approval. This is a special studies course to prepare students for the national licensing examination and facilitate the development of professionalism.

PTA 2950  SPORTS PHYSICAL THERAPY  2 CR.
Prereq: Acceptance into technical portion of program. Students learn principles of injury prevention and therapeutic rehabilitation applied to the practice of sport and competitive physical activity.

PTA 2960  PT AND OT IN THE WORKPLACE  2 CR.
Prereq: Acceptance into program. Students learn principles of work hardening, work conditioning, industrial rehabilitation as well as work place safety, injury, prevention ergonomics, and the ADA.

RADS 1010  INTRODUCTION TO RADIOLOGIC TECHNOLOGY  2 CR.
Prereq: Exploration into the field of radiography and its role in health care delivery. Fundamental radiography concepts to include radiation protection, medical terminology, ethics, professional development and hospital operations.

RADS 1020  RADI. ANATOMY & PROCEDURES I  4 CR.
Prereq: Admission to the program. This course covers anatomy and radiographic procedures. The upper extremity, chest and abdomen are included. The shoulder girdle and lower extremity are also covered. Builds skill to help obtain radiographs in those units.

RADS 1030  RADIOGRAPHIC IMAGING I  2 CR.
Prereq: Admission to the program. This course covers anatomy and radiographic procedures. The upper extremity, chest and abdomen are included. The shoulder girdle and lower extremity are also covered. Builds skill to help obtain radiographs in those units.

RADS 1040  CLINICAL EDUCATION I  4 CR.
Prereq: Admission to the program. Students attend a clinical setting 24 hours each week. Initial skills required of a radiographer are established. Patient care, upper limb, chest & abdomen & shoulder girdle covered. Activities are guided by a competency-based system.

RADS 1050  PATIENT CARE  2 CR.
Prereq: Admission to the program. Covers the role of a radiographer as patient care provider. Topics include, standard precautions, immobilization, lifting, emergencies, vital signs, oxygen & suction, ascpisis and infection control, history taking, communication and patient education.
COURSE DESCRIPTIONS

RADS 1110  RADIATION PROTECTION  2 CR.
Prereq: RADS 1030 Radiation protection concepts to include biological effects on living systems, radiation units, interactions with matter and radiation exposure limits. Radiation practices and standards for patients and personnel.

RADS 1120  RAD. ANATOMY & PROCEDURES II  4 CR.
Prereq: RADS 1020. This course covers anatomy and procedures of the spine, pediatrics, thorax, skull, sinuses and facial ostearthrosis, osteoporosis.

RADS 1130  RADIOGRAPHIC IMAGING II  4 CR.
Prereq: RADS 1030. Principles of x-ray image creation to include controlling scatter, grids, exposure factors and technique conversion. Concepts related to production of x-rays, radiographic tube, x-ray beam emission and circuitry system.

RADS 1140  CLINICAL EDUCATION II  4 CR.
Prereq: RADS 1040. Students attend a clinical setting 24 hours each week. They continue to expand their patient care skills. Emphasis is on performing procedures independently. Activities are guided by a competency-based system.

RADS 1220  RAD. ANATOMY & PROCEDURES III  2 CR.
Prereq: RADS 1120. This course covers anatomy and procedures of the gastro-intestinal and genito-urinary systems.

RADS 1240  CLINICAL EDUCATION III  3 CR.
Prereq: RADS 1140. Students attend a clinical setting 24 hours each week. They continue to broaden their clinical skills. Emphasis is on increased accuracy and confidence. Activities are guided by a competency-based system.

RADS 2010  IMAGE ANALYSIS  2 CR.
Prereq: RADS 1220. An advanced course that requires students to analyze all technical aspects of radiographic image production and use problem-solving skills to determine proper corrections required for unacceptable radiographs.

RADS 2020  RAD. ANATOMY & PROCEDURES IV  2 CR.
Prereq: RADS 1220. Procedures of an advanced and specialized nature covered. Includes mobile, trauma and operating room radiography. Circulatory system anatomy and procedures also covered.

RADS 2030  RADIOGRAPHIC IMAGING III  2 CR.
Prereq: RADS 1130. Imaging principles related to mobile, fluoroscopic, digital, tomography and electronic imaging. Quality assurance and quality management practices. Advanced imaging modalities: CT MRT, sonography, therapy, nuclear medicine and CIT.

RADS 2040  CLINICAL EDUCATION IV  4 CR.
Prereq: RADS 1240. Students attend a clinical setting 24 hours each week. Emphasis is on increased problem-solving skills. Also emphasized is accurate exposure factor selection. Activities are guided by a competency-based system.

RADS 2050  ADVANCED PATIENT CARE  2 CR.
Prereq: RADS 1050. Covers advanced skills required while caring for a patient. Topics include ethics and law, contrast media, pharmacology. Also includes venipuncture and care for age-specific patient.

RADS 2060  RADIOBIOLOGY  2 CR.
Prereq: Completion of prior semester courses per curriculum plan. Interactions of radiation with living systems. Radiation effects on molecules and organisms. Factors affecting biological response. Initial and long-term effects of radiation exposure.

RADS 2100  COMPREHENSIVE RADIOLOGY  3 CR.
Prereq: RADS 2030. Students will review all past program courses to prepare them to take and pass the ARRT certification examination in Radiography.

RADS 2110  RADIOGRAPHIC PATHOLOGY  2 CR.
Prereq: RADS 2050. Students will learn signs and symptoms of diseases. Students also will be able to identify diseases on radiographs and discuss how diseases impact the performance of radiologic exams with respect to technical factors and patient care.

RADS 2120  SECTIONAL ANATOMY  2 CR.
Prereq: Completion of prior semester courses per established curriculum plan. Covers understanding and identification of abdomen, pelvis, heart, neck, and chest anatomy as seen on sagittal, coronal, axial and other images using the modalities of CT and MRI. Basic usage and knowledge of CT instrumentation and function will also be introduced.

RADS 2140  CLINICAL EDUCATION V  4 CR.
Prereq: RADS 2040 Students attend a clinical setting 24 hours a week. Emphasis on performing with accuracy and efficiency. Students gain entry level skills required for work force. Activities are guided by a competency-based system.

RDG 0900  DEVELOPMENTAL READING  5 CR.
Prereq: CPT reading comprehension score between 40 and 58. Designed to help students develop confidence in their reading abilities. Enables students to discover basics of academic reading processes through critical thinking, reading, writing, and speaking.

RDG 0990  ADVANCED READING  3 CR.
Prereq: CPT score of 58-70 or pass RDG 0900 with a C grade or better. Whole language format that develops critical thinking and academic reading comprehension skills. Prepares students to become full participants in courses requiring college-level reading.

RFA 1250  REFRIGERATION BASIC ELECTRICAL  2 CR.
Basic principles & applications of electricity common to HVACR service technicians including troubleshooting and repair techniques.

RFA 2300  ELECTRICAL CONTROLS  2 CR.
This course covers equipment, tools, and codes associated with electrical components of refrigeration.

RFA 2310  STEAM SYSTEMS  2 CR.
Prereq: Instructor’s approval Electric pumps and steam systems and refrigeration will be covered.

RFA 2350  REFRIGERATION I  2 CR.
History of pipe trades, care and use of tools, basic instruction in steam fitter/pipefitter, math rigging, signaling, blueprint reading and interpretation will be covered.

RFA 2400  AIR CONDITIONING I  2 CR.
This course introduces refrigerant principles and the basics of air-conditioning.

RFA 2410  TROUBLESHOOTING  2 CR.
Prereq: Instructor’s approval. Students will learn pipe drafting, hydronic systems two and air-conditioning.

RFA 2450  CHILLERS  2 CR.
Theory and practical application of chillers including components, pumps, safety, and inspection.

RFA 2500  SHOP PROJECTS  2 CR.
This course allows students to complete hands-on projects in a supervised shop environment.

RFA 2510  EVAPORATORS, COMPRESSORS, COND  2 CR.
Prereq: Approval Electric controls, introduction to industrial pipe fitting and power piping and introduction to start, test and balance will be taught.

RFA 2520  REFRIGERANT CONTROLS  2 CR.
Prereq: Instructor approval. Start, test and balance, instrumentation and process controls, builders’ level and transit study will be examined.

RFA 2530  START, TEST AND BALANCE I  2 CR.
The study of procedures for new or repaired equipment start-up, testing of all equipment phases, and balancing a system for proper performance.

RFA 2540  START, TEST AND BALANCE II  2 CR.
Instruction in the physical preparation and start up of a new system including testing and balancing of all phases of the equipment performance.

RFA 2560  INSTRUMENTATION, PROCESS CNTRL  2 CR.
Theory and hands on application of control and measurement instruments and process control including computer oriented control systems.

RFA 2570  PNEUMATIC CONTROLS  2 CR.
Theory and hands on application study of pneumatic controls, materials for installation, trouble-shooting, and repair.

RFA 2580  AIR CONDITIONING II  2 CR.
Advanced theory and hands on application of air conditioning principles, air handling equipment, installation, repair, troubleshooting and advanced specialty equipment needs and requirements.

RFA 2590  REFRIGERATION II  2 CR.
Advanced theory and hands on application of refrigeration principles, equipment, installation, repair, troubleshooting and advanced specialty equipment needs and requirements.
COURSE DESCRIPTIONS

RFA 2600  ADV. ELECTRICITY/ELECTRONICS   2 CR.
Advanced study of electrical principles and applications to refrigeration systems and electronic controls including installation, repair, and trouble-shooting.

RFA 2610  TEST PREP:REFRIGERATION   2 CR.
This course is to assist the Apprentice in preparation for Journeyman exam. It is a hands-on practical application course of materials and equipment used in the trade.

ROPE 1010  INTRODUCTION TO SKI LIFT MAINTENANCE   1 CR.
Introductory course will provide an overview of ski lift operations and maintenance and potential careers in this field.

RUS 1010  BEGINNING RUSSIAN I   5 CR.
First in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in the Russian culture. Lab attendance is required.

RUS 1020  BEGINNING RUSSIAN II (LN)   5 CR.
Prereq: RUS 1010 or instructor's approval. Second in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of the first year is to develop functional language ability in survival and social situations. Lab attendance required.

RUS 1300  BEGINNING CONVERSATION   1 CR.
Prereq: RUS 1010 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group work and presentations. Lab attendance may be required. May be repeated for credit.

RUS 1900  SPECIAL STUDIES IN RUSSIAN   1 TO 3 CR.
Prereq: Instructor's approval In this course in language and culture, students plan areas of study, service learning or travel and work with an instructor on an individual basis. Some work may be done in groups. Lab may be required. May be repeated for credit.

RUS 2010  INTERMEDIATE RUSSIAN I   4 CR.
Prereq: RUS 1020 or instructor's approval. Third in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance is required.

RUS 2020  INTERMEDIATE RUSSIAN II   4 CR.
Prereq: RUS 2010 or instructor's approval. Fourth in a series of four courses which focus on listening, speaking, reading, writing and culture. Major objective of second year is to increase functional language ability. Emphasis is on proficiency. Lab attendance required.

RUS 2200  CONVERSATION   1 CR.
Prereq: RUS 2020 or instructor's approval. Course practices currently held conversation skills to increase speaking ability and vocabulary. Includes role-plays, small group activities and presentations. Lab attendance required. May be repeated for credit.

RUS 2700  INTRODUCTION TO LITERATURE   3 CR.
Prereq: RUS 2010 or RUS 2020. Second year course focuses on improvement of listening, speaking, reading, writing and culture skills. Major objective is to increase functional language ability through holistic approach to literature. Lab attendance required.

RUS 2710  INTRODUCTION TO RUSSIAN FILM   3 CR.
Prereq: RUS 2020 or instructor's approval. Course will aid students in their study of language and culture. Films will be viewed with subtitles and written work and discussions will be in Russian. Lab attendance required.

RUS 2900  SPECIAL TOPICS IN RUSSIAN   1 TO 3 CR.
This is a course designed by faculty which allows students to explore specific interests in Russian language and culture. Lab attendance required. May be repeated for credit.

SAM 1010  BEGINNING SAMOAN I   5 CR.
The first in a four-course series focusing on five skills: listening, speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

SAM 1020  BEGINNING SAMOAN II (LN)   5 CR.
Prereq: SAM 1010 or instructor's approval. The second in a four-course series focusing on five skills: listening, speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

SAM 1300  BEGINNING CONVERSATION   1 CR.
Prereq: SAM 1010 or instructor's approval. Beginning Samoan Conversation is intended to practice previously-acquired conversation skills to increase speaking ability and vocabulary. Attendance in lab is required. Course may be repeated for credit.

SAM 1900  SPECIAL STUDIES IN SAMOAN   1 TO 2 CR.
Prereq: Instructor approval. Students plan areas of study, service learning or travel with the instructor on an individual basis. Topics may be in language or culture. Lab may be required. May be repeated for credit.

SAM 2100  INTERMEDIATE SAMOAN I   4 CR.
Prereq: SAM 1020 or instructor's approval. The second year of Samoan focuses on five skills: listening, speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

SAM 2200  INTERMEDIATE SAMOAN II   4 CR.
Prereq: SAM 1020 or instructor's approval. The second year of Samoan focuses on five skills: listening, speaking, reading, writing and culture to develop functional language ability in survival & social situations. Emphasis is on proficiency. Attendance in lab is required.

SAM 2300  INTERMEDIATE CONVERSATION   1 CR.
Prereq: SAM 1020 or instructor's approval. Intermediate Samoan Conversation is intended to practice previously-acquired conversation skills to increase speaking ability and vocabulary. Attendance in lab is required. Course may be repeated for credit.

SAM 2900  SPECIAL TOPICS IN SAMOAN   1 TO 3 CR.
This is a course designed by faculty which allows students to explore specific interests in Samoan language and culture. Lab attendance is required. May be repeated for credit.

SHA 1110  STAGEHANDS 1 A   5 CR.
This course provides the basic foundation for stagecraft with the basics of stage and scenic carpentry, electrical theory and stage electrics, properties, and on-the-job protocols.

SHA 1120  STAGEHANDS 1 B   5 CR.
Theatre history, stagecraft responsibilities and proper handling and storage of set pieces, and wardrobe.

SHA 1210  STAGEHANDS II A   5 CR.
Theory and practical application including lamps and cables, Trade Shows setup and maintenance. Also costume dressing and management.

SHA 1220  STAGEHANDS II B   5 CR.
Theory and hands-on application for sound, lighting boards, forklift operation and certification, and construction and repair of stock scenery pieces.

SHA 2000  STAGEHANDS CO-OP   2 TO 4 CR.
College credit for experience on the job site. Arranged in advance. Requirements are determined by the employer.

SHA 2310  STAGEHANDS III A   5 CR.
Theory and practical hands-on application of stage carpentry and electrical, and instruction in Trade Show Electrical.

SHA 2320  STAGEHANDS III B   5 CR.
High lift and trade show rigging, audio-visual equipment and software, and an introduction to work within the film and movie industry.

SOC 1010  INTRODUCTION TO SOCIOLOGY (SS)   3 CR.
The nature and scope of sociology, including systematic treatment of group life, social institutions, social problems, social change and social control.

SOC 1020  SOCIAL PROBLEMS (ID)   3 CR.
Cultural, economic and social aspects of specific problems in modern societies including famine, population, ecological disasters, war and terrorism, poverty, race/ethnic and gender inequality, family, crime, health and illness.

SOC 1900  INDEPENDENT STUDIES   1 TO 3 CR.
Prereq: SOC 1010. Under the instructor’s supervision, students develop and follow an individualized curriculum.

SOC 2370  GENDER IN AMERICA (SS, DV)   3 CR.
Prereq: SOC 1010 or PSY 1010. Social construction of gender, connections between biological sex and gender, theories of gender socialization, impact of gender on relationships and communication, connection between social institutions and gender.
SOC 2400  INTERMOUNTAINWEST & PEOPLE (ID)  3 CR.
A basic study of the region known as the Intermountain West, its land and
its people. It is a holistic approach including its geography, history, culture,
and social institutions.

SOC 2600  MARRIAGE AND FAMILY  3 CR.
Prereq: SOC 1010. This course examines the nature of marriage and fami-
dy as an institution in society. Emphasis placed on the effects of modern
social structures and cultural values on interpersonal relationships and
family life.

SOC 2630  RACE AND ETHNICITY (SS, DV)  3 CR.
Prereq: SOC 1010. Role of ethnic and racial minorities in the United
States and the processes which arise when groups of people who differ
come into contact with each other will be studied.

SOC 2680  SOCIOLOGY OF AGING  3 CR.
Prereq: SOC 1010. This course introduces problems concerning the social
role of the aged in industrial societies and the general field of aging. Bio-
logical, psychological, and sociological aspects of aging will be
emphasized.

SOC 2900  SPECIAL TOPICS  1 TO 3 CR.
Prereq: SOC 1010. This is a course designed by faculty which allows stu-
dents to explore specific interests in areas of sociology in a classroom
setting.

SPN 1010  BEGINNING SPANISH I  5 CR.
First in a series of four courses which focus on listening, speaking, reading,
writing and culture. Major objective of the first year is to develop func-
tional language ability in the Spanish culture. Lab attendance is required.

SPN 1020  BEGINNING SPANISH II (LN)  5 CR.
Prereq: SPN 1010 or instructor’s approval. Second in a series of four
courses which focus on listening, speaking, reading, writing and culture.
Major objective of the first year is to develop functional language ability in
the Hispanic culture. Lab attendance is required.

SPN 1300  BEGINNING CONVERSATION  1 CR.
Prereq: SPN 1010 or instructor’s approval. Course practices currently held
conversation skills to increase speaking ability and vocabulary. Includes
role-plays, small group work and presentations. Lab attendance may be
required. May be repeated for credit.

SPN 1900  SPECIAL STUDIES IN SPANISH  1 TO 2 CR.
Prereq: Instructor's approval. In this course in language and culture, stu-
dents plan areas of study, service learning or travel and work with an
instructor on an individual basis. Some work may be done in groups. Lab
may be required. May be repeated for credit.

SPN 2010  INTERMEDIATE SPANISH I  4 CR.
Prereq: SPN 1020 or instructor’s approval. Second-year Spanish courses
increase functional language ability focusing on listening, speaking,
writing, as well as increased focus on culture (philosophies, history,
geography, literature, etc.) Lab attendance is required.

SPN 2020  INTERMEDIATE SPANISH II  4 CR.
Prereq: SPN 2010 or instructor’s approval. Fourth in a series of four
courses which focus on listening, speaking, reading, writing and culture.
Major objective of second year is to increase functional language ability.
Emphasis is on proficiency. Lab attendance required.

SPN 2040  INTERMEDIATE HERITAGE SPANISH  4 CR.
Prereq: For Spanish heritage speakers, raised in a home where Spanish is
spoken, must be bilingual to some degree. Instructor’s approval. Students
increase knowledge of Hispanic cultures, listening, speaking, reading,
writing and exploring a global understanding of Hispanic issues and chal-
enges. Lab attendance is required.

SPN 2050  INTERMEDIATE HERITAGE SPANISH  4 CR.
Prereq: For Spanish heritage speakers, raised in a home where Spanish is
spoken, must be bilingual to some degree. Instructor’s approval. Students
increase knowledge of Hispanic cultures, listening, speaking, reading,
writing and exploring a global understanding of Hispanic issues and chal-
enges. Lab attendance is required.

SPN 2300  CONVERSATION  1 CR.
Prereq: SPN 1020 or instructor’s approval. Course practices currently held
conversation skills to increase speaking ability and vocabulary. Includes
role-plays, small group activities and presentations. Lab attendance
required. May be repeated for credit.

SPN 2700  INTRODUCTION TO LITERATURE  3 CR.
Prereq: SPN 1020 or SPN 2020. Second year courses focus on improve-
ment of listening, speaking, reading, writing and culture skills. Major
objective is to increase functional language ability through holistic
approach to literature. Lab attendance required.

SPN 2710  INTRODUCTION TO SPANISH FILM  3 CR.
Prereq: SPN 1020 or instructor’s approval. Course will aid students in
their study of language and culture. Films will be viewed with subtitles
and written work and discussions will be in Spanish. Lab attendance required.

SPN 2900  SPECIAL TOPICS IN SPANISH  1 TO 3 CR.
This is a course designed by faculty which allows students to explore spe-
cific interests in Spanish language and culture. Lab attendance required.
May be repeated for credit.

SUB 1110  SUBSTATION APPRENTICE 1A  5 CR.
This course is for substation apprentices. Students will learn about basic
electricity, electrical safety, tool use, Ohm’s Law and series circuits. The
course also covers parallel, combination and DC fundamentals.

SUB 1120  SUBSTATION APPRENTICE 1B  5 CR.
Prereq: SUBE 1110 or departmental approval. Substation apprentices will
learn about reading electrical symbol diagrams, substations & switchyards,
safety in transmission & distribution maintenance, trigonometry for AC
electricity, induction & transformers, and T&D systems.

SUB 1210  SUBSTATION APPRENTICE 2A  5 CR.
Prereq: SUBE 1210 or departmental approval. Substation apprentices will
learn about safety in substations & switchyards, electromagnetic induc-
hion, high voltage AC power, transformers, reading electrical system
diagrams, and use of electrical test & line test equipment.

SUB 1220  SUBSTATION APPRENTICE 2B  5 CR.
Prereq: SUBE 1210 or departmental approval. Substation apprentices will
learn about distribution line safety, material handling bucket trucks,
power transformer insulation resistor testing, turns ration testing, oil tests
pressure relay testing and new inspection tests.

SUB 2310  SUBSTATION APPRENTICE 3A  5 CR.
Prereq: SUBE 2310 or departmental approval. Substation apprentices will
learn about safety in substations & switchyards, circuit breakers, contact
resistance testing, circuit breaker inspections, time travel and analysis,
hydraulic derricks, digging equipment, rigging.

SUB 2320  SUBSTATION APPRENTICE 3B  5 CR.
Prereq: SUBE 2310 or departmental approval. Substation apprentices will
learn about bucket truck safety, capacitors & reactors, voltage regulators,
relays 1 & 2, control equipment, high voltage terminations, and substation
battery, chargers, replacement and testing.

SUB 2410  SUBSTATION APPRENTICE 4A  5 CR.
Prereq: SUBE 2320 or departmental approval. Substation apprentices will
learn about SF6 gas properties & handling, current transformer testing,
vacuum bottle hi-pot testing, infrared conditioning monitoring, corona
discharge testing, and multi-meter operation and use.

SUB 2420  SUBSTATION APPRENTICE 4B  5 CR.
Prereq: SUBE 2320 or departmental approval. Substation apprentices will
learn about safety in transmission & distribution maintenance, use of
electrical test equipment, distribution line safety, power transformer turns
ratio testing and temperature indicating testing.

SURG 1200  INTRODUCTION TO SURGICAL TECHNOLOGY  6 CR.
Prereq: Admission into program. Fundamentals course in Surgical
Technology.

SURG 1250  ADVANCED SURGICAL THEORY  6 CR.
Prereq: SURG 1200 and BIOL 2320/2325. Course introduces student to
more advanced surgical practices, such as circulating duties, equipment
and surgical procedures.

SURG 1500  SURGICAL PROCEDURES 1  1 CR.
Prereq: SURG 1250, concurrent with SURG 1510. Course introduces
student to more advanced surgical practices and surgical procedures.

SURG 1510  SURGICAL PRACTICUM 1  5 CR.
Prereq: SURG 1250, concurrent with SURG 1500. A cooperative educa-
tional work experience in a clinical health facility under the direct
supervision of the personnel in the facility. Student expected to meet
objectives.

SURG 1600  COMPREHENSIVE SURG. TECHNOLOGY  1 CR.
Prereq: SURG 1500, SURG 1510, concurrent with SURG 1610. A review of
Surgical Technology knowledge learned throughout the program to
prepare students to pass the NBSTSA exam.
SURT 1610 SURGICAL PRACTICUM 2 5 CR.
Prereq: SURG 1500, SURG 1510, concurrent with SURG 1600. Course is a co-op work experience in a clinical health facility under direct supervision of professional in facility. Student is expected to meet certain objectives.

SURT 1010 INTRODUCTION TO SURVEYING 1 CR.
Covers a historical tour of surveying from its beginnings to the present. The course will emphasize mathematical and technological progress as well as the role of surveyors in the beginning of America.

SURT 1030 SURVEYING FIELD TECHNIQUES I 3 CR.
Prereq: SVT 1110 or MATH 1160. This course provides hands-on experience with survey equipment. Horizontal traverses, levels, distance measuring techniques and devices, including how to take field notes are explored.

SURT 1110 SURVEYING MATH I (QS) 4 CR.
Prereq: MATH 1010 or CPT score. Considers survey applications of algebra, trigonometry and analytic geometry. Includes bearing systems, elevations, traverse, adjustments & measurements corrections, horizontal/vertical curves, areas & volumes, partitioning of land.

SURT 1120 SURVEYING MATH II 4 CR.
Prereq: SVT 1120. Encompasses survey applications of astronomical observations, state plane coordinate systems, error analysis, restoration of lost corners, least square adjustment, horizontal control networks.

SURT 2000 SURVEYING CO-OP EDUCATION 1 TO 3 CR.
Prereq: Sophomore w/minimum 2.0 GPA, study related employment. Supervised work experience in a business, industrial or government environment related to the program major. Credit is awarded for successful completion of specific objectives that provide new learning in the job & program.

SURT 2020 PUBLIC LAND SURVEYING 3 CR.
Prereq: SVT 1030 and SVT 1120 Covers a detailed study of land systems, including general & special instructions, lost & obliterated corners, single & double proportion, monumentation, riparian boundaries laps, hiatuses.

SURT 2030 SURVEYING FIELD TECHNIQUES II 3 CR.
Prereq: SVT 1030. Field experience in construction and staking, encompassing GPS fundamentals, radial surveying, robotics, total stations, data collection methods, coordinate creation/adjustment, public lands/state plane coordinate systems, etc.

SURT 2040 CONTROL SURVEYS 3 CR.
Prereq: SVT 1120. Accuracy levels and field procedures used to obtain them are explored. Calculation techniques for control networks, triangulations, trilateration and traverse use are dealt with at length. GPS will be emphasized.

SURT 2050 LEGAL DESCRIPTIONS 3 CR.
Prereq: ENGL 2100, SURT 1120, SVT 2020 or concurrent. This course is about writing and understanding survey legal descriptions. Latent & patent ambiguities, basis of bearing and interpretation of terms are integrated into the course.

SURT 2060 ETHICS AND LIABILITY 2 CR.
This is a course study of professional practice(s) with emphasis on survey liability cases.

SURT 2100 LAND DEVELOPMENT 3 CR.
Prereq: SVT 1110. Land planning techniques used in residential and commercial developments are discussed. Subdivision, condominiums, cluster housing, industrial parks and commercial complexes are studied and approval procedures are explained.

SURT 2110 PHOTOGRAMMETRY 3 CR.
Prereq: SVT 1110. This course is an in-depth study of photo identification, stereographic interpretation, geometry and measurements from aerial photography.

SURT 2120 LAND INFORMATION SYSTEMS 3 CR.
Computerized information networks and related land use are discussed and studied. Additionally graphic layering & case studies are conducted on various systems that are currently in use.

SURT 2160 LAND BOUNDARY LAW I 2 CR.
The study of responsibilities of the land boundary surveyor, in protecting rights and interest of the land. Ownership and transfer of real property, systems for land descriptions, statute law, common law & presumptions are discussed.
THEA 1013 SURVEY OF THEATRE (FA) 3 CR.
Survey of Western theatre from ritual to contemporary theatre. Students
explore the role of theater from a Western perspective in the development
of modern thought, culture, politics and society.

THEA 1023 INTRODUCTION TO FILM (FA) 4 CR.
Introduces students with no previous film training to historical, technical,
and aesthetic developments of film within its cultural context. Film genres
examined. Some materials presented are R-rated. Also listed as FLM 1023.

THEA 1033 ACTING I-BASIC ACTING 3 CR.
This provides an introduction to the basic aspects of the acting process.
Emphasis is placed on techniques of acting with exercises in improvisa-
tion, monologues and duo scenes.

THEA 1070 FILM AND CULTURE (FA, DV) 4 CR.
Course intended to raise diversity awareness through aesthetic, critical,
and interdisciplinary examination of our American Cultural Identity
through film. Presents film as an art form, as an industry, and ultimately a
system of cultural representation and communication.

THEA 1090 BRIDGING THE ARTS (FA) 3 CR.
Course examines the interconnectedness of arts, dance, music and theatre
by investigating the artistic elements and common threads within the
creative process to develop an informed appreciation for one’s own artistic
values.

THEA 1160 TECHNICAL THEATRE I-LAB 3 CR.
Prereq: Concurrent with THEA 1513. Course provides practical backstage
experience with emphasis on stagecraft.

THEA 1170 TECHNICAL THEATRE II-LAB 3 CR.
Prereq: Concurrent with THEA 1560. Course provides practical backstage
experience with emphasis on lighting and sound.

THEA 1171 TECHNICAL THEATRE III-LAB 3 CR.
Prereq: Concurrent with THEA 1513. Course provides practical backstage
experience with emphasis on design.

THEA 1190 PRODUCTION 3 CR.
Course is designed to involve students as a company in production of one-act
plays, reader’s theatre and/or a full-length play. Can be repeated for
credit.

THEA 1233 STAGE MAKE-UP 3 CR.
The basics of stage makeup including two and three dimensional work
with a focus on corrective, aging and period makeup. Includes an intro-
duction to prosthetics and hair. No prerequisite.

THEA 1513 TECHNICAL THEATRE I-STAGECRAFT 3 CR.
Prereq: Concurrent with THEA 1160. Introduction to technical theatre,
the stage house and theatrical production. Design, construction, painting,
lighting, and sound are introduced. No prerequisites. Concurrent enroll-
ment in THEA 1160 required.

THEA 1515 BASIC AUDIO PRODUCTION 3 CR.
A broad overview of sound, sound systems, recording, and live sound
reinforcement providing basic training in the physics of sound and the
hardware and systems used to control and record it. No prerequisites.

THEA 1560 TECH THEATRE II-LIGHTING/SOUND 3 CR.
Prereq: THEA 1160, THEA 1513, concurrent with THEA 1170. This class
teaches lighting and sound through design, instrument placement, and
operation of control boards.

THEA 1900 SPECIAL PROJECTS IN THEATRE 1 TO 3 CR.
Prereq: Instructor approval. Students will plan areas of study, perfor-
mance and/or technical work with full-time instructor on an individual
basis.

THEA 2033 ACTING II-SCENE ACTING 3 CR.
Prereq: THEA 1033 or instructor approval. This is a continuation of
THEA 1033. Emphasis will focus on improving stage skills, development
of character, play will be the final project.

THEA 2150 ACTING III-AUDITION 3 CR.
Prereq: THEA 1033 or instructor approval. Introduction to audition
techniques for students who have taken basic acting or have a strong per-
formance background. Students prepare three contrasting monologues
and a resume, work with cold readings and meet with local talent
agencies.

THEA 2200 INTRODUCTION TO FILM CRITICISM 4 CR.
Prereq: ENGL 1010, THEA 1023 or FLM 1050, or THEA/FLM 1070. Film
or theatre majors explore in-depth critical aspects of film including aes-
thetic and technical developments that have influenced film from its
inception to present day. Students will view key films. Some R-rated films
presented.

THEA 2443 MUSICAL THEATRE PERFORMANCE 3 CR.
Prereq: THEA 1033 or instructor approval. This course explores artistic
elements of musical theatre through performance of its form and style.

THEA 2513 TECHNICAL THEATRE III-DESIGN 3 CR.
Prereq: THEA 1160, THEA 1513, concurrent with THEA 1171. Students will
learn advanced design, construction and rigging techniques, drafting ele-
vation and modeling for construction and backstage management.

THEA 2520 CREATIVE DRAMATICS 2 CR.
Introduction to theories, concepts and methodology of creative drama as
an aid to teaching all subjects. Students develop lesson plans and carry
them out in a laboratory experience with children. There is a service-
learning component.

THEA 2900 SPECIAL TOPICS 1 TO 3 CR.
This is a course designed by faculty which allows students to explore spe-
cific areas of interest in theatre in a classroom setting.

THEA 2990 PERFORMING ARTS CONNECTIONS 2 CR.
Prereq: Department’s approval. This is a collaboration of dance, music,
theatre and/or art students to create individual works to be performed in
the Performing Arts Showcase.

TNG 1010 BEGINNING TONGAN I 5 CR.
The first in a four-course series focusing on five skills: listening, speaking,
reading, writing and culture to develop functional language ability in sur-
vival & social situations. Emphasis is on proficiency. Attendance in lab is
required.

TNG 1020 BEGINNING TONGAN II (LN) 5 CR.
Prereq: TNG 1010, or instructor’s approval. The second in a four-course
series focusing on five skills: listening, speaking, reading, writing and
culture to develop functional language ability in survival & social situa-
tions. Emphasis is on proficiency. Attendance in lab is required.

TNG 1100 BEGINNING CONVERSATION 1 CR.
Prereq: TNG 1010 or instructor’s approval. Beginning Tongan Conversa-
tion is intended to practice previously acquired conversation skills to
increase speaking ability and vocabulary. Attendance in lab is required.
Course may be repeated for credit.

TNG 1900 SPECIAL STUDIES IN TONGAN 1 TO 2 CR.
Prereq: Instructor’s approval. Students plan areas of study, service learning
or travel & work with the instructor on an individual basis. Topics may be
in language or culture. Lab may be required. May be repeated for credit.

TNG 2010 INTERMEDIATE TONGAN I 4 CR.
Prereq: TNG 1020 or instructor’s approval. The second year of Tongan
focuses on five skills: listening, speaking, reading, writing and culture to
develop functional language ability in survival & social situations. Empha-
sis is on proficiency. Attendance in lab is required.

TNG 2020 INTERMEDIATE TONGAN II 4 CR.
Prereq: TNG 1020 or instructor’s approval. The second year of Tongan
focuses on five skills: listening, speaking, reading, writing and culture to
develop functional language ability in survival & social situations. Empha-
sis is on proficiency. Attendance in lab is required.

TNG 2300 INTERMEDIATE CONVERSATION 1 CR.
Prereq: TNG 1020 or instructor’s approval. Intermediate Tongan Conver-
sation is intended to practice previously-acquired conversation skills to
increase speaking ability and vocabulary. Attendance in lab is required.
Course may be repeated for credit.

TNG 2900 SPECIAL TOPICS IN TONGAN 1 TO 3 CR.
This is a course designed by faculty which allows students to explore spe-
cific interests in Tongan language and culture. Lab attendance required.
May be repeated for credit.

TRVL 1010 INTRODUCTION TO HOSPITALITY & TRAVEL 2 CR.
This course investigates the travel and hospitality industry, addressing
theories, planning, and environmental issues. Students will gain a general
knowledge of how and why public and private tourism businesses exist.
TRVL 1020 TRAVEL DESTINATIONS 2 CR.
This course overviews the relevancy of geography to tourism and hospitality. Exploration of destinations around the world will expose their individuality and fascination.

TRVL 1030 TRAVEL RESERVATIONS 2 CR.
Students will gain knowledge and skills needed to research, plan and book air travel. Terminology, policies and procedures of airline travel and airline reservations will be discussed.

TRVL 1040 AUTOMATED AIR RESERVATIONS 2 CR.
Students will practice booking, maintaining, changing and canceling air reservations using RTS, hands-on Computer Reservation System, simulation of Saber, in conjunction with the online tutorial.

TRVL 1050 TRAVEL SALES AND TRENDS 2 CR.
Students will study sales techniques including telephone business manners, listening skills and tools for targeting the traveler. Web trends in the industry will also be discussed.

TRVL 1060 AIR FARES U.S. DOMESTIC 2 CR.
Prereq: Recommend concurrent with TRVL 1040. This course presents the basics of air fares including terms, codes, fare construction principles and fare application rules necessary to find, interpret and apply the lowest applicable fares for clients.

TRVL 1070 ARC DOCUMENTS 1 CR.
Prereq: Recommend concurrent with TRVL 1040. This is an introductory course to ticketing. Various ticketing types, forms, policies/procedures per Airline Reporting Corporation (ARC), forms of payment, refunds and exchanges will be discussed.

TRVL 1080 AUTOMATED AIR FARES & TICKETS 2 CR.
Prereq: Recommend concurrent with TRVL 1040. This course will introduce students to finding the lowest fares for clients utilizing the RTS hands-on Computer Reservation System, simulation of Saber, in conjunction with the online tutorial.

TRVL 1090 GROUND TRANSPORTATION 2 CR.
This course will introduce students to the basics of car rental policies/procedures, codes, pricing/distribution, and rail travel including Amtrak, VIA Rail, BritRail/Eurail and train accommodations, services and fare structure.

TRVL 2010 HOTELS AND LODGING 1 CR.
This course will cover the fundamentals of the hotel product, rate structure, property & room classifications, codes, published/automated resources and non-automated reservation procedures & the variables that affect prices.

TRVL 2015 AUTOMATED TRAVEL ACCOMMODATIONS 1 CR.
Prereq: TRVL 1040, TRVL 1080. Students will practice selecting, booking, maintaining, changing and canceling car rental & hotel room reservations using the RTS hands-on Computer Reservation System (CRS), simulation of Saber in conjunction w/the online tutorial.

TRVL 2020 THE CRUISE MARKET 2 CR.
This course overviews the basics of cruises including classifications, destinations, types of cruises, and non-automated reservation procedures. Students will gain knowledge of how to book the right cruise for any client.

TRVL 2030 SELLING VACATION PACKAGES & TOURS 2 CR.
This course overviews the basics of tour including, components of tours, tour destinations, types of vacation packages, print & electronic resources, non-automated tour booking procedures & function of tour operator/wholesaler.

TRVL 2040 FARES & TICKETS INTERNATIONAL 1 CR.
This course introduces students to international air travelers including two basic international faring systems, mileage/routing & currency procedures, international fare basis codes, base fares, taxes & surcharges.

VET 1010 INTRO/ VETERINARY TECHNICIAN 3 CR.
Survey of the veterinary technician profession including roles, office procedures, ethics, legal guide and career choices. Basics in animal behavior patterns, handling, restraint, nutrition, care, handling and terminology.

VET 1120 ANIMAL NURSING 3 CR.
Develop skills in restraint, handling and nursing techniques in dogs & cats. Learn basics of obtaining lab specimens, assessing vital signs, obtain/take histories, administer medication, and record management.
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FULL-TIME FACULTY CREDENTIALS
FULL-TIME ADMINISTRATOR CREDENTIALS
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 Workforce, Professional and .....Literacy Development ........... Dr. Troy Justesen

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Administrative Assistant/Secretary ...... Janice Schmidt
Administrative Assistant/Secretary ...... Megan Strunk
Events Coordinator ..................... Lynne Marie Judd
### Faculty

<table>
<thead>
<tr>
<th>Name, Position</th>
<th>Hire Date*</th>
<th>YEAR DEGREE</th>
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<tbody>
<tr>
<td>Dwight Adams, Instructor</td>
<td>01/05/1998</td>
<td>1991 MS</td>
<td>UNIVERSITY OF UTAH</td>
<td>Sociology</td>
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<td></td>
<td></td>
<td>1988 BS</td>
<td>WEBER STATE UNIVERSITY</td>
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<td>Robert Adamson, Associate Professor</td>
<td>03/29/1994</td>
<td>2008 MFA</td>
<td>BRIGHAM YOUNG UNIVERSITY</td>
<td>Visual Art &amp; Design</td>
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<td>1993 BFA</td>
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<td>Francis Afghan, Associate Professor</td>
<td>03/29/1993</td>
<td>1997 MS</td>
<td>UNIVERSITY OF UTAH</td>
<td>Engineering</td>
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<td>1981 BS</td>
<td>IDAHO STATE UNIVERSITY</td>
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<tr>
<td>Kelly Albers, Instructor</td>
<td>01/03/2005</td>
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<td>Applied Technology Center</td>
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<td>Jolene Allan, Instructor</td>
<td>01/07/2008</td>
<td>2000 CERT</td>
<td>WESTMINSTER COLLEGE</td>
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<td>WESTMINSTER COLLEGE</td>
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<tr>
<td>David Alldredge, Assistant Professor</td>
<td>08/16/2008</td>
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<td>Beverly Anderson, Associate Professor</td>
<td>08/16/1999</td>
<td>1999 MSN</td>
<td>UNIVERSITY OF PHOENIX</td>
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<td>Georgia Anderson, Professor</td>
<td>01/01/1992</td>
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<td>WEST TEXAS A&amp;M STATE UNIVERSITY</td>
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<tr>
<td>Joseph Anderson, Instructor</td>
<td>08/16/2007</td>
<td>1974 J.D.</td>
<td>UNIVERSITY OF UTAH</td>
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<td>Marlon Andrus, Professor</td>
<td>09/01/1982</td>
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<td>Paul Anstall, Associate Professor</td>
<td>01/10/2000</td>
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<td>Lyle Archibald, Assistant Professor</td>
<td>09/16/1992</td>
<td>1992 MA</td>
<td>BRIGHAM YOUNG UNIVERSITY</td>
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<td>Vince Badger, Assistant Professor</td>
<td>09/01/1981</td>
<td>1987 AAS</td>
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<td>Todd Baird, Instructor</td>
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<td>Jonathan Barnes, Instructor</td>
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<td>Curtis Barnett, Associate Professor</td>
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<td>Neil Bastian, Professor</td>
<td>09/23/1996</td>
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<td>01/04/2010</td>
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<td>Debra Bertoch, Assistant Professor</td>
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**Cyriaque Betheret, Assistant Professor**
2001 PhD UNIVERSITY OF PARIS, SORBONNE
1991 MA UNIVERSITY OF PARIS
1989 BA UNIVERSITY OF PARIS
History

**Lisa Bickmore, Associate Professor**
1984 MA BRIGHAM YOUNG UNIVERSITY
1979 BA BRIGHAM YOUNG UNIVERSITY
English

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1994 AAS SALT LAKE COMMUNITY COLLEGE
1998 CERT CAMEO COLLEGE OF BEAUTY
1997 CERT BOUNTIFUL COLLEGE OF BEAUTY
Barbering and Cosmetology

**Christopher Black, Assistant Professor**
1980 MEd BRIGHAM YOUNG UNIVERSITY
1973 BS BRIGHAM YOUNG UNIVERSITY
Business Management

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1990 MS UTAH STATE UNIVERSITY
1971 BS UNIVERSITY OF UTAH
English

**Spencer Blake, Associate Professor**
1997 MA REGIS UNIVERSITY
1993 BS BRIGHAM YOUNG UNIVERSITY
Sociology

**James Blevins, Associate Professor**
1991 MS WESTERN WASHINGTON UNIVERSITY
1987 BS BOISE STATE UNIVERSITY
Biology

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1991 MS UNIVERSITY OF UTAH
1979 BFA UNIVERSITY OF UTAH
Fine Arts

**Jean Bower, Instructor**
2007 PhD UNIVERSITY OF UTAH
2000 BA CARLETON COLLEGE
Biotechnology

**H. Bown, Associate Professor**
1991 MA UTAH STATE UNIVERSITY
1970 BA UNIVERSITY OF UTAH
English

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1992 MA UNIVERSITY OF UTAH
1990 BA UNIVERSITY OF UTAH
1988 AAS SALT LAKE COMMUNITY COLLEGE
Language

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2000 MEd UNIVERSITY OF UTAH
1981 BS WEST VIRGINIA UNIVERSITY
Developmental Education

**William Breedlove, Instructor**
1980 CERT AMERICAN HONDA TRAINING CENTER
1974 CERT GM MANAGEMENT TRAINING
Automotive Technology

**Sue Briggs, Associate Professor**
1978 MS TROY STATE UNIVERSITY
1973 BA VALDOSTA STATE COLLEGE
English

**Lee Brinton, Associate Professor**
1984 MS UNIVERSITY OF UTAH
1983 BS UNIVERSITY OF UTAH
Engineering

**Janet Brohm, Associate Professor**
1980 Med SOUTHERN ILLINOIS UNIVERSITY
1975 BS SOUTHERN ILLINOIS UNIVERSITY
Family & Human Studies

**Brent Budd, Assistant Professor**
1972 BFA UNIVERSITY OF UTAH
Visual Art & Design

**Robert Burdette, Assistant Professor**
1993 MS WASHINGTON SCHOOL OF LAW
1979 BA UNIVERSITY OF UTAH
Accounting

**Nick Burns, Assistant Professor**
1989 MA OREGON STATE UNIVERSITY
1987 BA OREGON STATE UNIVERSITY
Communication

**David Carney, Assistant Professor**
1991 MA UNIVERSITY OF IOWA
1988 BA UNIVERSITY OF IOWA
Humanities

**Diana Carroll, Assistant Professor**
1981 AS STEVENS HENAGER
Medical Assistant

**Christopher Case, Assistant Professor**
2002 PhD UNIVERSITY OF NORTHERN ARIZONA
1987 MA UNIVERSITY OF NEVADA LAS VEGAS
1983 BS UNIVERSITY OF LAS VEGAS
History

**James Celestino, Instructor**
2006 MFA ANTIQUO UNIVERSITY
2004 BA UNIVERSITY OF UTAH
Developmental Education

**Sheila Chambers, Professor**
1998 MFA MARYWOOD UNIVERSITY
1981 BS CALIFORNIA STATE UNIVERSITY
Visual Art & Design

**Basil Chelemes, Assistant Professor**
1990 MBA WESTMINSTER COLLEGE
1988 BS WESTMINSTER COLLEGE
1988 BS WESTMINSTER COLLEGE
Business Management

**Jimmy Chen, Professor**
1991 PhD UNIVERSITY OF UTAH
1988 MS UNIVERSITY OF UTAH
1982 BS NATIONAL CENTRAL UNIVERSITY
Computer Information Systems

**Ron Christiansen, Associate Professor**
2002 CERT ESL
1994 MEd UNIVERSITY OF UTAH
1973 BA BRIGHAM YOUNG UNIVERSITY
English

**Betsy Christopher, Instructor**
2008 MS WESTMINSTER COLLEGE
1980 BSN UNIVERSITY OF SAN DIEGO
Nursing
Carolyn Clark, Professor 09/21/1994
1996 PhD UNIVERSITY OF UTAH
1975 CERT UNIVERSITY OF CALIFORNIA, DAVIS
1971 MA UNIVERSITY OF WASHINGTON
1971 BS STANFORD UNIVERSITY
Communication

Jon Clark, Assistant Professor 08/16/2006
1988 WALTER CUNNINGHAM, INSTRUCTOR
1988 MFA UTAH STATE UNIVERSITY
Mathematics

Norman Clark, Associate Professor 01/01/1986
2004 MS UTAH STATE UNIVERSITY
2001 BS UTAH STATE UNIVERSITY
Architectural Technology

Joel Clarkson, Instructor 08/16/2000
1992 BS WEBER STATE UNIVERSITY
1997 AAS SALT LAKE COMMUNITY COLLEGE
1986 CERT IDAHO STATE UNIVERSITY
Engineering, Drafting & Design

John Close, Professor 09/16/1992
1991 MS UNIVERSITY OF UTAH
1988 MA MANKATO STATE UNIVERSITY
1978 BS ST. JOHN UNIVERSITY
Developmental Education

Alfred Cole, Assistant Professor 09/27/1993
1997 MBA UNIVERSITY OF UTAH
1994 BS UNIVERSITY OF UTAH
Marketing

Nathan Cole, Assistant Professor 09/21/1994
1994 MA BRIGHAM YOUNG UNIVERSITY
1992 BA SAN DIEGO STATE UNIVERSITY
English

Edgar Cortes, Associate Professor 08/15/2001
Applied Technology Center

Kyle Costello, Instructor 03/02/2005
2005 MS UNIVERSITY OF UTAH
1997 BS UNIVERSITY OF UTAH
Mathematics

Jennifer Courtney, Assistant Professor 01/11/1999
1994 BA UNIVERSITY OF CALIFORNIA RIVERSIDE
1998 MA SAN DIEGO STATE UNIVERSITY
English

Gary Cox, Instructor 01/04/2010
Criminal Justice

Andrea Crittenden, Assistant Professor 08/16/2003
1998 MS UNIVERSITY OF UTAH
1996 BS SALT LAKE COMMUNITY COLLEGE
1995 AAS SALT LAKE COMMUNITY COLLEGE
Nursing

Charles Cummins, Professor 07/01/1985
1977 EdD BRIGHAM YOUNG UNIVERSITY
1966 MS BRIGHAM YOUNG UNIVERSITY
1962 BS BRIGHAM YOUNG UNIVERSITY
Mathematics

Walter Cunningham, Instructor 09/21/1994
1994 PLS STATE OF UTAH
1988 BS BRIGHAM YOUNG UNIVERSITY
Surveying

William Cushenberry, Assistant Professor 05/28/2003
1988 DPLM SALT LAKE COMMUNITY COLLEGE
Aviation Maintenance

Rick Dalton, Instructor 05/28/1991
1973 DPLM SALT LAKE COMMUNITY COLLEGE
SC Professional Driving

Adam Dastrup, Instructor 08/15/1998
2006 MA UNIVERSITY OF UTAH
2002 BS UNIVERSITY OF UTAH
2000 AS SALT LAKE COMMUNITY COLLEGE
Geoscience

Mary-Jayne Davis, Associate Professor 09/01/1988
1989 MA UNIVERSITY OF UTAH
1986 BA UNIVERSITY OF UTAH
English

Rolyane Day, Professor 01/01/1976
1977 MA UTAH STATE UNIVERSITY
1973 BS UTAH STATE UNIVERSITY
Marketing

Rodney Derrick, Assistant Professor 12/01/1988
1973 AAS SALT LAKE COMMUNITY COLLEGE
Barbering and Cosmetology

Wilma Dolowitz, Assistant Professor 02/02/2004
2004 CERT UNIVERSITY OF UTAH
2001 CERT NURSING ED OF AMERICA
2000 CERT NURSING ED OF AMERICA
1995 MSN UNIVERSITY OF PHOENIX
1973 BSN UNIVERSITY OF UTAH
1972 AAS WEBER STATE UNIVERSITY
1969 BA UNIVERSITY OF UTAH
Nursing

Stephanie Dowdle, Associate Professor 08/23/1999
1999 PhD INDIANA UNIVERSITY OF PENNSYLVANIA
1995 MA BRIGHAM YOUNG UNIVERSITY
1993 BA BRIGHAM YOUNG UNIVERSITY
English

Jane Drexler, Assistant Professor 08/16/2007
2004 PhD BINGHAMTON UNIVERSITY
2000 MA BINGHAMTON UNIVERSITY
1995 BA UNIVERSITY OF COLORADO
Humanities

Susan Dulaney, Associate Professor 05/01/2008
2000 MS U.S. SPORT ACADEMY
1984 BS UNIVERSITY OF WISCONSIN, MADISON
Athletics

Kimberly Dumas, Assistant Professor 10/18/2002
2001 MSN WESTMINSTER COLLEGE
1995 BSN WEBER STATE UNIVERSITY
1989 ADN WEBER STATE UNIVERSITY
Nursing

James Dykman, Assistant Professor 09/25/1995
1986 MPA BRIGHAM YOUNG UNIVERSITY
1976 MA BRIGHAM YOUNG UNIVERSITY
History

George Ellington, Associate Professor 09/20/1995
2001 MA UNIVERSITY OF UTAH
1990 MA SAN FRANCISCO STATE UNIVERSITY
1987 BA SAN FRANCISCO STATE UNIVERSITY
ESL
Edward Engh, Assistant Professor  
1984 MBA UNIVERSITY OF UTAH  
1981 BS UNIVERSITY OF UTAH  
Business Management

Kathryn Eppler, Associate Professor  
1997 MS UNIVERSITY OF UTAH  
1993 BS UNIVERSITY OF UTAH  
1986 MS UNIVERSITY OF UTAH  
1984 BS UNIVERSITY OF UTAH  
Mathematics

Chad Erikson, Instructor  
2005 BFA BRIGHAM YOUNG UNIVERSITY  
2000 AS THE ART INSTITUTE OF PORTLAND  
1994 AAS SALT LAKE COMMUNITY COLLEGE  
Visual Art & Design

Chad Fail, Associate Professor  
2002 BS UTAH VALLEY STATE COLLEGE  
2000 AAS SALT LAKE COMMUNITY COLLEGE  
1998 AAS SALT LAKE COMMUNITY COLLEGE  
Building Construction

Sara Farida, Associate Professor  
1990 PhD GULBARGA UNIVERSITY, INDIA  
1979 MS KARNatak UNIVERSITY, INDIA  
1977 BS KARNatak UNIVERSITY, INDIA  
Engineering

Melaney Farr, Assistant Professor  
1999 MS UNIVERSITY OF NORTH TEXAS  
1994 BS UNIVERSITY OF NORTH TEXAS  
Biology

Steffeny Fazzio, Associate Professor  
1991 MA UTAH STATE UNIVERSITY  
1969 BA UNIVERSITY OF UTAH  
1966 AA COLLEGE OF EASTERN UTAH  
Developmental Education

Allison Fernley, Associate Professor  
1984 MA UNIVERSITY OF UTAH  
1982 BA UNIVERSITY OF UTAH  
English

Craig Ferrin, Assistant Professor  
2003 PhD UNIVERSITY OF UTAH  
1987 MA NORTHWESTERN UNIVERSITY  
1986 BM UNIVERSITY OF UTAH  
Fine Arts

Lara Fields, Instructor  
1990 MA GODDARD COLLEGE  
1985 BA GODDARD COLLEGE  
Psychology

Ana Fillingim, Instructor  
2003 MA UNIVERSITY OF UTAH  
1982 BA UNIVERSITY OF MONTANA  
Developmental Education

Shannon Flynt, Assistant Professor  
2006 MS UNIVERSITY OF CENTRAL ARKANSAS  
1999 BA ARKANSAS TECH UNIVERSITY  
Psychology

Steven Fogg, Assistant Professor  
2005 AAS SALT LAKE COMMUNITY COLLEGE  
2004 CERT COMPTIA  
2003 CERT COMPTIA NETWORK  
2003 CERT COMPTIA C+  
2002 CERT MICROSOFT PROFESSIONAL  
2001 CERT COMPTIA A+  
1999 CERT CERTIFIED CAREERS INSTITUTE  
S/C MS Technician

Steve Ford, Assistant Professor  
1980 CERT SALT LAKE COMMUNITY COLLEGE  
1980 AAS SALT LAKE COMMUNITY COLLEGE  
1975 AAS SALT LAKE COMMUNITY COLLEGE  
Welding

Antoinette France, Instructor  
2008 MS UNIVERSITY OF PHOENIX  
2003 BSN UNIVERSITY OF UTAH  
2001 ASN SALT LAKE COMMUNITY COLLEGE  
Nursing

Kenneth Freeman, Associate Professor  
1991 MS RUTGERS UNIVERSITY  
1984 BS BRIGHAM YOUNG UNIVERSITY  
Physical Therapy

Gordon Frisbey, Professor  
1990 MS WESTMINSTER COLLEGE  
1972 BS WEBER STATE UNIVERSITY  
Computer Information Systems

Julie Gay, Associate Professor  
1989 MS UTAH STATE UNIVERSITY  
1988 BS UTAH STATE UNIVERSITY  
School of Professional & Economic Development

Frank Gerrish, Assistant Professor  
1988 MFA PENNSYLVANIA STATE  
1985 BFA UNIVERSITY OF RHODE ISLAND  
Fine Arts

Luther Giddings, Assistant Professor  
1991 PhD OHIO STATE UNIVERSITY  
1985 BS UNIVERSITY OF UTAH  
Chemistry

Drusilla Glascoe, Associate Professor  
1986 MS UNIVERSITY OF UTAH  
1978 BM BOSTON CONSERVATORY OF MUSIC  
Psychology

Mark Glines, Associate Professor  
1999 MEd WEBER STATE UNIVERSITY  
1989 CERT MOUNTAIN WEST JUNIOR COLLEGE  
1986 BS WEBER STATE UNIVERSITY  
Developmental Education

Joshua Gold, Associate Professor  
1994 PhD UNIVERSITY OF OREGON  
1988 MA UNIVERSITY OF OREGON  
1980 BA STATE UNIVERSITY OF NEW YORK  
Political Science

Christine Gonzales, Assistant Professor  
1979 MA BRIGHAM YOUNG UNIVERSITY  
1973 BA BRIGHAM YOUNG UNIVERSITY  
Language

Kerry Gonzales, Associate Professor  
1980 BFA UNIVERSITY OF UTAH  
Visual Art & Design

Anne Graham, Professor  
1974 PhD STANFORD UNIVERSITY  
1970 MS STANFORD UNIVERSITY  
1967 BS WASHINGTON UNIVERSITY - ST. LOUIS  
Sociology

Richard Graham, Professor  
1996 MFA UNIVERSITY OF UTAH  
1991 BFA UNIVERSITY OF UTAH  
Visual Art & Design

Richard Graham, Professor  
2001/01/2000
Brent Green, Associate Professor 08/16/2006
2007 PhD UNIVERSITY OF CALIFORNIA LOS ANGELES
1993 MA BRIGHAM YOUNG UNIVERSITY
1990 BA BRIGHAM YOUNG UNIVERSITY HAWAII
Developmental Education

Eric Green, Assistant Professor 08/20/2003
2000 PhD UNIVERSITY OF CALIFORNIA BERKELEY
1994 BS UNIVERSITY OF NEBRASKA
Biology

Donald Green, Professor 09/16/1988
2004 PhD UNIVERSITY OF UTAH
1989 MS UNIVERSITY OF UTAH
1983 BS BRIGHAM YOUNG UNIVERSITY
1980 AS RICKS COLLEGE
Business Management

Maria Griffith, Assistant Professor 08/23/2000
2002 MA UNIVERSITY OF PHOENIX
1977 BA CALIFORNIA STATE UNIVERSITY
Developmental Education

Neal Grover, Instructor 01/01/1965
1979 MIE UTAH STATE UNIVERSITY
1976 BS UTAH STATE UNIVERSITY
1974 AAS SALT LAKE COMMUNITY COLLEGE
Automotive Technology

Lana Gruendell, Professor 05/01/1997
2008 MEd UTAH STATE UNIVERSITY
1990 BFA UNIVERSITY OF UTAH
1979 AAS UTAH TECHNICAL COLLEGE
Visual Art & Design

Shawna Haider, Associate Professor 09/27/1993
1999 MS UNIVERSITY OF UTAH
1987 BS UNIVERSITY OF UTAH
Mathematics

James Hampton, Professor 09/01/1982
1970 PhD RICE UNIVERSITY
1964 MS UNIVERSITY OF UTAH
1962 BS UNIVERSITY OF UTAH
Biology

Marilyn Harmer, Associate Professor 08/28/1998
1986 BS US SPORT ACADEMY
1984 AAS UTAH STATE UNIVERSITY
Health & Lifetime Activities

Lora Harper, Assistant Professor 03/26/1991
1993 MS UNIVERSITY OF UTAH
1988 BS UNIVERSITY OF UTAH
Psychology

Jerri Harwell, Assistant Professor 08/23/1999
1979 BS OAKLAND UNIVERSITY
Developmental Education

Shauna Hatfield, Associate Professor 08/20/1998
1990 MS WEBER STATE UNIVERSITY
1989 BS WEBER STATE UNIVERSITY
Accounting

Cristoph Hechtle, Instructor 03/01/2008
Aviation Maintenance

Melissa Helquist, Assistant Professor 08/16/2002
2000 MA COLORADO STATE UNIVERSITY
1998 BA BRIGHAM YOUNG UNIVERSITY
English

Richard Hemingway, Assistant Professor 09/26/1994
2004 CERT NATIONAL COMPUTER SCIENCE ACADEMY
2003 CERT LINUX ADMINISTRATOR
2003 CERT COMPTIA LINUX
2002 CERT COMPTIA NETWORK
2002 CERT COMPTIA SERVER
2001 CERT COMPTIA+ NETWORK
1992 CERT UNISYS-ISO INTERNAL AUDITOR
1988 BSEE UNIVERSITY OF UTAH
S/C Electronics

Charles Hemming, Instructor 01/09/1998
1997 MS IDAHO STATE UNIVERSITY
1995 BS IDAHO STATE UNIVERSITY
Developmental Education

Martha Hess, Assistant Professor 03/03/1997
1970 MA UTAH STATE UNIVERSITY
1964 BS UTAH STATE UNIVERSITY
S/C Adult Basic Education

Marilyn Hibbert, Associate Professor 06/01/1976
1970 BS UTAH STATE UNIVERSITY
Computer Information Systems

Judith Higgins, Assistant Professor 06/11/2001
1994 MA UNIVERSITY OF KANSAS
History

John Hill, Associate Professor 08/16/2000
2007 PhD NOVA SOUTHEASTERN UNIVERSITY
2001 DCJ HAWTHORNE UNIVERSITY
2001 MA NEW JERSEY CITY UNIVERSITY
1993 MS JERSEY CITY STATE COLLEGE
1991 BS THOMAS EDISON STATE COLLEGE
1989 AA BROOKDALE COMMUNITY COLLEGE
1988 AS BROOKDALE COMMUNITY COLLEGE
Criminal Justice

Kathy Himle, Associate Professor 01/02/1996
2007 CERT MICROSOFT CERTIFIED TECHNOLOGY SPECIALIST
2006 BS EXCELSIOR COLLEGE
2003 AS SALT LAKE COMMUNITY COLLEGE
2002 CERT COMPTIA SERVER
2002 CERT COMPTIA NETWORK
2001 CERT COMPTIA+ MTA
1997 CERT NOVELL
1996 CERT NOVELL-INSTRUCTOR
1996 CERT SALT LAKE COMMUNITY COLLEGE
S/C MS Technician

Jane Hook, Professor 07/01/1989
2000 MA UTAH STATE UNIVERSITY
1993 BS UTAH STATE UNIVERSITY
1978 AA SALT LAKE COMMUNITY COLLEGE
Engineering, Drafting & Design

Marianna Hopkins, Associate Professor 09/16/1982
1992 MS UTAH STATE UNIVERSITY
1982 CERT UNIVERSITY OF UTAH
1978 CERT UNIVERSITY OF UTAH
1973 BA UNIVERSITY OF UTAH
Developmental Education

Gary Howard, Associate Professor 08/16/1993
1977 MA UNIVERSITY OF PITTSBURGH
1974 BA UNIVERSITY OF PITTSBURGH
English
Joseph Howell, Professor 09/01/1984  
1983 JD UNIVERSITY OF UTAH  
1978 MBA UNIVERSITY OF UTAH  
1976 BS UNIVERSITY OF UTAH  
1973 CERT SALT LAKE COMMUNITY COLLEGE  
Developmental Education  

Dean Huber, Associate Professor 01/02/1990  
1981 MA UNIVERSITY OF UTAH  
1977 BA UNIVERSITY OF UTAH  
ESL  

Harry Hughes, Associate Professor 08/24/1998  
1988 PhD CUNY GRADUATE SCHOOL & UNIVERSITY  
1973 BS HUNTER COLLEGE CUNY  
1971 AS NASSAU COMMUNITY COLLEGE  
Psychology  

Daniel Hutchings, Instructor 04/23/2001  
2004 BS UNIVERSITY OF UTAH  
Computer Science  

Whitney Hyans, Associate Professor 08/20/1998  
1996 MFA SAINT JOHN'S UNIVERSITY & DESIGN  
1993 BFA WEBER STATE UNIVERSITY  
1990 BS WEBER STATE UNIVERSITY  
Visual Art & Design  

Gustavo Ibarra, Professor 09/21/1994  
1980 PhD BRIGHAM YOUNG UNIVERSITY  
1976 MS BRIGHAM YOUNG UNIVERSITY  
1974 BS NORMAL SUPERIOR NAYARIT  
1968 CERT UT AH STATE UNIVERSITY  
Health & Lifetime Activities  

Howard Ingle, Assistant Professor 10/01/1982  
1991 Med CENTRAL MICHIGAN UNIVERSITY  
1972 BS CENTRAL MICHIGAN UNIVERSITY  
Psychology  

Alexander Izrailevsky, Associate Professor 08/23/2000  
1980 PhD ACADEMY OF SCIENCE OF THE USSR  
1974 MA GORKY URAL STATE UNIVERSITY  
1974 BA GORKY URAL STATE UNIVERSITY  
Humanities  

Debora Jackson, Assistant Professor 01/09/2006  
2004 MSN UNIVERSITY OF UTAH  
2001 BSN UNIVERSITY OF UTAH  
1994 ASN REGENTS  
1983 CERT UNIVERSITY OF UTAH  
Nursing  

Suzanne Jacobs, Assistant Professor 01/08/2001  
2004 MPhil UNIVERSITY OF UTAH  
1997 MA UNIVERSITY OF COLORADO AT BOULDER  
1993 BA COLGATE UNIVERSITY  
Humanities  

Rosemary Jamieson, Associate Professor 07/01/1994  
1993 CERT UNIVERSITY OF NEW ENGLAND  
1978 MS UNIVERSITY OF NORTHERN IOWA  
1972 BS MT. MERCY COLLEGE  
Developmental Education  

DeeAnn Jensen, Professor 09/01/1989  
1975 MS BRIGHAM YOUNG UNIVERSITY  
1974 BS BRIGHAM YOUNG UNIVERSITY  
2003 CERT AMERICAN ACADEMY OF PROFESSIONAL CODERS  
2003 CERT AMERICAN HEALTH INFORMATION MANAGEMENT ASSOCIATION  
S/C OIS  

K. C. Jensen, Instructor 07/01/2000  
1990 JD BRIGHAM YOUNG UNIVERSITY  
1982 BS BRIGHAM YOUNG UNIVERSITY  
1980 AS CATONSVILLE COMMUNITY COLLEGE  
Paralegal  

Richard Jensen, Professor 09/22/1986  
1971 MA UNIVERSITY OF UTAH  
1968 BS UNIVERSITY OF UTAH  
Humanities  

W. Jane Jensen, Instructor 08/16/2006  
1997 APRN AMERICAN NURSES CREDENTIALING CENTER  
1997 MSN UNIVERSITY OF UTAH  
1991 BSN WEBER STATE UNIVERSITY  
1980 ADN WEBER STATE UNIVERSITY  
1978 LPN SALT LAKE COMMUNITY COLLEGE  
Nursing  

Lew Jeppson, Instructor 03/29/1993  
1992 MS UNIVERSITY OF UTAH  
1988 BS WESTMINSTER COLLEGE  
1972 BS UNIVERSITY OF UTAH  
1970 BS UNIVERSITY OF UTAH  
Economics  

Kathleen Jewkes, Instructor 01/02/2008  
2003 MSN UNIVERSITY OF PHOENIX  
1974 BSN UNIVERSITY OF UTAH  
Nursing  

Douglas Johns, Instructor 08/16/2004  
Applied Technology Center  

Karen Johnsen, Associate Professor 09/30/1986  
1998 MA UNIVERSITY OF PHOENIX  
1969 BA UNIVERSITY OF UTAH  
Developmental Education  

Boyd Johnson, Instructor 08/23/2006  
1980 LIC GENERAL CONTRACTOR  
Building Construction  

Roger Johnson, Assistant Professor 02/01/1991  
2000 MS BRIGHAM YOUNG UNIVERSITY  
1987 BS UNIVERSITY OF PHOENIX  
Communication  

Kathleen Johnston, Instructor 09/24/1998  
1987 MA UNIVERSITY OF SOUTHERN CALIFORNIA  
1976 BA UNIVERSITY OF CALIFORNIA SANTA CRUZ  
Developmental Education  

Shirley Jones, Professor 01/07/1992  
1993 PhD UNIVERSITY OF UTAH  
1969 MA UNIVERSITY OF UTAH  
1961 BA BRIGHAM YOUNG UNIVERSITY  
Communication  

Karl Jorgensen, Associate Professor 10/01/1992  
2004 MEd UNIVERSITY OF UTAH  
1988 BS WEBER STATE UNIVERSITY  
1985 BS WEBER STATE UNIVERSITY  
S/C OIS  

Vinayak Kamdar, Instructor 01/16/2002  
1974 MBA WEST VIRGINIA UNIVERSITY  
1961 MS VIRGINIA POLYTECHNIC INSTITUTE  
1960 BS UNIVERSITY OF OREGON  
Engineering  

Art Kanehara, Associate Professor 06/20/1994  
1993 MA UNIVERSITY OF UTAH  
1989 BA UNIVERSITY OF UTAH  
Communication
Susumu Kasai, Professor 09/16/1997
1997 MS UNIVERSITY OF MISSOURI - ST. LOUIS
1992 MA UNIVERSITY OF MISSOURI - COLUMBIA
1971 BS CARLETON COLLEGE
Computer Information Systems

Mary Keleher, Assistant Professor 08/16/2004
2004 PhD BRIGHAM YOUNG UNIVERSITY
1994 MS OHIO UNIVERSITY
1994 MS OHIO UNIVERSITY
1992 BS FRANKLIN UNIVERSITY
Biological Systems

James Kidd, Instructor 08/16/2004
Developmental Education

Karen Kilinger, Associate Professor 01/04/1995
1992 MS EMBRY-RIDDLE AERONAUTICAL UNIVERSITY
1982 BS FT. VALLEY STATE COLLEGE
Business Management

Lynn Kilpatrick, Assistant Professor 06/10/2002
2004 PhD UNIVERSITY OF UTAH
1998 MA WESTERN WASHINGTON UNIVERSITY
1991 BA UNIVERSITY OF OREGON
English

Kevin King, Assistant Professor 08/01/1996
1989 BA CALIFORNIA POLYTECHNIC SAN LUIS OBISPO
Architectural Technology

Duane Kinner, Instructor 08/29/2001
1999 BS GALLAUDET UNIVERSITY
ASL/Interpreting

Keith Knavel, Assistant Professor 12/28/1994
1997 BS UTAH STATE UNIVERSITY
1995 AAS SALT LAKE COMMUNITY COLLEGE
1993 AS SALT LAKE COMMUNITY COLLEGE
Diesel Systems Technology

Frank Komatar, Associate Professor 01/01/1981
1971 MS UNIVERSITY OF WISCONSIN
1965 BS MONMOUTH COLLEGE
Geosciences

Randal Koziatek, Professor 03/30/1992
1986 MS INDIANA UNIVERSITY
1984 BS INDIANA UNIVERSITY
Computer Information Systems

Mark Kranendonk, Assistant Professor 09/21/1994
1997 AS SALT LAKE COMMUNITY COLLEGE
Diesel Systems Technology

Carla Kuliszny, Associate Professor 04/11/1998
1998 MS UNIVERSITY OF UTAH
1993 BS UNIVERSITY OF UTAH
1979 BA UNIVERSITY OF DENVER
Developmental Education

Karen Kwan, Assistant Professor 08/23/2000
1988 MA PEPPERDINE UNIVERSITY
1984 BA PEPPERDINE UNIVERSITY
Psychology

Melodee Lambert, Associate Professor 09/01/1985
1980 MEd UNIVERSITY OF UTAH
1970 BS BRIGHAM YOUNG UNIVERSITY
Business Management

George Lange, Instructor 09/01/1986
1984 CERT SALT LAKE COMMUNITY COLLEGE
1995 CERT SALT LAKE COMMUNITY COLLEGE
S/C Refrigeration & Air Conditioning

Stanley Lawrence, Professor 09/01/1970
1996 MA UNIVERSITY OF PHOENIX
1986 BS WEBER STATE UNIVERSITY
1975 AAS SALT LAKE COMMUNITY COLLEGE
School of Professional & Economic Development

Rachel Lawyer, Associate Professor 09/28/1992
2000 MS UNIVERSITY OF UTAH
1971 BS UTAH STATE UNIVERSITY
Developmental Education

Roger Lee, Professor 01/01/1991
1980 PhD UNIVERSITY OF UTAH
1977 MBA UTAH STATE UNIVERSITY
1973 MPA BRIGHAM YOUNG UNIVERSITY
1969 BS WEBER STATE UNIVERSITY
Business Management

Paul Lerda, Professor 09/09/1987
1988 CERT AMERICAN NURSES CREDENTIALING CENTER
1987 MSN UNIVERSITY OF UTAH
1984 BS UNIVERSITY OF UTAH
S/C Nurse Assistant

Cristin Longhurst, Associate Professor 01/01/1991
1973 MA BRIGHAM YOUNG UNIVERSITY
1971 BA UNIVERSITY OF CALIFORNIA LOS ANGELES
Developmental Education

Jon Longo, Instructor 09/14/1998
Applied Technology Center

Jodie Lopez, Instructor 02/16/2007
2000 BS WEBER STATE UNIVERSITY
1992 AS WEBER STATE UNIVERSITY
Dental Hygiene

Jaydene Love, Associate Professor 09/20/1995
1986 MS UNIVERSITY OF COLORADO
1970 BS WEBER STATE UNIVERSITY
Accounting

Channing Lowe, Instructor 08/16/2007
1996 BA UNIVERSITY OF UTAH
Fine Arts

Rebecca Lowell, Instructor 08/16/2008
2008 CERT GE OEC MEDICAL SYSTEMS
2006 BS WEBER STATE UNIVERSITY
2006 MS MIDWESTERN UNIVERSITY
1996 BS WEBER STATE UNIVERSITY
1991 AAS WESTERN WYOMING COMMUNITY COLLEGE
Radiological Technology

Brenda Lyman, Associate Professor 01/07/2002
2004 CERT WESTERN MICHIGAN UNIVERSITY
1993 CERT AMERICAN OCCUPATIONAL THERAPY ASSOCIATION
1983 BS COLORADO STATE UNIVERSITY
1976 CERT LINCOLN SCHOOL OF COMMERCE
Occupational Therapy

Kjartan Magnusson, Professor 09/01/1972
1989 EdD BRIGHAM YOUNG UNIVERSITY
1978 MEd UTAH STATE UNIVERSITY
1968 BA BRIGHAM YOUNG UNIVERSITY
Economics
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<td>Andrea Malouf, Assistant Professor</td>
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<td>Terry Martin, Assistant Professor</td>
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<td>Marie Mendenhall, Instructor</td>
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<td>Steven Mendiola, Instructor</td>
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<td>Don Merrill, Professor</td>
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<td>Douglas Miller, Instructor</td>
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<td>08/02/2007</td>
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<td>Julia Miller, Instructor</td>
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<td>Kristi Miller, Instructor</td>
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<td>John Minichino, Instructor</td>
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<td>04/01/1997</td>
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<td>Jana Mitchell, Instructor</td>
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<td>Mohammad Mohsenian, Professor</td>
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<td>Elizabeth Montague, Associate Professor</td>
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<td>09/15/1981</td>
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<td>Randy Moon, Instructor</td>
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<td>09/22/1997</td>
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<td>Julie Morgan, Assistant Professor</td>
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<td>Shannon Mullins, Instructor</td>
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<td>Aarti Nakra, Assistant Professor</td>
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<td><strong>Holly Nelson, Instructor</strong></td>
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<td><strong>Jeanne Noble, Professor</strong></td>
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Charles Retberg, Instructor  08/16/2005
2003  PhD  UNIVERSITY OF UTAH
1995  MS  UNIVERSITY OF MONTANA
1987  BS  UNIVERSITY OF MONTANA
Biotechnology

Dollie Richards, Associate Professor  01/02/1991
1992  MA  BRIGHAM YOUNG UNIVERSITY
1979  BA  UTAH STATE UNIVERSITY
Health & Lifetime Activities

Douglas Richards, Associate Professor  08/16/2001
1995  BS  INDIANA UNIVERSITY
1996  AS  INDIANA UNIVERSITY
1981  BA  EASTERN MONTANA COLLEGE
Mathematics

DeeLayne Roark, Instructor  06/01/2007
ASL/Interpreting

Paul Roberts, Assistant Professor  09/23/1996
1996  MS  UNIVERSITY OF UTAH
1992  BS  UNIVERSITY OF UTAH
Health & Lifetime Activities

Edward Rosenberger, Instructor  01/12/2004
Visual Art & Design

Tiffany Rousculp, Associate Professor  09/16/1993
1993  MA  UNIVERSITY OF SOUTHERN CALIFORNIA
1990  BA  ARIZONA STATE UNIVERSITY
English

Julie Rowsey, Assistant Professor  08/11/2003
2000  MSN  UNIVERSITY OF PHOENIX
1987  BSN  UNIVERSITY OF UTAH
1982  ASN  WEBER STATE UNIVERSITY
Nursing

Jane Rudolph, Assistant Professor  09/27/1993
1987  PhD  INDIANA UNIVERSITY
1976  BA  UNIVERSITY OF WYOMING
Biology

Mark Sabolik, Instructor  01/01/1991
1985  AAS  HUTCHINSON TECHNICAL COLLEGE
Non Destructive Testing

Amar Sahay, Professor  03/23/1992
1992  PhD  UNIVERSITY OF UTAH
1986  MS  UNIVERSITY OF UTAH
1980  BS  BIRLA INSTITUTE OF TECHNOLOGY
1975  AS  ST. XAVIERS COLLEGE
Business Management

Katerina Salini, Associate Professor  02/01/2002
2003  BS  WESTMINSTER COLLEGE
1993  MS  UNIVERSITY OF UTAH
1987  BA  UNIVERSITY OF NEW MEXICO
Psychology

Brenda Santistevan, Assistant Professor  09/16/1997
1996  MS  NEW MEXICO STATE UNIVERSITY
1995  BS  NEW MEXICO INST. OF MINING & TECHNOLOGY
Mathematics

Arleen Sawitzke, Professor  09/01/1990
1991  PhD  UNIVERSITY OF ILLINOIS
1982  Cert  UNIVERSITY OF ILLINOIS
1981  BA  CARROLL COLLEGE
Biology

David Schaffer, Instructor  01/09/2006
2007  MS  WICHITA STATE UNIVERSITY
1982  BS  UNIVERSITY OF UTAH
Physics

Albert Schmuhl, Associate Professor  09/16/1993
1973  BS  BRIGHAM YOUNG UNIVERSITY
Visual Art & Design

Sarah Schramm, Instructor  08/16/2008
1981  MS  UNIVERSITY OF ILLINOIS
1979  BS  UNIVERSITY OF UTAH
Family & Human Studies

Leslie Seiferle, Associate Professor  09/16/1993
2003  BS  UTAH STATE UNIVERSITY
1996  CERT  AMERICAN CULINARY FEDERATION
1991  CERT  AMERICAN CULINARY FEDERATION
1986  AA  CULINARY INSTITUTE OF AMERICA
Culinary Arts

Sesh Seshadri, Assistant Professor  01/11/1999
1984  PhD  UNIVERSITY OF ILLINOIS
1967  MS  UNIVERSITY OF MADRAS
Chemistry

Russell Shipley, Associate Professor  01/16/2009
1999  MSN  REGIS UNIVERSITY
1994  BSN  REGIS UNIVERSITY
1988  MA  PARK UNIVERSITY
Nursing

Cheryl Shurtleff, Associate Professor  07/01/1987
1987  CERT  UNIVERSITY OF ILLINOIS
1987  MA  UNIVERSITY OF ILLINOIS
1975  BA  AUGUSTA COLLEGE
S/C ESL

Carol Sieverts, Associate Professor  09/25/1989
1993  MA  UNIVERSITY OF ILLINOIS
1972  BA  BRIGHAM YOUNG UNIVERSITY
Developmental Education

Fiona Silcox, Associate Professor  04/03/1997
2008  MAS  EMBRY RIDDLE AERONAUTICAL UNIVERSITY
1994  BA  EMBRY RIDDLE AERONAUTICAL UNIVERSITY
Professional Pilot

Celeste Skinner, Instructor  07/01/2009
1977  CERT  SLC COLLEGE OF MEDICAL & DENTAL ASSISTANTS
Applied Technology Center

Don Skousen, Instructor  03/29/1994
1980  MS  UNIVERSITY OF UTAH
1977  BS  UNIVERSITY OF UTAH
Business Management

Monte Sleight, Assistant Professor  01/10/2005
1999  JD  UNIVERSITY OF ILLINOIS
1996  BS  UNIVERSITY OF ILLINOIS
Paralegal

Tyler Smith, Instructor  06/03/2008
1999  MA  UNIVERSITY OF ILLINOIS
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2003  BS  UNIVERSITY OF ILLINOIS
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Mathematics

Cindy Soderstrom, Associate Professor  04/06/1992
2002  Med  WESTMINSTER COLLEGE
1998  BS  UNIVERSITY OF UTAH
1992  AS  SALT LAKE COMMUNITY COLLEGE
Mathematics
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<td>Mequette Sorensen, Assistant Professor</td>
<td>1996 MSW UNIVERSITY OF UTAH 1991 BA UNIVERSITY OF UTAH Social Work</td>
<td>03/31/1998</td>
<td>Shane Tang, Assistant Professor</td>
<td>2001 MS BRIGHAM YOUNG UNIVERSITY 1999 BS BRIGHAM YOUNG UNIVERSITY</td>
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<td>Connie Spanton-Jex, Assistant Professor</td>
<td>1986 MS PEPPERDINE UNIVERSITY 1964 BS ALABAMA STATE UNIVERSITY Developmental Education</td>
<td>06/02/2001</td>
<td>Kristen Taylor, Instructor</td>
<td>1998 BS UNIVERSITY OF UTAH 2007 MS UNIVERSITY OF HAWAII Biology</td>
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<td>Mildred Sparks, Associate Professor</td>
<td>1975 MS PEPPERDINE UNIVERSITY 1964 BS ALABAMA STATE UNIVERSITY Developmental Education</td>
<td>08/16/2003</td>
<td>Donna Thompson, Professor</td>
<td>1989 MSN BRIGHAM YOUNG UNIVERSITY 1985 BSN BRIGHAM YOUNG UNIVERSITY 1976 ADN UNIVERSITY OF KENTUCKY Nursing</td>
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<td>Barbara Stencel, Associate Professor</td>
<td>1980 MSN UNIVERSITY OF UTAH 1977 BSN UNIVERSITY OF UTAH 1972 CERT RAVENSWOOD HOSPITAL SCHOOL Nursing</td>
<td>08/16/2001</td>
<td>Suzanne Topp, Assistant Professor</td>
<td>2001 MS OREGON STATE UNIVERSITY 1989 BS SANTA CLARA UNIVERSITY Mathematics</td>
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<td>Peggy Stevens, Professor</td>
<td>1987 MSN BRIGHAM YOUNG UNIVERSITY 1972 BS WESTMINSTER COLLEGE Nursing</td>
<td>09/20/1995</td>
<td>Ruth Trygstad, Associate Professor</td>
<td>1998 MS SOUTHERN ILLINOIS UNIVERSITY 1995 BA SOUTHERN ILLINOIS UNIVERSITY Mathematics</td>
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1984 MS BRIGHAM YOUNG UNIVERSITY
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Mathematics

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2004 CERT COMPTIA I-NETT
2003 CERT RED HAT ENGINEER
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2003 CERT COMPTIA CIT
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Curtis Youngman, Professor 09/14/1978
1977 MS UTAH STATE UNIVERSITY
1974 BS UTAH STATE UNIVERSITY
Marketing
 Administration

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<td>Sondra Adams, Dept. Chair, Health &amp; Life Activities</td>
<td>07/01/1990</td>
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<td>Health &amp; Lifetime Activities</td>
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<td>Paul Allen, Department Chair</td>
<td>08/16/2002</td>
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<td>Robert Askerlund, Director</td>
<td>11/16/1989</td>
<td>2000 BS</td>
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<td>Tim Beagley, Department Chair</td>
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<td>George Billings, Division Chair</td>
<td>09/15/1986</td>
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<td>Blair Carruth, Dean</td>
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<td>08/01/1970</td>
<td>1973 MS</td>
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<td>10/19/1992</td>
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<td>Randy Cutoff, Director</td>
<td>04/16/2007</td>
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<td>Ray Emott, Director</td>
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<td>Janet Felker, Dean</td>
<td>11/01/1985</td>
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<td>SKIDMORE COLLEGE</td>
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<td>John Fritz, Department Chair</td>
<td>12/01/1987</td>
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<td>Craig Gardner, Director</td>
<td>08/22/1991</td>
<td>1987 BA</td>
<td>BRANDYWINE COMMUNITY COLLEGE</td>
<td>Human Resources</td>
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<td>Bryan Griggs, Department Chair</td>
<td>09/01/1991</td>
<td>1981 BS</td>
<td>UNIVERSITY OF PITTSBURGH</td>
<td>Visual Art &amp; Design</td>
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<td>Karen Gunn, Dean</td>
<td>04/01/1992</td>
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<td>WESTMINSTER COLLEGE</td>
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<td>Loredana Haeger, Dean</td>
<td>11/01/2008</td>
<td>2001 PhD</td>
<td>BRIGHAM YOUNG UNIVERSITY</td>
<td>School of Health Science</td>
</tr>
</tbody>
</table>
ADMINISTRATION

Douglas Hansen, Controller/Business Manager 11/08/1999
1982 CPA STATE OF UTAH
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1969 MBA UNIVERSITY OF UTAH
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1978 MS BRIGHAM YOUNG UNIVERSITY
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2007 LCSW STATE OF UTAH
1992 MSW UNIVERSITY OF UTAH
1988 BS UNIVERSITY OF UTAH
Social & Behavior Sciences

Kyle Wagner, Division Chair 12/01/2007
2006 PhD CAPELLA UNIVERSITY
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Aviation & Related Technology

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1992 CERT US DEPARTMENT OF EDUCATION
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Student Enrollment Services

L. Kay White, Division Chair 07/01/1992
2005 EdD UNIVERSITY OF UTAH
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Communication

Gordon Wilson, Director 05/22/1989
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