

GENERAL CATALOG

Salt Lake
Community
College



STEP AHEAD.



IMPORTANT NOTE:

Please refer to the online
version for essential updates
to the printed catalog.

www.slcc.edu/catalog

2010 - 2011

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DISCLAIMER

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,

Cynthia A. Bioteau

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

STUDENT BODY PROFILE

Based on Fall Semester 2009, third week figures.

27,723	Headcount
16,154	FTE
96%	Utah Residents
4%	Non-Residents
42%	Freshmen
58%	Sophomores
51%	Male
49%	Female
2%	Veterans
75.71%	Caucasian
8.67%	Hispanic
6.61%	Unknown/Unreported
4.82%	Asian/Pacific Islander
1.84%	African American
1.11%	American Indian/Alaskan Native
1.24%	Non-Resident Alien

Average Student Age - 25.04 Years old

Student to Faculty Ratio - 20:1

Number of Graduates - 3,693 students graduated during the 2008-2009 school year. (Includes School of Applied Technology)

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 \$3.7 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 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

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STEP TWO

COMPLETE PLACEMENT TESTING

STEP THREE

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STEP FOUR

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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 (1) 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 of study. 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.

2 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 un-timed; 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 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.

3 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.

4 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.

5 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).

6 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.

7 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).

8 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.

9 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

CREDIT HOURS	RESIDENT TUITION/FEES	NON-RESIDENT TUITION/FEES	APPRENTICESHIPS TUITION/FEES BY CLASS
1	158.00	418.00	92.00
2	280.00	800.00	145.00
3	402.00	1,182.00	198.00
4	524.00	1,564.00	251.00
5	646.00	1,946.00	304.00
6	768.00	2,328.00	357.00
7	890.00	2,710.00	410.00
8	1,012.00	3,092.00	463.00
9	1,134.00	3,474.00	516.00
10	1,256.00	3,856.00	569.00
11	1,361.00	4,221.00	622.00
12-18	1,466.00	4,586.00	675.00
19	1,571.00	4,951.00	728.00
20	1,676.00	5,316.00	781.00
21	1,781.00	5,681.00	834.00
22	1,886.00	6,046.00	887.00
23	1,991.00	6,411.00	940.00
24	2,096.00	6,776.00	993.00
25	2,201.00	7,141.00	1,046.00

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 non-refundable \$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.

10 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/acadoic.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 R470. (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} or 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 freshman (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.)

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

Admissions:
South City Campus
 1575 S. State Street

Taylorsville Redwood Campus
Student Center

Rose Park Center
 1400 W. Goodwin Ave

Highland Center
 3760 South Highland Drive

The School of Applied Technology offers a variety of non-credit CTE courses and programs ranging from 10 to over 1200 clock hours in length at seven SLCC campuses/centers. It also offers classes in Adult Basic Education (Reading, Writing, and Math), GED preparation, English as a Second Language (ESL) and other vocational preparation basic skills courses. All programs are VA eligible and most programs 600 clock hours in length or longer are Financial Aid eligible.

UNIVERSITY CENTER

Taylorsville Redwood Campus, (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. See page 66 for further information.

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 esthetics 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.

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 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	1320	Business Math (QS)	3
CPA	1470	Math for the Trades (QS)	5
CPI	1470	Math for the Trades (QS)	5

ELI	1470	Math for the Trades (QS)	5
FIN	1380	Financial Mathematics (QS)	3
FMTA	1470	Math for the Trades (QS)	5
HVAC	1470	Math for the Trades (QS)	5
IND	1120	Math for Welders (QS)	3
MATH	1010	Intermediate Algebra (QS)	4
MATH	1020	Math for the Health Disciplines (QS)	3
PLI	1470	Math for the Trades (QS)	5
SVT	1110	Surveying Math I (QS)	4

NOTE: In selecting a QS course to fulfill General Education requirements for an AAS, students must consult their academic program in this Catalog.

COMMUNICATION (CM) 3 CREDITS

COMM	1010	Elements Of Effective Comm. (CM, IN)	3
COMM	1020	Principles of Public Speaking (CM, IN)	3
CTEL	1020	Career Speech Skills (CM)	3

NOTE: In selecting a CM course to fulfill General Education requirements for an AAS, students must consult their academic program in this Catalog.

HUMAN RELATIONS (HR) 2-3 CREDITS

ART	1150	Foundation Seminar (HR) <i>(Recommended for Visual Art & Design students only)</i>	2
COMM	2110	Interpersonal Communication (HR)	3
CTEL	1010	Leadership & Team Building (HR)	3
LE	1220	HR for Career Development (SS, HR)	3
MKTG	1010	Customer Service (HR)	2
MKTG	1050	Consumerism (HR, ID)	3
MKTG	1960	Professionalism in Business (HR)	3

NOTE: In selecting an HR course to fulfill General Education requirements for an AAS, students must consult their academic program in this Catalog.

AAS INSTITUTIONAL REQUIREMENTS: 3-6 CREDITS

Students must take one to two courses (3-6 credits) from the list of General Education Distribution Areas (BS, FA, HU, PS, SS, ID).

NOTE: See individual program descriptions for possible program-specific recommendations for course selection in these distribution areas.

ASSOCIATE OF SCIENCE/ ASSOCIATE OF ARTS DEGREE (AS/AA) GENERAL EDUCATION REQUIREMENTS

This section outlines the General Education requirements for the Associate of Science (AS) and the Associate of Arts (AA) degrees.

AS and AA degrees require a minimum of 34 credit hours in general education requirements as outlined below. The AA also includes a minimum of five credits of World Language at the second semester level. Students must complete a total of 60-63 credits, including the General Education requirements to graduate with an AS or AA degree.

NOTE: Some academic programs may recommend different courses for the General Education requirements than those listed below. General Education recommendations are **not** requirements, but faculty have decided that such recommendations may aid the student in the future, especially when transferring. See academic programs listed alphabetically in the program descriptions section of this catalog.

The General Education requirements for an **ASSOCIATE OF SCIENCE**, an **ASSOCIATE OF ARTS**, or a **"Letter of General Education Completion"** will be considered fulfilled when a student has completed a minimum of 34-38 credit hours in the following areas:

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
OR			
MATH	1040	Introduction to Statistics (QL)	3
OR			
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 at four-year institutions.

AMERICAN INSTITUTIONS (AI) 3 CREDITS

ECON	1740	Economic History of the U.S. (AI)	3
OR			
HIST	1700	American Civilization (AI)	3
OR			
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	1250	Resonbl. & Rat'l Decsn-Makng (IN)	3

COMPUTER LITERACY (CL) 3 CREDITS

A competency test www.slcc.edu/CIS

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	1050	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	1375	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	1580	Introduction to Tap Dance I (FA)	3
FA	1080	Basic Metal Sculpting (FA)	3
FA	1090	Bridging the Arts (FA)	3
FLM	1023	Introduction to Film (FA)	4
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	1013	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)	4

HUMANITIES (HU)

ANTH	2011	People & Cultures of the Southwest (HU)	3
ANTH	2120	Sacred Traditions (HU)	3
ARTH	2520	Latin American Art to 1821 (HU)	3
ARTH	2710	Art History: Prehistory/Ren. (HU)	3
ARTH	2720	Art History: Ren./Contemp. (HU)	3
COMM	1050	Elem. of Human Communication (HU)	3
ENGL	1050	Intro to Reading Contemp Culture (HU, DV)	3
ENGL	1060	Tech Studies/Rdg, Wrtg & Rspd (HU)	3
ENGL	1100	Diversity in Pop 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	2810	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	1300	Dev Western Civ/Ancient to Renaiss (HU)	3
HUMA	1310	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	2400	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	Intl 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	1010	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	1010	Introduction to Meteorology (PS)	3
PHYS	1010	Elementary Physics (PS)	3
PHYS	1040	Elementary Astronomy (PS)	3

SOCIAL SCIENCES (SS)

COMM	1080	Conflict Mgmt & Diversity (SS, DV)	3
CJ	1010	Criminal Justice (SS)	3
ECON	1010	Economics as a Social Science (SS)	3
ECON	1600	Intro to Economic Systems (SS)	3
ETHS	2410	African American Culture (SS, DV)	3
ETHS	2420	Asian American Culture (SS, DV)	3
ETHS	2430	Mexican American Culture (SS, DV)	3
ETHS	2440	Native American Culture (SS, DV)	3
FHS	1500	Lifespan, Growth & Development (SS)	3
HIST	1100	Western Civ. to 1300 (SS)	3
HIST	1110	Western Civ. Since 1300 (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
LE	1220	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	2630	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 Biomanufacturing (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	1500	Introduction to Mass Communication (ID)	3
COMM	2110	Interpersonal Comm (ID, HR)	3
COMM	2150	Intercultural Communication (ID, DV)	3
COMM	2500	Elements and Issues of Digital Media (ID)	4
EDU	1400	Study of Disabilities (ID, DV)	3
ELEC	1010	Electricity and Modern Living (ID)	3
ELET	1600	The Electronics Age (ID)	3
ENGR	1050	Intro to Nanotechnology (ID)	3
ENVT	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	1050	Personal Finance (ID)	3
GEOG	1300	Regional Geography (ID)	3
GEOG	1400	Human Geography (ID)	3
GEOG	1800	Introduction to GIS (ID)	3
GEOG	2200	Urban/Environ. Issues (ID)	3
HLTH	1050	Life, Society and Drugs (ID)	3
HLTH	1110	Social Health & Diversity (ID, DV)	3
HLTH	1500	Lifetime Wellness and Fitness (ID)	3
HUMA	2130	Philosophy in Literature (ID)	3
INTL	2980	Travel Studies (ID)	3

INTL	2990	Study Abroad (ID)	3
LE	1020	Essentials of College Study (ID)	3
LE	1310	Mind, Machine, Consciousness (ID)	3
LE	1350	Values and Self Image (ID)	3
LE	1360	Opening Diverse Doors (ID, DV)	3
MKTG	1050	Consumerism (ID)	3
MUSC	1500	Music and Technology (ID)	3
PHIL	1130	Personal Ethics (ID, DV)	3
PHIL	1200	Diversity & Philosophy of Work (ID, DV)	3
POLS	2100	Intro International Politics (ID)	3
SOC	1020	Social Problems (ID)	3
SOC	2400	Intermountain West and People (ID)	3
TECH	1010	Technology and the Future (ID)	3

REQUIREMENT FOR ASSOCIATE OF ARTS (AA) DEGREES ONLY

LANGUAGE (LN) 5 CREDITS*

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

*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

The Associate of Pre-Engineering degree is a specialized associate degree that requires reduced general education requirements. Students 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 Commission 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.

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.

DESIGNATED AS A SERVICE-LEARNING COURSE

Indicates that *every* section of the course taught will incorporate service-learning regardless of the faculty member teaching the section.

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	2010	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

DESIGNATED AS A SERVICE-LEARNING COURSE

EDU	1010	Orientation to Education	3
EDU	2010	Introduction to Special Education	3
LE	1220	Human Relations for Career Dev (SS, HR)	3
OTA	1140	Physical Dysfunction Lecture	3
OTA	1150	Physical Dysfunction Lab	1
OTA	1170	Physical Dysfunction Field	2
OTA	1210	OT Professional Issues I	2
OTA	1220	OT Modalities II Lecture	2
OTA	1230	OT Modalities II Lab	1
OTA	1240	Physical Dysfunction II	3
OTA	1250	Physical Dysfunction II Lab	1
OTA	1270	Pediatric FW Experience	2
OTA	2310	OT Professional Issues II	2
OTA	2320	OT Modalities Lecture III	2
OTA	2330	Modalities III Lab	1
OTA	2350	Geriatrics	3
OTA	2380	Psychosocial/Geri FW I Experience	2
OTA	2450	Fieldwork Experience II Part 1	6
OTA	2460	Fieldwork Experience II Part 2	6

ADMISSIONS

INSURANCE

ENGLISH AS A SECOND LANGUAGE

REGISTRATION

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GRADES AND REPORTS

ACADEMIC STANDARDS POLICY

TUITION AND FEES

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GRADUATION

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COLLEGE POLICIES

STUDENT CODE OF CONDUCT

**FAIR AND EQUITABLE DISCIPLINARY
PROCESS**

**CAMPUS 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.

NOTE: Entering international students should be aware that gaining proficiency in English may require as much as ONE YEAR and may delay entry into their degree programs. Students should plan their course of study and financial support accordingly.

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.

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:

Taylorsville Redwood Campus
Student Health Clinic SCo48 (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 retests 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 the published deadline and late payment fees may be assessed. Early class registration services are available for students who are registered with the Disability Resource Center.

PRIORITY TICKET

When students complete registration for a course online, but receive an error message because the course is full, a Priority Ticket is automatically issued for only the specific course that is full. This allows students an opportunity to register for the same 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 5th business day of each full semester or term of 7 1/2 weeks or longer, or through the end of the 2nd business day of any term shorter than 7 1/2 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 nonpayment. 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 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

EXAM	SCORE	CR	COURSES
Art History	3	6	ARTH 2710 (3 cr.) + 3 cr. HU
	4-5	6	ARTH 2710 (3 cr.) + ARTH 2720 (3 cr.)
Art Studio (All)	3-5	6	6 cr. V/T elective***
Biology	3-5	6	BIOL 1010 /1015(4 cr.) +2 cr. GS elective
Calculus AB	3	6*	MATH 1050 (4 cr.) + 2 cr. GS elective
	4-5	8*	MATH 1050 (4 cr.) + MATH 1210 (4 cr.)
Calculus BC	3	8*	MATH 1050 (4 cr.) + MATH 1210 (4 cr.)
	4-5	8*	MATH 1210 (4 cr.) + MATH 1220 (4 cr.)
Calculus BC/AB Subscore	3	6	MATH 1050 (4 cr.) + 2 cr. GS elective
Chemistry	3	8*	CHEM 1010 (3 cr.) + CHEM 1210 (4 cr.) + CHEM 1215 (1 cr.)
	4-5	8*	CHEM 1210 (4 cr.) + CHEM 1220 (4 cr.)
Chinese Language and Culture	TBD**		
Computer Science A	3	3	CS 1400 (3 cr.)
	4-5	7	CS 1400 (3 cr.) + CS 1410 (4 cr.)
Computer Science A B	3	7	CS 1400 (3 cr.) + CS 1410 (4 cr.)
	4-5	8	Waive CS 1400 for CS Majors CS 1410 (4 cr.) + CS 2420 (4 cr.)
Economics - Micro	3-5	3	ECON 2010 (3 cr.)
Economics - Macro	3-5	3	ECON 2020 (3 cr.)
English - Language and Composition	3-5	6*	ENGL 1010 (3 cr.) + 3 cr. GS elective
English - Literature and Composition	3-5	6*	ENGL 1010 (3 cr.) + ENGL 2600 (3 cr.)
Environmental Science	3-5	3	ENVT 1010 (3 cr.)
European History	3-5	6	3 cr. SS + 3 cr SS
Foreign Language (French, German, Spanish)	3-5	10	Language 1010 (5 cr.) + Language 1020 (5 cr.)
French Literature	3-5	6	6 cr. GS elective
Government & Politics - Comparative	3-5	3	POLS 2200 (3 cr.)
Government & Politics - US	3-5	3	POLS 1100 (3 cr.)
Human Geography	3-5	3	3 cr. GS elective
Italian Language and Culture	TBD**		
Japanese Language and Culture	TBD**		
Latin Literature	TBD**		
Latin: Vergil	TBD**		
Music Theory	3-5	6	6 cr. GS elective
Physics B	3	6*	PHYS 1010 (3 cr.) + 3 cr. PS
	4-5	8*	PHYS 2010 (4 cr.) + PHYS 2020 (4 cr.)
Physics C Electricity/ Magnetism	3	3*	PHYS 1010 (3 cr.)
	4-5	5*	PHYS 2020 (4 cr.) + PHYS 2025 (1 cr.)
Physics C Mechanical	3	3*	PHYS 1010 (3 cr.)
	4-5	5*	PHYS 2010 (4 cr.) + PHYS 2015 (1 cr.)
Psychology	3-5	3	PSY 1010 (3 cr.)
Spanish Literature	3-5	6	6 cr. GS elective
Statistics	3-5	3	MATH 1040 (3 cr.)
U.S. History	3-5	6	HIST 1700 (3 cr.) + 3 cr. SS
World History	3-5	6	HIST 1500 (3 cr.) + HIST 1510 (3 cr.)

* 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.

Abbreviation	Description
CR	Credit
GS	General Studies
BS	Biological Science General Education Credit
ELV	Elective
FA	Fine Arts General Education Credit
HU	Humanities General Education Credit
ID	Interdisciplinary General Education Credit
PS	Physical Science General Education Credit
SS	Social Science General Education Credit
V/T	Vocational/Technical

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.

TABLE 2: CLEP EXAM CREDIT

EXAM	SCORE	CR	COURSES
College Composition	50	6	ENGL 1010 (3 cr.) + 3 cr. GS elective
Natural Sciences	50	6	3 cr. PS + 3 cr. BS
Humanities	50	6	3 cr. FA + 3 cr. HU
Social Science/History	50	6	HIST 1700 (3 cr.) + 3 cr. SS

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.

TRANSFERRING 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.

***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.

NOTE: Students wishing to transfer credits from schools **outside** the U.S. should submit a comprehensive report from an accredited **foreign credential evaluation** service. Contact Enrollment Services or International Student Services for a list of foreign credential evaluation services.

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 (11130 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 SLCC credits. 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:

UTAH SYSTEM OF HIGHER EDUCATION INSTITUTIONS

DIXIE STATE COLLEGE
SOUTHERN UTAH UNIVERSITY
UNIVERSITY OF UTAH
UTAH STATE UNIVERSITY
UTAH VALLEY UNIVERSITY
WEBER STATE UNIVERSITY

PRIVATE AND OUT-OF-STATE SCHOOLS

ARGOSY UNIVERSITY
BRIGHAM YOUNG UNIVERSITY
BYU HAWAII
BYU IDAHO
CALIFORNIA STATE UNIVERSITY, BAKERSFIELD
COLUMBIA COLLEGE OF MISSOURI
EMBRY-RIDDLE AERONAUTICAL UNIVERSITY
FRANKLIN UNIVERSITY (VIA INTERNET)
KAPLAN UNIVERSITY
PALMER COLLEGE OF CHIROPRACTIC

STRAYER UNIVERSITY
UNIVERSITY OF PHOENIX
WESTMINSTER COLLEGE
WESTERN GOVERNORS UNIVERSITY
WESTERN STATES COLLEGE OF CHIROPRACTIC

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...

to explore transfer interests and select courses that meet 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.

GRADES AND REPORTS

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:

GRADE	PTS.	QUALITY
A	4.0	SUPERIOR GRADE
A-	3.7	
B+	3.4	
B	3.0	ABOVE AVERAGE GRADE
B-	2.7	
C+	2.4	
C	2.0	AVERAGE GRADE
C-	1.7*	
D+	1.4	
D	1.0	LOWEST PASSING GRADE
D-	0.7	
E	0.0**	
		FAILING GRADE

* 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:

GRADE	DESIGNATION
W	WITHDRAWAL ¹
P	PASSING GRADE
I	INCOMPLETE GRADE ²
AU	AUDIT
EX	EXTENSION ³

¹ 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:

2010-2011 TUITION AND FEES

CREDIT HOURS	RESIDENT TUITION/FEES	APPRENTICESHIPS NON-RESIDENT TUITION/FEES	TUITION/FEES BY CLASS
1	158.00	418.00	92.00
2	280.00	800.00	145.00
3	402.00	1,182.00	198.00
4	524.00	1,564.00	251.00
5	646.00	1,946.00	304.00
6	768.00	2,328.00	357.00
7	890.00	2,710.00	410.00
8	1,012.00	3,092.00	463.00
9	1,134.00	3,474.00	516.00
10	1,256.00	3,856.00	569.00
11	1,361.00	4,221.00	622.00
12-18	1,466.00	4,586.00	675.00
19	1,571.00	4,951.00	728.00
20	1,676.00	5,316.00	781.00
21	1,781.00	5,681.00	834.00
22	1,886.00	6,046.00	887.00
23	1,991.00	6,411.00	940.00
24	2,096.00	6,776.00	993.00
25	2,201.00	7,141.00	1,046.00

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 (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 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 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 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 paying the non-resident portion of total tuition. To be eligible for exemption, the student must meet specified requirements including 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 outlining 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 purposes. 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 **\$50 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
P.O. 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 student 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 presented 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 installments are due by the 10th of the month. There are four installments 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 organization 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 responsible 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.

REFUND/ADJUSTMENT PERIOD ADJUSTMENT	PERCENT
Through 21st calendar day of semester	100%
After 21st calendar day	No Refund/Adjustment

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

REFUND/ADJUSTMENT PERIOD ADJUSTMENT	PERCENT
Through 20 percent of class taught	100%
Over 20 percent of class taught	No Refund/Adjustment

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

- SHOP CARDS ARE NON-REFUNDABLE -

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.

TUITION WAIVERS

SLCC maintains a tuition-waiver program, which waives tuition (not fees) for eligible students enrolled at least (9 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.

NOTE: Students should be aware that a 3.5 GPA is required, but may not be high enough to earn this type of waiver.

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:

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.

Not all programs are eligible for financial aid. Please contact the Financial Aid Office to determine if your program is eligible.

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, includ-

ing 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 order of loans, (Unsubsidized Stafford, Subsidized Stafford, Perkins, PLUS) Pell Grant, FSEOG Grant and other Title IV aid. If the student has any loans (Perkins, Stafford, and Plus) which have been used in the calculation, this obligation will be due and payable by the terms of the promissory note. Any grant funds to be returned by the student will be reduced by 50%. For example, if a calculation determines that a student's grant obligation is \$300, the repayment will be \$150.

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

APPLYING FOR GRADUATION

In order to graduate, students must:

1. Apply for graduation at least one semester before intended graduation and before the deadline published in the class schedule;
2. Complete an Application for Graduation obtained from Enrollment Services or www.slcc.edu/graduation;
3. Pay the \$25 graduation fee at the Courtesy Desk or Cashier's Office. A separate application and fee are required for each Certificate of Completion, diploma, or degree sought.

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 pursuing 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.

- c. 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.

Transcript request forms are available at www.slcc.edu. Faxed and mailed transcripts are usually processed within 3-5 working days after receiving your request. Unfortunately, we are unable to receive rush requests.

COLLEGE POLICIES

UNSCHEDULED COLLEGE CLOSURES

Information Hotline - (801) 957-INFO (957-4636)

SLCC normally remains open, running on schedule even during inclement weather. However, in cases of unusually severe weather or other unanticipated conditions, it is possible the College schedule may change: one or more sites may be closed or may open late, classes may be canceled, staff offices may be closed or evening classes may be dismissed early. For information about any unscheduled College closure, call the information hotline listed above. Information is posted to this hotline as soon as any decisions affecting class status are made and the recording is updated whenever conditions change.

CHANGES IN LAWS, RULES AND POLICIES

1. Although every effort has been made to assure accuracy of information in this catalog, students and others should note that laws, rules and policies change periodically. Often, such changes alter the information contained in this publication. It is not possible in a publication of this size to include all rules, policies, and other information which pertain to students or Salt Lake Community College.

The most current or complete information may be obtained from appropriate departments and divisions. Changes may be implemented without prior notice and without obligation and, unless specified otherwise, are effective when made.

Nothing in this catalog shall be construed, operated as, or have the effect of an abridgment or a limitation of any rights, powers or privileges of the Utah State Board of Regents, SLCC's Board of Trustees, or SLCC's President.

This catalog does not constitute a contract or the terms and -conditions of a contract between students and the institution. The relationship of students to the institution is one governed by statute, rules, and policy adopted by the Utah Legislature, Board of Regents, Board of Trustees, the President and their duly authorized designees.

2. Advisors are provided to assist students in planning academic programs. They are not authorized to change established policy. Students are solely responsible for assuring that their academic programs comply with College policy. Any variance with established policy must be confirmed by a division chair.
3. SLCC has the right to terminate or modify programs and/or program requirements, content and the sequence of program offerings from semester to semester for reasons it deems sufficient to warrant such action.
4. Course descriptions are based on reasonable projections of faculty, faculty availability, facilities, and curriculum considerations. They are subject to change based on changes in circumstances.
5. Accreditation, approvals, and certification of SLCC are based on the institution's status at the time of printing this catalog. They are subject to review and modification from time to time.

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, he/she shall advise the student of the correct official to whom the request should be addressed.

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.

NOTE: SLCC has contracted with the National Student Clearing-house 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."

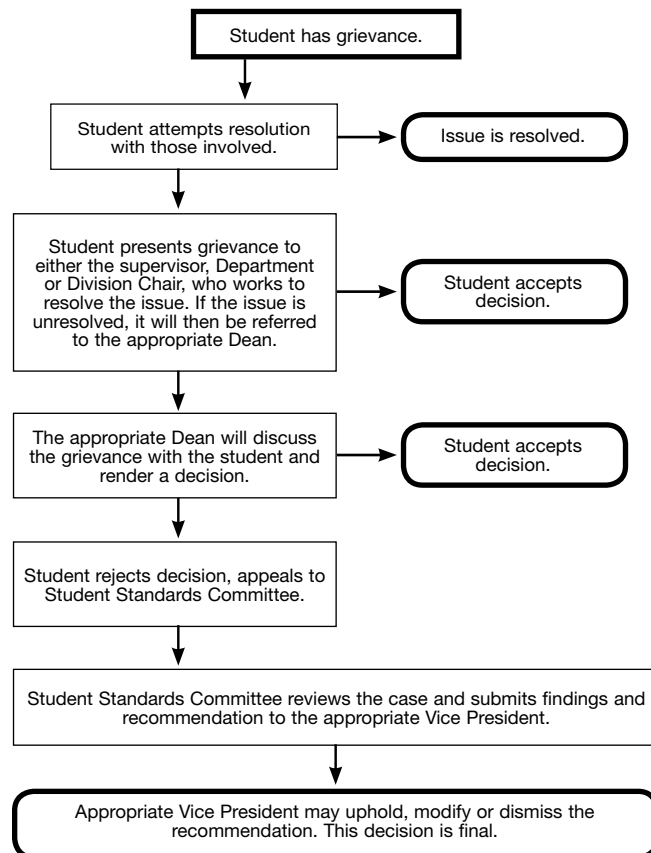
THE RIGHT to file a complaint with the U.S. Department of Education concerning alleged failures by SLCC to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

**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



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 VII - Civil Rights Act
- Title IX - Educational Amendments of Rehabilitation 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

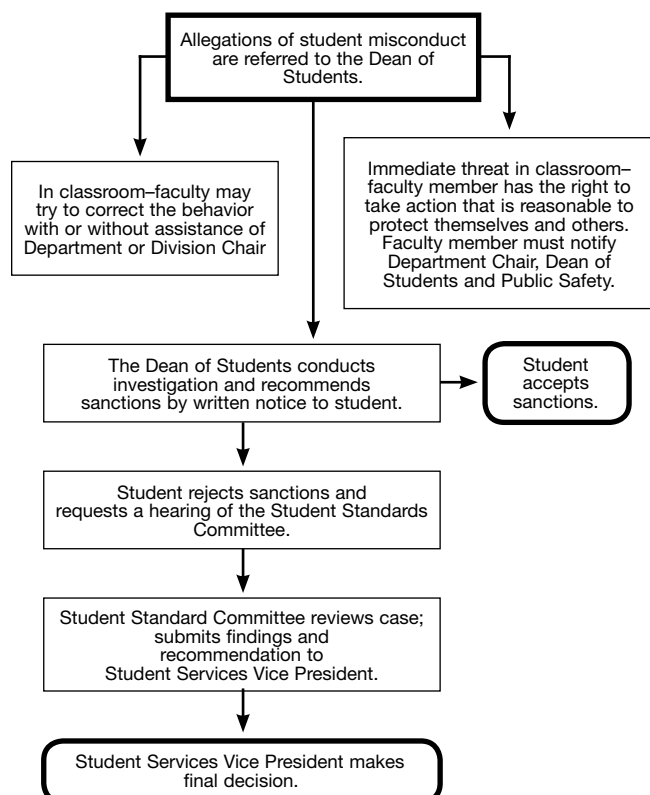
Students may obtain a complimentary printed copy of the Student Code of Conduct from the Dean of Students Office (STC276) Taylorsville Redwood Campus. Students also may request printed copies from Student Services offices at all other SLCC locations. The Student Code is also available from the home page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

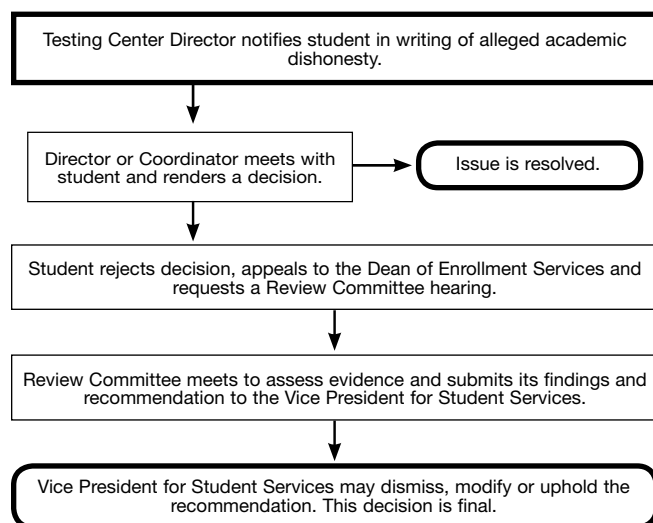
Rights and freedoms are best preserved in a community whose members are mutually tolerant of the exercise of rights and freedoms and whose members are free from physical violence, force, abuse and threat. Toward that end, SLCC has adopted certain personal and organizational standards, policies and procedures 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

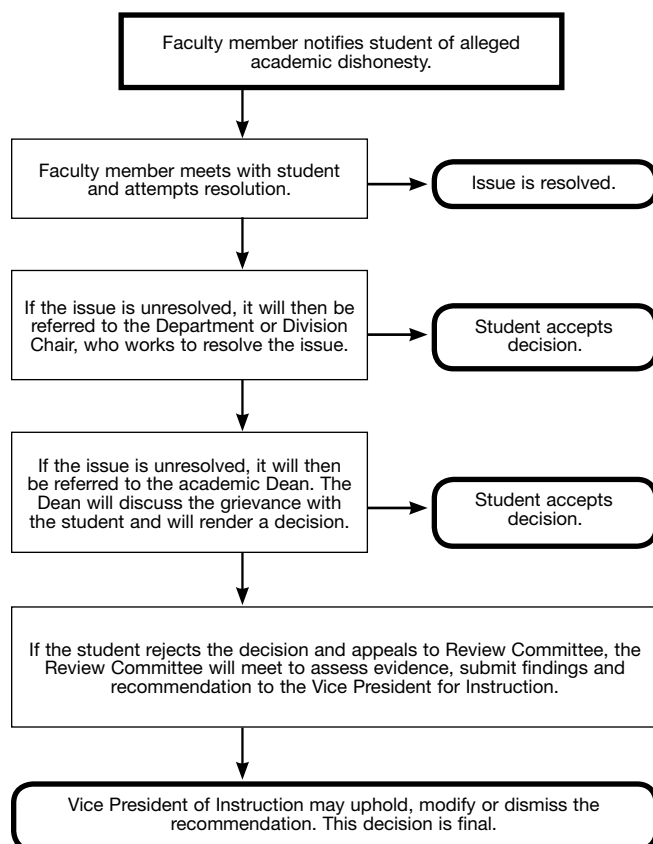


PROCESS FOR ALLEGED ACADEMIC DISHONESTY IN NON-CLASSROOM SITUATIONS

(Testing Center)



PROCESS FOR ALLEGED ACADEMIC DISHONESTY IN CLASSROOM SITUATIONS



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 straight forward 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.

ALCOHOL AND TOBACCO LAWS	PENALTIES
DUI - 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.	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.
MIP - It is illegal for minors (under 21) to buy, possess (even hold) or drink alcohol.	Up to 6 months imprisonment and/or \$1,000 fine. Class B misdemeanor.
NOT-A-DROP - You are in violation if you are under 21, have consumed any amount of alcohol and are driving.	Lose license for 90 days, required substance abuse assessment, and may still face MIP laws.
OPEN CONTAINER - 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.	Up to 6 months imprisonment and/or \$1,000 fine. Class B misdemeanor.
SELLING, FURNISHING, OR SUPPLYING ALCOHOL TO A MINOR - You are in violation if you provide alcohol to a minor.	Up to one year imprisonment and/or \$2,500 fine. Class A misdemeanor.
INTOXICATION - 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.	Imprisonment in jail or detoxification center if necessary for protection of self or others. Class C misdemeanor.
TOBACCO USE OR POSSESSION - It is unlawful for any person under the age of 19 to purchase or possess tobacco in any form.	Maximum \$500 fine. Class C misdemeanor.
CLEAN AIR ACT - Prohibits smoking in a public place, public meeting, or any government building. (All buildings on SLCC campus.)	Maximum \$500 fine. Class C misdemeanor.

[illegible]

ACADEMIC AND CAREER ADVISING

ACCOUNTS RECEIVABLE

CASHIER SERVICES

CENTER FOR LANGUAGES

**CHILD CARE/ECCLES EARLY
CHILDHOOD DEVELOPMENT LAB**

COLLEGE STORE (BOOKSTORE)

COMPUTER ACCESS

CONCURRENT ENROLLMENT

COPY CENTERS

CREDIT UNION

DISABILITY RESOURCE CENTER

ENROLLMENT SERVICES

FINANCIAL AID ASSISTANCE

FOCUSED TUTORING

FOOD SERVICE

HEALTH AND WELLNESS SERVICES

HOST FAMILY PROGRAM

HOUSING

INSTRUCTIONAL TESTING CENTER

INTERNATIONAL EDUCATION

INSURANCE

THE LEARNING CENTERS

**LEARNING RESOURCES
LIBRARY/MEDIA**

MULTICULTURAL INITIATIVES CENTER

'MYPAGE' ONLINE SYSTEM

'ONECARD' ID CENTERS

PARKING SERVICES

PLACEMENT TESTING

**RECREATIONAL AND
ATHLETIC FACILITIES**

SCHOOL RELATIONS

SLCC ONLINE

STUDENT CENTERS

**STUDENT EMPLOYMENT AND
COOPERATIVE EDUCATION**

STUDENT LIFE

**THAYNE CENTER FOR
SERVICE & LEARNING**

TRANSFER CENTER

TRIO PROGRAMS

UNIVERSITY CENTER

VETERANS' AFFAIRS OFFICE

SERVICES AND RESOURCES FOR STUDENTS

ACADEMIC AND CAREER ADVISING

Taylorsville 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 involvement and activities.

Special advising services are available 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

Advisors are available at the Taylorsville Redwood, South City, Miller and Jordan locations. For a listing of departmental program advisors see www.slcc.edu/academicadvising. 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 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, workshops, 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 Advising Center services, visit any Advising office, call (801) 957-4978, or go to: www.slcc.edu/academicadvising/careeradvising.

TRANSFER SERVICES

Taylorsville 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) 957-4868

Taylorsville Redwood Campus, STC 005 South City Campus, W156

Cashier Express STC 251

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 classes 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 with 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 131 - (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

Taylorville Redwood Campus, STC 244
(801) 957-4659 (Voice) (801) 957-4646 (TTY)
South City Campus, W138 - (801) 957-3258
All other campuses - (801) 957-4659
www.slcc.edu/drc

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, W138 - (801) 957-3350
Jordan Campus, HTC 160 - (801) 957-2680
Miller Campus, MFEC 138 - (801) 957-5200
Library Square (801) 957-2000
Meadowbrook (801) 957-5821
School of Applied Technology Enrollment Services:
South City Campus, W137D, (801) 957-3354
Taylorville Redwood Campus, SC242A,
(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, HTB 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

Taylorville Redwood Campus, Student Center - (801) 957-4323
All Catering - (801) 957-4008
www.slcc.edu/diningservices

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 **Bruin 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, W175 - (801) 957-3323

Health and Wellness Offices

Taylorville Redwood Campus, SC035 - (801) 957-4268
South City Campus, W175 - (801) 957-3323

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, N285 (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, E106 (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 club 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:

- Announcements
- Faculty and Staff Portal
- Online Course Access
- Personal Calendar

- 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, EL48 - (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: \$30.00 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 202 - (801) 957-2606
South City Campus, W128 - (801) 957-3284
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 than 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, Hitting 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

Taylorville 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 N285 (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.



- [Academic & Career Advising](#)
- [Academic & Career Advising for Business Students](#)
- [Athletics](#)
- [The Grand Theatre](#) (Add as a friend)
- [The Grand Theatre](#) (Visit our page)
- [Horizonte Project](#)
- [International Student Services](#) (Mardi Gras)
- [Student Association](#)
- [Student Life & Leadership](#)
- [Student Services South Region](#)
- [Thayne Center for Service & Learning](#)



- [Follow Academic & Career Advising](#)
- [Follow Bruin Athletics](#)
- [Follow the Grand Theatre](#)
- [Follow Student Life & Leadership](#)
- [Follow the Thayne Center for Service & Learning](#)

Blogs

- [Academic & Career Advising](#)
- [Bruin Athletics](#)
- [The Grand Theatre](#)

YouTube

- [See videos from the Thayne Center](#)

STUDENT CENTERS

Student Information and Questions

Taylorville Redwood Campus - (801) 957-4298

Jordan Campus - (801) 957-2670

South City Campus - (801) 957-3307

Taylorville 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 Taylorville 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 Thayne 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 Taylorville 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 SLCC Food Service also provides complete banquet and catering services.

Vending machines, courtesy telephones, copy machines and two ATMs are also available in the Taylorville 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 195 - (801) 957-4014
 South City Campus, W 134 - (801) 957-4304
 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.

COOPERATIVE 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 STUDENTS WITH DISABILITIES

SLCC is committed to providing services to special needs populations. Through the resources of the Student Employment and Cooperative Education Services office and through active participation in state and federal grant programs SLCC provides employment services to persons who are recognized as having barriers to employment.

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.slcc.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.slcc.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
 SCC Fitness Center (801) 957-3407
 Extramural sports (801) 957-4078
 Sport Clubs; Student Association - (801) 957-4015
www.slcc.edu/recreation

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

OPEN RECREATION

Open recreation times are available at both Taylorville 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 202, - (801) 957-2835
 Taylorville Redwood Campus, SC124 - (801) 957-4015
 South City Campus, E174 - (801) 957-3434
www.slcc.edu/sll

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 pro-

gram, 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/ssss

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.

Taylorsville-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 290

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 UNIVERSITYBusiness
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

- 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.

VETERANS' CENTER

Taylorsville Redwood Campus, STC 059
(801) 957-4289 or (801) 957-4399 Fax: (801) 957-4987
South City Campus, W137D (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 comprehensive 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:

- Most degree and certificate programs at SLCC are approved for the use of VA educational benefits.
- New applications for benefits may take approximately 60-90 days to process.
- Only classes required for graduation at SLCC will be paid for.
- A copy of your detailed class schedule must be submitted to the SLCC VA Office each term to receive your pay.
- The VA office must be immediately informed if you make changes in your class schedule or personal contact information.

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, WI35 (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

Jordan Campus, High Tech Center, (801) 957-2710
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)

Jordan Campus, HTC-110
(801) 957-4095
Taylorsville Redwood Campus, TB 216
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

Taylorsville 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

Taylorsville 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)

Taylorsville 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

Taylorsville Redwood Campus, SC 048 - (801) 957-4347
South City Campus, W175 - (801) 957-3323

Health & Wellness Offices

Taylorsville 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
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
4. Enroll into selected tracks by logging into SkillSoft at slcc.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 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 24x7 Introduction, Certified Mentors Assistance, and College Credit Courses (credentialing). For a listing of available training dates, visit 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.

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, AFLAC, State of Utah, Liberty Tax Services, Experian, Social Security Assoc., etc.

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 Bioteau 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 CAPITOL 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 Orin 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 Bioteau 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, DVD's, 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 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)
www.slcc.edu/dlit**

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.mbrslcc.com

Randy N. Schouten, Division Chair
(801) 957-5259
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) 957-5230
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 (STIT) 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 mbrslcc.com/corporatesolutions.

GLOBAL BUSINESS CENTER

Director: Stan Rees
(801) 957-5556
www.mbrslcc.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.mbrslcc.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) 957-4654
www.mbrslcc.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.mbrslcc.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 investors 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
mbrslcc.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

Taylorville 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 foun-

dation 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).

page	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.	Transfer Degrees ¹			AAS	AAS With Emphasis	Certificates of Completion ²	Diploma	Certificate ³
		AA	AS	APE					
99	Accounting				X		X		
286	Accounting Clerk (SAT)						X		
287	Administrative Office Support Specialist						X		
284	Adult Basic Education (Reading/Writing/Math)								
225	Aerospace Studies (Air Force ROTC)								
297	Air Conditioning/Heating/Refrigeration (SAT)						X		
245	Aircraft Dispatcher								X
100	American Sign Language/Interpreting	X							
235	Animation (Visual Art and Design)		X			X			
193	Anthropology/History	X							
269	Apprenticeships <i>see Apprenticeship section</i> Appr. Brick Mason Technology Appr. Carpentry Independent Technology Appr. Carpentry JATC Technology Appr. Cement Masons JATC Technology Appr. Diesel Systems Technology Appr. Electrical Independent Technology Appr. Facilities Maintenance Technician Appr. Heating, Cooling, and Refrigeration Technology Appr. Ironworkers JATC Technology Appr. Landscape Technology Appr. Plumbing Independent Technology Appr. Plumber/Pipefitter JATC Technology Appr. Refrigeration JATC Technology Appr. Stagehands JATC				X X X X X X X X X X X X X X X X				
200	Arabic								
102	Architectural Technology				X				
102	Architecture		X						
105	CAD and Computer Graphics					X			
104	Construction Management		X						
285	Armed Services Vocational Aptitude Battery (ASVAB) Test Preparation (SAT)								
233	Art <i>see Visual Art and Design</i>								
194	Art History <i>see Humanities</i>								
100	ASL/I <i>see American Sign Language/Interpreting</i>	X							
298	Automotive General Service Technician (SAT)								X
298	Automotive Technician (SAT)								X
298	Automotive Undercar Technician (SAT)								X

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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.

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		AA	AS	APE					
106	Automotive and Related Technologies								
106	Automotive Technician				X				
107, 108	Automotive Collision Repair				X		X		
108	Automotive Refinishing						X		
109	Motorcycle And Outdoor Power Equipment Technology						X		
109	Aviation Technology/Aviation Maintenance Technician				X			X	
110	Aviation Technology/Professional Pilot		X				X		
114	Barbering/Cosmetology				X		X	X	
116	Biology		X						
118	Biomanufacturing				X		X	X	
118	Biotechnology		X		X				
271	Brick Mason Technology (Apprenticeship)				X				
134	Broadcasting <i>see Communication</i>								
124	Building Construction/Construction Management				X				
125	Cabinetmaking								X
125	Construction Management		X						
126	Business	X	X						
129	Business Management				X		X		
130	Production Operations and Supply Chain Management					X			
131	Small Business Ownership					X			
286	Business Office Technology (SAT)								
286	Accounting Clerk (SAT)						X		
287	Customer Service/Receptionist (SAT)								X
287	Social/Human Services Assistant (SAT)								X
105	CAD <i>see Architecture and Engineering Drafting and Manufacturing Technology</i>								
272	Carpentry Independent Technology (Apprenticeship)				X				
272	Carpentry JATC Technology (Apprenticeship)				X				
296	CDL Professional Driver's License (SAT)								X
273	Cement Mason JATC Technology (Apprenticeship)				X				
291	Certified Nursing Assistant (SAT)								X
161	Chemical Engineering			X					
132	Chemistry		X						
134	Chemistry/Physical Science		X						
200	Chinese								

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		AA	AS	APE					
162	Civil/Environmental Engineering			X					
134	Communication		X						
135	Journalism		X						
135	Mass Communication		X						
136	Speech Communication		X						
135	Radio Production				X				
135	Video Production				X				
292	Clinical Medical Assisting						X		
162	Computer Engineering			X					
137	Computer Information Systems		X						
139	Computer Programming/Design					X			
139	Web Programming and Development					X			
140	Database Design, Mgmt. and Admin.					X			
141	Business and Personal Computing						X		
288	Computer and Network Technology				X				
288	Computer Support Specialist (A+ Certification) (SAT)						X		
288	Network Administrator -MCITPSA (SAT)						X		
288	Network Engineer (SAT)						X		
289	Network Infrastructure Technician (SAT)						X		
141	Computer Science		X						
143	Network Systems Engineer				X				
288	Computer Support Specialist (A+ Certification) (SAT)						X		
246	Computer Workshops (Continuing Education)								
124	Construction <i>See Building Construction/ Construction Management</i>								
114	Cosmetology <i>see Barbering/Cosmetology</i>								
146	Culinary Arts				X				
144	Criminal Justice		X		X				
287	Customer Service/Receptionist (SAT)								X
183	Dance <i>see Fine Arts</i>								
147	Dental Hygiene				X				
233	Design <i>(see Visual Art and Design)</i>								
149	Developmental Education								
149	Developmental Reading								
149	Developmental Writing								
149	Developmental Math								
149	Learning Enhancement								
175	English as a Second Language (Levels 1- 4)								

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		AA	AS	APE					
248	Diagnostic Medical Sonography								X
150	Diesel Systems Technology				X				
273	Diesel Systems Technology (Apprenticeship)				X				
167	Drafting <i>see Architecture and Engineering Drafting and Manufacturing Technology</i>								
292	ECG Technician (SAT)								X
151	Economics		X						
152	Education		X						
154	Electrical Technology		X		X		X		X
155	Electronics Technology								
158	Biomedical Equipment Technology					X			
158	Electronic Assembly								X
163	Electrical Engineering			X					
238	Electronic Publishing <i>see Visual Art and Design</i>								
289	Electronics Technology								
289	Electromechanical Assembly Technician (SAT)								X
290	Electronics Assembly Technician (SAT)								X
290	Electronics Communication Technician (SAT)						X		
290	Electronics Engineering Technician (SAT)						X		
291	Electronics Technician (SAT)						X		
159, 251	Energy Management				X				X
160	Engineering								
161	Chemical Engineering			X					
162	Civil/Environmental Engineering			X					
163	Computer Engineering			X					
163	Electrical Engineering			X					
164	Manufacturing Engineering			X					
165	Materials Science Engineering			X					
166	Mechanical Engineering			X					
166	Engineering Drafting and Manufacturing Technology		X		X				
168	Engineering Design/Drafting Technology		X		X				
167	Engineering Drafting Technology						X		
167	Machining CNC/CAM Technology						X		
169	Manufacturing Engineering Technology		X						
170	Mechanical Engineering Technology		X						
171	English	X	X				X		

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		AA	AS	APE					
32, 175	English-As-A-Second-Language								
285	ESL Levels 1-3 (SAT)								
175	ESL Levels 1-4 (Developmental Education)								
189	Environmental Geology <i>see Geosciences</i>								
226	Ethnic Studies <i>see Social Work</i>								
249	Event and Meeting Planning								X
274	Facilities Maintenance Technician (Apprenticeship)				X				
176	Family and Human Studies		X		X		X		
178	Child Development Associate Credential								X
179	Fashion Institute						X		X
183	Film <i>see Fine Arts</i>								
180	Film Production Technician				X				
181	Finance and Credit				X		X		
182	Fine Arts - Dance, Film, Music, Theater <i>see Visual Art and Design for Visual Art courses</i>								
184	Fitness Technician				X				
185	Personal Trainer Emphasis					X			
185	Group Exercise Instructor Emphasis					X			
200	French								
286	GED Test Preparation <i>see School of Applied Technology</i>								
251	Genealogy								X
185	General Studies		X						
186	Geographic Information Science Technology (GIS)				X		X		
190	Geography <i>see Geosciences</i>								
189	Geology, Environmental <i>see Geosciences</i>								
188	Geosciences								
189	Environmental Geology		X						
190	Geography		X						
200	German								
295	Graphic Designer (SAT)						X		
191	Health and Lifetime Activities								
290	Health Care Technology								
291	Certified Nurse Assistant (SAT)								X
292	Clinical Medical Assisting						X		
292	ECG Technician								X
292	Health Information Specialist (SAT)						X		

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		AA	AS	APE					
293	Health Unit Clerk/Coordinator (SAT)								X
293	Medical Coding & Billing (SAT)						X		
293	Medical Office Administration (SAT)						X		
294	Medical Office Laboratory Technician (SAT)						X		
294	Pharmacy Technician (SAT)								X
294	Phlebotomy Technician (SAT)								X
192	Health Science		X						
274	Heating, Cooling and Refrigeration Technology (HVAC) (Apprenticeship)				X				X
299	Heavy Duty Diesel Maintenance Technician (SAT)								X
299	Heavy Duty Technician (SAT)								X
299	Heavy Duty Mechanics <i>see Diesel Systems Technology</i>								
193	History and Anthropology	X							
194	Humanities	X							
233	Illustration <i>see Visual Art and Design</i>								
261	Institute of Public Safety (Continuing Education)								
261	Special Function/Reserve Officer Training (Continuing Education)								X
261	Peace Officer Basic Training (Continuing Education)								X
262	Bail Enforcement Agent Training (Continuing Education)								X
262	Emergency Medical Technician Training (Continuing Education)								X
262	EMT Re-Certification Training (Continuing Education)								X
196	Instrumentation Engineering Technology				X				
275	Iron Workers JATC Technology (Apprenticeship)				X				
197	Interior Design				X				X
198	International Studies	X							
200	Italian								
200	Japanese								
135	Journalism <i>see Communication</i>								
275	Landscape Technology (Apprenticeship)				X				
199	Language and Culture - Arabic, Chinese, French, German, Italian, Japanese, Navajo, Portuguese, Russian, Samoan, Spanish, and Tongan								
261	Law Enforcement <i>see Institute of Public Safety</i>								
253	Library & Information Science (Continuing Education)								X
167	Machining Technology <i>see Engineering Drafting and Manufacturing Technology</i>								

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		AA	AS	APE					
295	Machinist (SAT)								X
164	Manufacturing Engineering			X					
166	Manufacturing Engineering Technology <i>see Engineering Drafting and Manufacturing Technology</i>								
201	Marine Biology								
201	Marketing Management				X		X		
165	Materials Science Engineering			X					
203	Mathematics		X						
170	Mechanical Engineering			X					
167	Mechanical Engineering Technology						X		
136	Media and Communication Technology <i>see Communication</i>								
295	Media and Web Design Technology (SAT)						X		
204	Medical Assistant						X		
293	Medical Coding & Billing (SAT)						X		
225	Military Science (Army ROTC)								
109	Motorcycles and Outdoor Power Equipment Technology								X
233	Multimedia <i>see Visual Art and Design</i>								
206	Music		X						
200	Navajo								
208	Non-Destructive Testing Technology				X				
291	Nurse Assistant, Certified (SAT)								X
209	Nursing				X				
212	Occupational Therapy Assistant				X				
214	Paraeducation		X						X
215	Paralegal Studies				X				
254	Pharmacy Technician (Continuing Education)								X
195	Philosophy <i>see Humanities</i>								
237	Photography <i>see Visual Art and Design</i>								
132	Physical Science <i>see Chemistry</i>								
217	Physical Therapist Assistant				X				
219	Physics		X						
276	Plumber/Pipefitter JATC Technology (Apprenticeship)				X				
276	Plumbing Independent Technology (Apprenticeship)				X				
220	Political Science		X						
255	Pool and Spa Technician								X
200	Portuguese								

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		AA	AS	APE					
221	Pre-Professional								
221	Pre-Chiropractic								
221	Pre-Dentistry/Pre-Medicine								
221	Pre-Law								
221	Pre-Occupational Therapy								
222	Pre-Pharmacy								
222	Pre-Physical Therapy								
130	Production Operations and Supply Chain Management					X			
296	Professional Truck Driving CDL (SAT)								X
222	Psychology		X						
231	Radio Production				X				
223	Radiologic Technology				X				
277	Refrigeration JATC Technology (Apprenticeship)				X				
225	Reserve Officer Training Corps (ROTC)								
225	Aerospace Studies (Air Force ROTC)								
225	Military Science (Army ROTC)								
200	Russian								
200	Samoan								
131	Small Business Ownership <i>see Business Management</i>								
287	Social/Human Services Assistant (SAT)								X
226	Social Science								
226	Social Work	X	X						
228	Sociology		X						
200	Spanish								
277	Stagehand JATC (Apprenticeship)				X				
229	Surgical Technology						X		
230	Surveying Technology				X				
136	Television Production <i>see Communication</i>								
184	Theater, Theatre <i>see Fine Arts</i>								
256	Therapeutic Recreation Technician (Continuing Education)								X
201	Tongan								
260	Travel Planner								X
231	Video Production				X				

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		AA	AS	APE					
233	Visual Art and Design								
234	Animation		X			X			
235	Design					X			
236	Illustration					X			
236	Multimedia					X			
237	Photography					X			
238	Electronic Publishing						X		
296	Web Programmer (SAT)						X		
296	Web Site Designer (SAT)						X		
239	Welding				X			X	
295	Welding (SAT)						X		

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ACCOUNTING

SEE ALSO **SCHOOL OF APPLIED TECHNOLOGY AND UNIVERSITY CENTER.**

Business Building 105 (801) 957-4325

General Information (801) 957-4073

Academic Advisor BB 132A (801) 957-4300

www.slcc.edu/accounting

Professor: Lynnette 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 or 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)

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS (12 CREDIT HOURS)			
COMPOSITION			
ENGL 1010 English Comp	3	A	pre-test
QUANTITATIVE STUDIES			
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
COMMUNICATION			
BUS 2200 Bus Communications	3	A	ENG 1010 w/C or better
HUMAN RELATIONS			
MKTG 1960 Prof in Business	3	A	none
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	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: except BUS 1050 and FIN 1050.

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (37 CREDIT HOURS)

COURSE	CR	SEM	PREREQUISITES
ACCT 1110 Financial Acct I	3	A	none
ACCT 1120 Financial Acct II	3	A	ACCT 1110
ACCT 1280 Acct Info Sys I	3	Sp, F	ACCT 1110 or CIS 2410 or concurrent
ACCT 2020 Managerial Acct	3	A	ACCT 1110 or ACCT 2010 and CIS 1020 or comp
ACCT 2310 Intermed Acct I	4	F, Sp	ACCT 1280
ACCT 2410 Intermed Acct II	4	F, Sp	ACCT 2310
ACCT 2510 Acct Info Sys II	3	F, Sp	ACCT 1280
ACCT 2540 Acct in Practice	3	Sp	ACCT 2410 or concurrent
CIS 2410 Adv Sprdsht Ap	3	Sp	CIS 1020 or comp
ECON 2020 Macroeconomic	3	A	none
FIN 2210 Principles of Bus Credit	2	A	ACCT 1110 or ACCT 2010
MGT 2050 Lgl Envir Bus	3	A	BUS 1050*

*See Business advisor.

ACCOUNTING ELECTIVES (8 CREDITS)

COURSE	CR	SEM	PREREQUISITES
ACCT 2000 CO-OP	2-4	TBA	2 semesters of accounting program
ACCT 2050 Governmental Acct	3	Sp	ACCT 1110
ACCT 2520 Federal Inc Tax	3	F	ACCT 1120 or ACCT 2010
ACCT 2530 Cost Accounting	3	Sp	ACCT 2020
ACCT 2990 Current Acct Top	1-3	TBA	variable

BUSINESS ELECTIVES (5 CREDITS)

COURSE	CR	SEM	PREREQUISITES
BUS 1050 Foundations of Bus	3	A	none
MKTG 1010 Cust Service Techn	2	A	none
FIN 1050 Personal Finance	3	A	none

AMERICAN SIGN LANGUAGE/INTERPRETING

FIN 2040 Financial Mgmt	3	Sp	ACCT 2020
MGT 1600 Mgmt Essentials	3	A	none
MKTG 1030 Intro to Marketing	3	A	none
MKTG 1090 Retail Management	3	F	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ACCT 1110	3		ACCT 1120	3	
ENGL 1010	3		ACCT 1280	3	
FIN 1380	3		ACCT 2020	3	
MKTG 1960	3		BUS 2200	3	
BUS ELECTIVES	2-3		MGT 2050	3	
DISTRIBUTION	3		CIS 2410	3	
TOTAL	17-18		TOTAL	18	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ACCT 2310	4		ACCT 2410	4	
ACCT 2510	3		ACCT 2540	3	
ECON 2020	3		ACCT ELECTIVES	6	
FIN 2210	2		DISTRIBUTION	3	
ACCT ELECTIVES	2		TOTAL	16	
BUS ELECTIVES	3				
TOTAL	17				

CERTIFICATE OF COMPLETION/^{CTE} ACCOUNTING

(minimum 33 hours required)

MAJOR COURSE REQUIREMENTS (30 CREDIT HOURS)

COURSE	CR	SEM	PREREQUISITES
ACCT 1110 Financial Acct I	3	A	none
ACCT 1120 Financial Acct II	3	A	ACCT 1110
ACCT 1280 Acct Info Sys I	3	Sp, F	ACCT 1110 or CIS 2410 or concurrent
ACCT 2020 Managerial Acct	3	A	ACCT 1110 or ACCT 2010 and CIS 1020 or comp
BUS 2200 Bus Communications	3	A	ENGL 1010
CIS 2410 Adv Sprdsht Ap	3	Sp	CIS 1020 or comp
ENGL 1010 Intro to Writing	3	A	pre-test
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
MGT 2050 Lgl Envir Bus	3	A	BUS 1050*
MKTG 1960 Prof in Business	3	A	none

*See Business advisor.

BUSINESS OR ACCOUNTING ELECTIVES (3 CREDIT HOURS)

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ACCT 1110	3		ACCT 1120	3	
ENGL 1010	3		ACCT 1280	3	
FIN 1380	3		ACCT 2020	3	
MKTG 1960	3		BUS 2200	3	
BUS ELECTIVES	3		CIS 2410	3	
TOTAL	15		TOTAL	18	

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.

AMERICAN SIGN LANGUAGE/INTERPRETING

Estimated cost of books and supplies per course \$70

Taylorsville Redwood Campus, AD 145

General Information (801) 957-4073

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.

ASL/INTERPRETER TRAINING ADMISSION PROCESS

The following admission criteria must be met before the applicant will be accepted into the program. *Please note that all admission criteria must have been completed within the past two years.

1. ASLI 1010 with a grade of B or better (A pass on the ASL 1010 challenge test or the ASL Level One Skill Certificate completed during high school from the Utah State Board of Education will also be accepted.)
2. ASLI 1020 at SLCC with a grade of B or better, or pass the ASL 1020 challenge test.
3. 40 or higher on the Arithmetic Portion of the CPT test or 15 or higher on the Math portion of the ACT. (Lower scores require completion of Math 0900 or with a C or better.)*
4. 81 or higher on the Reading Portion of the CPT test or 20 or higher on the Reading portion of the ACT. (Lower scores require completion of Writing 0990 with a C or better.)*

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

COURSE	CR	SEM	PREREQUISITES

CORE SKILLS

COMPOSITION (COMPLETE TWO ENGLISH COURSES)

ENGL 1010 Intro to Writing	3	A	pre-test
OR			
ENGL 2100 Intermediate Writing	3	A	ENGL 1010
OR			
ENGL 2100 Technical Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1030 Quant Reas	3	A	MATH 1010 w/C or better
OR			
MATH 1040 Statistics	3	A	MATH 1010
OR			
MATH 1050 College Algebra	4	A	MATH 1010
OR			
MATH 1090 College Alg Bus	3	A	MATH 1010

AMERICAN INSTITUTIONS AI (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

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	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.

*** 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

COURSE	CR	SEM	PREREQUISITES
**ASLI 1010 Beginning ASL I	5	A	none
**ASLI 1020 Beginning ASL II	5	A	ASLI 1010
ASLI 1200 Intro to Interp	3	F, Sp	ASLI 1020
**ASLI 1220 Cog Prc/Int Ana	3	F, Sp	ASLI 1020
ASLI 1300 Conversation I	1	F, Sp	ASLI 1010
ASLI 1400 Cross-Cult Intrap	3	F, Sp	ASLI 1200, ASLI 1220, ASLI 2010
**ASLI 1420 Consec Interp	3	F, Sp	ASLI 1200, ASLI 1220, ASLI 2010
ASLI 1430 Linguistics ASL	3	F, Sp	ASLI 1200, ASLI 1220, ASLI 2010
**ASLI 2010 Intermed ASL I	5	F, Sp	ASLI 1020
ASLI 2020 Intermed ASL II	5	F, Sp	ASLI 2010
**ALSI 2200 Simul Interp	3	F, Sp	ASLI 1400, ASLI 1420, ASLI 1430, ASLI 2020
ASLI 2220 Educational Intrap	3	F, Sp	ASLI 1400, ASLI 1420, ASLI 1430, ASLI 2020
ALSI 2250 Mentorship	2	F, Sp	ASLI 1400, ASLI 1420, ASLI 1430, ASLI 2020
ASLI 2300 Conversation II	1	F, Sp	ASLI 1020, ASLI 1300
ASLI 2400 Practicum	3	F, Sp	ASLI 2200, ASLI 2220, ASLI 2250
ASLI 2410 Practicum Seminar	1	F, Sp	ASLI 2200, ASLI 2220, ASLI 2250

**Lab required.

F, SP = Class will only run if there is sufficient enrollment.

**OPTIONAL ELECTIVE
COURSE CR SEM PREREQUISITES**

ASLI	1900	Independent Studies	1-3	TBA	instructor's approval
ASLI	2900	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

FALL SEMESTER			SPRING SEMESTER		
ASLI	1010	5	ASLI	1020	5
ENGL	1010	3	ENGL	2010	3
AMERICAN INST		3	MATH	1040	3
DISTRIBUTION		3	OR		
HLAC		1	MATH	1050	4
TOTAL		15	OR		
			MATH	1090	3
			STUDENT CHOICE		3
			TOTAL		14-15
1st ITP SEMESTER			2ND ITP SEMESTER		
ASLI	1200	3	ASLI	1400	3
ASLI	1300	1	ASLI	1420	3
ASLI	1220	3	ASLI	1430	3
ASLI	2010	5	ASLI	2020	5
DISTRIBUTION		3	CIS	1020	3
TOTAL		15	TOTAL		17
3RD ITP SEMESTER			4th ITP SEMESTER		
ASLI	2200	3	ASLI	2400	3
ASLI	2220	3	ASLI	2410	1
ASLI	2250	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	First Year	\$300-\$500
	Second Year	\$300-\$500

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 DEPARTMENT

The Architectural Technology Department offers a program completing the requirements for a two-year Associate of Science (AS) degree for students who plan to transfer to a four-year university and a two-year Associate of Applied Science (AAS) degree. Students in the AS degree program may specialize in two areas, Architecture and Construction Management. Students in the AAS degree program may specialize in general areas: architecture and architectural CAD and computer graphics.

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 are 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

Utah. 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/hel02a.html.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2100 Technical Writing	3	A	ENGL 1010
OR			
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
QUANTITATIVE LITERACY			
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

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC — 1 A none

STUDENT CHOICE (3 CREDITS)

Communication or depth course.

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 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.

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ARCH 1010 Intro to Des Pro	3	F	none
ARCH 1130 Basic Drawing	3	F	none
ARCH 1510 Arch Des Wkshp	3	Sp	ARCH 1130 or concurrent
PHYS 2010 College Physics I	4	A	MATH 1060 (lab not required)
PHYS 2020 College Physics II	4	A	PHYS 2010
Electives	11		

SUGGESTED ELECTIVES

COURSE	CR	SEM	PREREQUISITES
*ARCH 1210 Residential Con	5	Sp	ARCH 1010, ARCH 1310
*ARCH 1310 Intro AutoCAD	3	F	computer literacy
*ARCH 2150 Arch Graphics	3	Sp	ARCH 1130

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

COURSE	CR	SEM	PREREQUISITES
ARCH 1210 Residential Con	5	Sp	ARCH 1010, ARCH 1310
ARCH 1310 Intro AutoCAD	3	F, Sp	computer literacy
ARCH 1350 Comp Graphics	3	F	computer literacy
ARCH 2150 Arch Graphics	3	Sp	ARCH 1130
ARCH 2310 Mdlng/Rndng/AnmI	3	F	ARCH 1310
ARCH 2320 Mdlng/Rndng/AnmII	3	Sp	ARCH 2310
ARCH 2350 Adv Arch CAD	3	Sp	ARCH 1310
ARCH 2510 Arch CAD II	5	F	ARCH 1210, ARCH 1310
ARCH 2520 Arch CAD III	5	Sp	ARCH 2210, ARCH 2510

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.

FALL SEMESTER		SPRING SEMESTER	
ARCH 1010	3	ARCH ELECTIVES	8
ARCH 1130	3	ENGL 2010	3
ARCH ELECTIVE	3	OR	
ENGL 1010	3	ENGL 2100	3
DISTRIBUTION	3	DISTRIBUTION	3
TOTAL	15	HLAC	1
		TOTAL	15
2ND FALL SEMESTER		2ND SPRING SEMESTER	
PHYS 2010	4	ARCH 1510	3
STUDENT CHOICE	3	PHYS 2020	4
AMERICAN INST	3	MATH 1210	4
DISTRIBUTION	6	DISTRIBUTION	3
TOTAL	16	TOTAL	14

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

ARCHITECTURAL TECHNOLOGY/ CONSTRUCTION MANAGEMENT

(minimum 64 hours required)

THE PROGRAM

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.utahsbr.edu/hel02a.html.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Intermed Writing	3	A	ENGL 1010
OR			
ENGL 2100 Technical Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1060 Trigonometry	3	A	MATH 1050

AMERICAN INSTITUTIONS (CHOOSE ONE)

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)

COMM1010 Intro to Comm	3	A	none

OR

COMM1020 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).

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
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)

COURSE	CR	SEM	PREREQUISITES
ARCH 1010 Intro Design Pro	3	F	none
ARCH 1100 Intro Arch Draw	3	Sp	none
ARCH 1210 Residential Con	5	Sp	ARCH 1010, ARCH 1310
ARCH 2060 Cons Doc Fund	3	F	ARCH 1010 or approval
ARCH 2210 Commercial Const	5	F	ARCH 1210 or BCCM 1010
ARCH 2460 Constr Estimating	2	F, Sp	ARCH 1210 or BCCM 1010
ARCH 2470 Bldg Codes	2	F, Sp	none
PHYS 2010 College Physics I	4	A	MATH 1060 (lab not required)
ARCH Elective (choose one below)	3-5		

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 (BCCM 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)

COURSE	CR	SEM	PREREQUISITES
*ARCH 1310 Intro AutoCAD	3	F	Computer Literacy
ARCH 2450 Construct Mgmt	3	F	ARCH 1210 or ARCH 1370
*ARCH 2510 Arch CAD II	5	F	ARCH 1310
*ARCH 2520 Arch CAD III	5	Sp	ARCH 2510
SVT 1030 Survey Field Techn	3	F	SVT 1110
BCCM 2050 Concrete Theory	3	F, Sp	BCCM 1010 or ARCH 1210

*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:

COURSE	CR	SEM	PREREQUISITES
ACCT 2010 Survey Fin Acct	3	A	none
ECON 2010 Microeconomics	3	A	none
ECON 2020 Macroeconomics	3	A	none
ENVT 1010 Race to Save the Planet	3	A	none
GEO 1110 Physical Geology	3	F	w/GEO 1115
OR			
GEO 1060 Environmental Geol	3	Sp	w/GEO 1065
MGT 2050 Legal Env of Bus	3	A	BUS 1050

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.

FALL SEMESTER		SPRING SEMESTER	
ARCH 1010	3	ARCH 1100	3
COMM 1010	3	ARCH 1210	5
OR		ENGL 2010	3
ENGL 1010	3	OR	
HLAC	1	DISTRIBUTION	6
DISTRIBUTION	6	TOTAL	17
TOTAL	16		
2ND FALL SEMESTER		2ND SPRING SEMESTER	
ARCH 2060	3	ARCH 2460	2
ARCH 2210	5	ARCH 2470	2
MATH 1060	3	ARCH ELECTIVES	3-5
AMERICAN INST	3	PHYS 2010	4
DISTRIBUTION	3	TOTAL	14-16
TOTAL	17		

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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE STUDIES			
MATH 1010 Interm Algebra	4	A	MATH 0990 w/C or better
COMMUNICATION			
COMM1010 Elem of Eff Comm	3	A	none
OR			
COMM1020 Prncpls Public Spk	3	A	none

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

COURSE	CR	SEM	PREREQUISITES
ARCH 1010 Intro Design Pro	3	F	none
ARCH 1100 Intro Arch Draw	3	Sp	none
ARCH 1130 Basic Drawing	3	F	none
ARCH 1210 Residential Con	5	Sp	ARCH 1010, ARCH 1310
ARCH 1310 Intro AutoCAD	3	F	computer literacy
ARCH 1350 Comp Graphics	3	F	computer literacy
ARCH 1510 Arch Des Wksp	3	Sp	ARCH 1130 or concurrent
ARCH 2060 Cons Doc Fund	3	F	ARCH 1010 or instructor's approval
ARCH 2150 Arch Graphics	3	Sp	ARCH 1130
ARCH 2210 Commercial Const	5	F	ARCH 1210 or BCCM 1010
ARCH 2240 Applied Structures	4	F, Sp	none
ARCH 2310 Mdlng/Rndng/AnmI	3	F	ARCH 1310
ARCH 2510 Arch CAD II	5	F	ARCH 1210, ARCH 1310
ARCH 2520 Arch CAD III	5	Sp	ARCH 2210, ARCH 2510

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.

FALL SEMESTER		SPRING SEMESTER	
ARCH 1010	3	ARCH 1100	3
ARCH 1130	3	ARCH 1210	5
ARCH 1310	3	ARCH 2150	3
ARCH 1350	3	ENGL 1010	3
ARCH 2240	4	COMM 1010	3
TOTAL	16	OR	
		COMM 1020	3
		TOTAL	17
2ND FALL SEMESTER		2ND SPRING SEMESTER	
ARCH 2060	3	ARCH 1510	3
ARCH 2210	5	ARCH 2520	5
ARCH 2310	3	LE 1220	3
ARCH 2510	5	MATH 1010	4
TOTAL	16	DISTRIBUTION	3
		TOTAL	18

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 their architectural training in the developing area of computers. 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 draftsman, 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 specialty in CAD programming and CAD office management.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE STUDIES			
MATH 1010 Interm Algebra	4	A	MATH 0990 w/C or better
COMMUNICATION			
COMM1010 Elem of Eff Comm	3	A	none
OR			
COMM1020 Prncpls Public Spk	3	A	none
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

COURSE	CR	SEM	PREREQUISITES
ARCH 1010 Intro Design Pro	3	F	none
ARCH 1100 Intro Arch Draw	3	Sp	none
ARCH 1130 Basic Drawing	3	F	none
ARCH 1210 Residential Con	5	Sp	ARCH 1010, ARCH 1310
ARCH 1310 Intro AutoCAD	3	F	computer literacy
ARCH 1350 Comp Graphics	3	F	computer literacy
ARCH 1510 Arch Des Wksp	3	Sp	ARCH 1130 or concurrent
ARCH 2210 Commercial Const	5	F	ARCH 1210 or BCCM 1010
ARCH 2310 Mdlng/Rndng/AnmI	3	F	ARCH 1310
ARCH 2320 Mdlng/Rndng/AnmII	3	Sp	ARCH 2310
ARCH 2330 CAD Custom	3	Sp	ARCH 1310, ARCH 2510 or instructor's approval
ARCH 2350 Adv Arch CAD	3	Sp	ARCH 1310
ARCH 2510 Arch CAD II	5	F	ARCH 1210, ARCH 1310
ARCH 2520 Arch CAD III	5	Sp	ARCH 2210, ARCH 2510

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.

FALL SEMESTER		SPRING SEMESTER	
ARCH 1010	3	ARCH 1100	3
ARCH 1130	3	ARCH 1210	5
ARCH 1310	3	COMM 1010	3
ARCH 1350	3	ENGL 1010	3
MATH 1010	4	DISTRIBUTION	3
TOTAL	16	TOTAL	17

SAMPLE SCHEDULE

2ND FALL SEMESTER		2ND SPRING SEMESTER	
ARCH 2210	5	ARCH 1510	3
ARCH 2310	3	ARCH 2320	3
ARCH 2510	5	ARCH 2330	3
LE 1220	3	ARCH 2350	3
TOTAL	16	ARCH 2520	5
		TOTAL	17

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

COURSE	CR	SEM	PREREQUISITES

CORE SKILLS COMPOSITION

ENGL 1010 Intro to Writing	3	A	pre-test

QUANTITATIVE STUDIES

IND 1120 Math for Industry	3	F, Sp	none

COMMUNICATION

Any CM designated course (see pages 23-27)

HUMAN RELATIONS

Any HR designated course (see pages 23-27)

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

COURSE	CR	SEM	PREREQUISITES
AUTO 1110 Auto Elec Lecture	2	F, Sp	w/AUTO 1111
AUTO 1111 Auto Elec Lab	4	F, Sp	w/AUTO 1110
AUTO 1112 Auto Eng Lecture	2	F, Sp	w/AUTO 1113
AUTO 1113 Auto Eng Lab	4	F, Sp	w/AUTO 1112
AUTO 1120 Auto Brakes Lecture	2	F, Sp	w/AUTO 1121
AUTO 1121 Auto Brakes Lab	4	F, Sp	w/AUTO 1120
AUTO 1122 Auto Susp/Steer	2	F, Sp	w/AUTO 1123

AUTO 1123 Auto Sus/Str Lab	4	F, Sp	w/AUTO 1122
AUTO 1210 En Perf I Lecture	2	F, Sp	AUTO 1110, AUTO 1111, w/AUTO 1211
AUTO 1211 En Perf I Lab	4	F, Sp	AUTO 1110, AUTO 1111, w/AUTO 1210
AUTO 1212 En Perf II Lecture	2	F, Sp	AUTO 1210, AUTO 1211, w/AUTO 1213
AUTO 1213 En Perf II Lab	4	F, Sp	AUTO 1210, AUTO 1211, w/AUTO 1212
AUTO 1220 Man TransA/C	2	F, Sp	w/AUTO 1221
AUTO 1221 Man Trs A/C Lab	4	F, Sp	w/AUTO 1220
AUTO 1222 Auto Trans Shift	2	F, Sp	w/AUTO 1223
AUTO 1223 Auto Trs Shft Lab	4	F, Sp	w/AUTO 1222

SAMPLE SCHEDULE

1ST FALL SEMESTER			1ST SPRING SEMESTER		
AUTO	1110	2	AUTO	1120	2
AUTO	1111	4	AUTO	1121	4
AUTO	1112	2	AUTO	1122	2
AUTO	1113	4	AUTO	1123	4
CM COURSE		3	IND	1120	3
TOTAL		15	HR COURSE		3
			TOTAL		18
2ND FALL SEMESTER			2ND SPRING SEMESTER		
AUTO	1210	2	AUTO	1220	2
AUTO	1211	4	AUTO	1221	4
AUTO	1212	2	AUTO	1222	2
AUTO	1213	4	AUTO	1223	4
EN COURSE		3	DISTRIBUTION		3
TOTAL		15	TOTAL		15

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN AUTOMOTIVE COLLISION REPAIR AND REFINISHING (MINIMUM 65 HOURS REQUIRED)

Estimated cost of tools and supplies	\$800
Estimated cost of books	250

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

COURSE	CR	SEM	PREREQUISITES

CORE SKILLS COMPOSITION

ENGL 1010 Intro to Writing	3	A	pre-test

QUANTITATIVE STUDIES

IND 1120 Math for Industry	3	F, Sp	none

COMMUNICATION

Any CM course (see pages 23-27)

HUMAN RELATIONS

Any HR course (see pages 23-27)

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

COURSE	CR	SEM	PREREQUISITES
ACR 1100 Metal & Nonstrc	5	F	w/ACR 1111
ACR 1111 Nonstrc Skill Apl	7	F	w/ACR 1100
ACR 1200 Struc Dam & An	5	Sp	ACR 1100, w/ACR 1211
ACR 1211 Struc Skill Ap Dv	7	Sp	ACR 1111, w/ACR 1200
AR 1100 Auto Refinishing	5	F	w/AR 1111
AR 1111 Refinish Skill Dv	7	F	w/AR 1100
AR 1200 Adv Auto Refin	5	Sp	AR 1100, AR 1111, w/AR 1211
AR 1211 Adv Auto Rf Skl	7	Sp	AR 1100, AR 1111, w/AR 1200
AR 1230 Auto Color & Ds	2	Sp	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ACR	1100	5	ACR	1200	5
ACR	1111	7	ACR	1211	7
IND	1120	3	CM COURSE		3
TOTAL		15	TOTAL		15
2ND FALL SEMESTER			2ND SPRING SEMESTER		
AR	1100	5	AR	1200	5
AR	1111	7	AR	1211	7
ENGL	1010	3	AR	1230	2
HR COURSE		3	DISTRIBUTION		3
TOTAL		18	TOTAL		17

**CERTIFICATE OF COMPLETION/
AUTOMOTIVE COLLISION REPAIR^{CTE}**

(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

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 coordinators, the students would register for the regular laboratory course. Students must attend CO-OP orientation.

CLASS AVAILABILITY

The semester in which courses is 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

COURSE	CR	SEM	PREREQUISITES
ACR 1100 Mtlrgy/Nonst	5	F	w/ACR 1111
ACR 1111 Appl Nonst Rep	7	F	w/ARC 1100
ACR 1200 Struc Dmg Ana	5	Sp	ACR 1100, ACR 1111, w/ACR 1211
ACR 1211 Appl Struc Rep	7	Sp	ACR 1100, ACR 1111, w/ACR 1200
COMM1010 Elem Effect Com	3	A	none
IND 1120 Math for Industry	3	F, Sp	none

Any HR course

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ACR	1100	5	ACR	1200	5
ACR	1111	7	ACR	1211	7
IND	1120	3	COMM	1010	3
HR		3	TOTAL		15
TOTAL		18			

**CERTIFICATE OF COMPLETION^{CTE}
AUTOMOTIVE REFINISHING**

(minimum 35 hours required)

THE PROGRAM

Automobile refinishing technicians restore damaged motor vehicles to "look like new" appearance. These skilled technicians repaint vehicles that have lost the luster of original paint and the repaired portions of vehicles damaged in accidents. The technician prepares the vehicles to receive the new finish. A spray gun then is used to apply under coats to the substrate surface. After the primer coat dries, the surface is prepared for top coats.

Before painting prepared portions of the vehicle, the technician may mix paints or colors to match the existing color of the car. The spray gun technique is vital and must be handled skillfully so the paint is applied evenly. A knowledge of the various materials, supplies and equipment used in the refinishing process is vital. The program requires manual dexterity, average scholastic ability and an appreciation and understanding of color. 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. Students should be in good physical condition and have good eye-hand coordination.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
AR 1100 Auto Refinishing	5	F	w/AR 1111
AR 1111 Refin Skill Dev	7	F	w/AR 1110
AR 1200 Adv Auto Refin	5	Sp	AR 1100, AR 1111, w/AR 1211
AR 1211 Adv Ref Skill Dv	7	Sp	AR 1110, AR 1111, w/AR 1200
AR 1230 Auto Color & Ds	2	Sp	none
ENGL 1010 Intro to Writing	3	A	none
IND 1120 Math for Industry	3	F, Sp	none
Any HR course			

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
AR 1100	5		AR 1200	5	
AR 1111	7		AR 1211	7	
ENGL 1010	3		AR 1230	2	
IND 1120	3		HR	3	
TOTAL	18		TOTAL	17	

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

COURSE	CR	SEM	PREREQUISITES
MOTO 1111 Engine Fund & Repair	3	F	Concurrent w/ MOTO 1112
MOTO 1112 Engine Fund & Repair Lab	6	F	Concurrent w/ MOTO 1111
MOTO 1121 Motorcycle/OPE Electric	1	F	Concurrent w/ MOTO 1122
MOTO 1122 Mtrcycle/OPE Electric Lab	2	F	Concurrent w/ MOTO 1121
MOTO 1131 M/C & OPE Engine Perf	2	Sp	Concurrent w/ MOTO 1132
MOTO 1132 M/C & OPE Engine Perf Lab	3	Sp	Concurrent w/ MOTO 1131
MOTO 1141 M/C & OPE DrvTrn/Chassis	2	Sp	Concurrent w/ MOTO 1142
MOTO 1142 M/C & OPE DrvTrn/Chas Lab	5	Sp	Concurrent w/ MOTO 1141

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
MOTO 1111	3		MOTO 1131	2	
MOTO 1112	6		MOTO 1132	3	
MOTO 1121	1		MOTO 1141	2	
MOTO 1222	2		MOTO 1142	5	
TOTAL	12		TOTAL	12	

AUTOMOTIVE INDUSTRY AND RELATED VEHICLE TRAINING

SEE CONTINUING EDUCATION.

AVIATION TECHNOLOGY/AVIATION MAINTENANCE TECHNICIAN

Estimated cost of tools	\$1500
Estimated cost of tool box	\$1000
Estimated cost of books	\$350
Estimated cost of FAA Test	\$750

International Airport Center, (801) 957-4448

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 complete 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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE STUDIES			
MATH 1010 Interm Algebra (QS)	4	A	MATH 0990 w/C or better & RDG 0900 w/C or better
COMMUNICATION			
COMM1010 Elem of Eff Comm	3	A	none
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

COURSE	CR	SEM	PREREQUISITES
AMTT 1120 Aircraft Regulat	8	A	w/AMTT 1140 when available.
AMTT 1140 Aircraft Elec Hrd	8	A	none
AMTT 1220 Airframe Sys I	8	A	AMTT 1120, AMTT 1140
AMTT 1240 Airframe Sys II	8	A	AMTT 1120, AMTT 1140
AMTT 1260 Airframe Sys III	8	A	AMTT 1120, AMTT 1140
AMTT 2320 Airframe Inspect	8	A	AMTT 1220, AMTT 1240, AMTT 1260
AMTT 2340 Powerplant Sys	8	A	AMTT 1120, AMTT 1140
AMTT 2420 Recip Engines	8	A	AMTT 1120, AMTT 1140
AMTT 2440 Powerplant Insp	8	A	AMTT 2320, AMTT 2340, AMTT 2420

ELECTIVE

COURSE	CR	SEM	PREREQUISITES
AMTT 1160 Aviation Tech Math	3	F, Sp	None (Required only for A&P students)
AMTT 2990 Special Studies	1-5	A	instructor's approval

SAMPLE SCHEDULE

FIRST SEMESTER		SECOND SEMESTER	
AMTT 1120	8	AMTT 1220	8
AMTT 1140	8	AMTT 1240	8
AMTT 1160	3	DISTRIBUTION	3
MATH 1010	4	TOTAL	19
TOTAL	22		
THIRD SEMESTER		FOURTH SEMESTER	
AMTT 1260	8	AMTT 2320	8
LE 1220	3	AMTT 2340	8
TOTAL	8	ENGL 1010	3
		TOTAL	19
FIFTH SEMESTER			
AMTT 2420	8		
AMTT 2440	8		
COMM 1010	3		
TOTAL	19		

DIPLOMA IN AVIATION^{CTE} TECHNOLOGY/AVIATION MAINTENANCE TECHNICIAN

(minimum 84 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
COMM 1010 Intro to Comm	3	A	none
ENGL 1010 Intro to Writing	3	A	pre-test
LE 1220 Human Relation	3	A	none

MAJOR REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
AMTT 1120 Aircraft Regulat	8	A	w/AMTT 1140 when available
AMTT 1140 Aircraft Elec Hrd	8	A	none
AMTT 1160 Aviatn Tech Math	3	F, Sp	none
AMTT 1220 Airframe Sys I	8	A	AMTT 1120, AMTT 1140
AMTT 1240 Airframe Sys II	8	A	AMTT 1120, AMTT 1140
AMTT 1260 Airframe Sys III	8	A	AMTT 1120, AMTT 1140

AMTT 2320 Airframe Inspect	8	A	AMTT 1220, AMTT 1240, AMTT 1260
AMTT 2340 Powerplant Sys	8	A	AMTT 1120, AMTT 1140
AMTT 2420 Recip Engines	8	A	AMTT 1120, AMTT 1140
AMTT 2440 Powerplant Insp	8	A	AMTT 2320, AMTT 2340, AMTT 2420

ELECTIVE

COURSE	CR	SEM	PREREQUISITES
AMTT 2990 Special Studies	1-5	A	instructor's approval

SAMPLE SCHEDULE

FIRST SEMESTER		SECOND SEMESTER	
AMTT 1120	8	AMTT 1220	8
AMTT 1140	8	AMTT 1240	8
AMTT 1160	3	LE 1220	3
TOTAL	19	TOTAL	19
THIRD SEMESTER		FOURTH SEMESTER	
AMTT 1260	8	AMTT 2320	8
TOTAL	8	AMTT 2340	8
		COMM 1010	3
		TOTAL	19
FIFTH SEMESTER			
AMTT 2420	8		
AMTT 2440	8		
ENGL 1010	3		
TOTAL	19		

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 \$250. 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)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm 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

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

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 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 (MINIMUM 33 CREDITS)

COURSE	CR	SEM	PREREQUISITES
PILT 1010 Air Transportation	3	F, Sp	none
PILT 1040 Aviation Orient	1	A	none
PILT 1100 Priv Pilot Gnd Scl	5	A	none or concurrent w/ PILT 1140 or 1145
PILT 1250 Inst Grnd Schl	3	A	PILT 1150, or PILT 1155 w/PILT 1260 or w/PILT 1265
PILT 1420 Aircraft Systems	3	F, Sp	none
PILT 2050 Aviation Meteor	3	F, Sp	none
PILT 2250 Physics of Flight	2	F, Sp	none
PILT 2310 Hu Fact & Safety	3	A	none
Track Requirements	minimum 10 credits		
Track or PILT Electives	minimum 3-7 credits		

PILT ELECTIVES (6 CREDITS)

COURSE	CR	SEM	PREREQUISITES
PILT 1020 Aviation Weather	2	F, Sp	none
PILT 1050 Aviation History	2	F, Sp	PILT 1010
PILT 1800 Ground Tutoring Lab	1	A	instructor approval
PILT 1840 Simulator Tutoring Lab	1	A	instructor approval
PILT 1990 Special Studies	1-2	A	none
PILT 2000 CO-OP	1-2	A	second year
PILT 2010 PreGrad Seminar	1	F, Sp	none
PILT 2470 Corp Business	2	F, Sp	none

DISPATCH CERTIFICATION TRACK REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
PILT 1250 Inst Ground School	3	A	PILT 1150 or PILT 1155 w/PILT 1260 or w/PILT 1265
DISP 1010 Regs, A/C Syst / Proced	3	F, Sp	PILT 1100, 1400, 2050 or concurrent w/ PILT 1100, 1400 and 2050
PILT 1110 Pvt Sim Fixed-Wing Lab	1	F, Sp	w/PILT 1100, reqd. for non-flying students
PILT 1400 Intro Air Trffc Control	3	F, Sp	none

DISPATCH CERTIFICATION TRACK ELECTIVE

COURSE	CR	SEM	PREREQUISITES
PILT 1260 Inst Sim Fxd-Wing Lab	1	A	PILT 1150 w/PILT 1250

DISP	1300	Dispatch Applications	5	F,SP	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 PILT 1155 w/PILT 1260 or w/PILT 1265
PILT	1140	Solo Plt F/W Cert Lab	1	A	concurrent w/PILT 1100
PILT	1150	Prv Pilot F/W Cert Lab	2	A	PILT 1140
PILT	1260	Inst Simulator F/W Lab	1	A	PILT 1150 w/PILT 1250 w/PILT 1250
PILT	1300	Instr Cert F/W Lab	3	A	

FIXED-WING (AIRPLANE) TRACK ELECTIVES

PILT	2100	Commercial Ground	3	A	PILT 1150, PILT 1250, w/PILT 2200 concurrent w/PILT 2100 or w/PILT 1300
PILT	2200	Com Plt Cert F/W Lab I	2	A	PILT 1150, w/PILT 2210
PILT	2210	Multi-Eng Grnd Sch	2	F, Sp	PILT 1150, w/PILT 2210
PILT	2220	Eng F/W Add-on Lab	1	A	PILT 2200 or concurrent w/PILT 2100 or 2200
PILT	2240	Com Plt Cert F/W Lab II	2	A	PILT 2100
PILT	2340	CFI Grnd School	3	F, Sp	PILT 2340
PILT	2300	CFI/Airplane Lab	2	A	PILT 2300
PILT	2350	CFI/Inst Fixed-Wing Lab	1	A	PILT 2220 and PILT 2300
PILT	2400	CFI/Multi-Eng F/W Lab	1	A	PILT 2050
PILT	2440	Mnt Flying F/W Lab	1	Su, F	

ROTOR-WING (HELICOPTER) TRACK REQUIREMENTS:

PILT	1250	Inst Ground School	3	A	PILT 1150 or PPILT 1155 w/PILT 1260 or w/PILT 1265 concurrent w/PILT 1100
PILT	1145	Solo Plt R/W Cert Lab	1	A	PILT 1145
PILT	1155	Priv Plt R/W Cert Lab	2	A	PILT 1155 w/PILT 1250
PILT	1265	Inst Sim R/Wg Lab	1	A	w/PILT 1250
PILT	1305	Trans R/W Inst Lab I	1	A	w/PILT 1250
PILT	1315	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 2205, w/PILT 2100 or PILT 1315 and PILT 1305
PILT	2205	Com Plt Cert R/W Lab I	2	A	PILT 2205 or concurrent w/PILT 2100 or PILT 2205
PILT	2245	Com Plt Cert R/W Lab II	2	A	PILT 2100
PILT	2340	CFI Grnd School	3	F, Sp	PILT 2340
PILT	2305	CFI / Rotor-Wing	2	A	PILT 2305
PILT	2355	CFI / Inst Rotor-Wing Lab	1	A	PILT 1145
PILT	2405	Turbine Transtr R/W Lab	1	A	PILT 2245
PILT	2445	Mtn Ops Rotor-Wing Lab	1	Su, F	PILT 2245
PILT	2455	Utility Oper Rotor-Wing Lab	1	Su, F	

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

FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	ENGL	2010	3
PILT	1040	1	PILT	1010	3
PILT	1100	5	PILT	2310	3
TRACK	REQ	1	TRACK	REQ	2
PILT	1420	3	PILT	2050	3
CHOICE		3	DIST		3
TOTAL		16	HLAC		1
			TOTAL		18
2ND FALL SEMESTER			2ND SPRING SEMESTER		
TRACK	REQ	3	TRACK	REQ	3
TRACK	REQ	1	PILT	2250	2
MATH	1030	3	ELEC		3-6
OR			DIST		9
MATH	1050	4	TOTAL		17-20
AMERICAN INST		3			
DIST		6			
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)

COURSE		CR	SEM	PREREQUISITES
PILT 1040	Aviation Orientation	1	A	None
PILT 1100	Private Pilot Grnd School	5	A	conc w/ PILT 1140
PILT 1140	Solo Pilot Cert Lab	1	A	conc w/ PILT 1100
PILT 1150	Priv Plt Fxd-Wing Crt Lab	2	A	PILT 1140
PILT 1250	Instrument Grnd School	3	A	PILT 1150; conc w/ PILT 1260 & PILT 1300
PILT 1260	Inst Sim Fixed-Wing Lab	1	A	conc w/ PILT 1250
PILT 1300	Inst Cert Fixed-Wing Lab	3	A	conc w/ PILT 1250
PILT 1400	Intro to ATC	3	F, Sp	none
PILT 1420	Aircraft Systems	3	F, Sp	none
PILT 2050	Aviation Meteorology	3	F, Sp	none
PILT 2440	Mntn Flying Fxd-Wing Lab	1	Su, F	PILT 1150, PILT 2050

SAMPLE SCHEDULE				
FALL SEMESTER			SPRING SEMESTER	
CM COURSE		3	QS COURSE	3-4
PILT	1040	1	HR COURSE	2-3
PILT	1100	5	PILT	1150 2
PILT	1140	1	PILT	1250 3
PILT	1400	3	PILT	1260 1
PILT	1420	3	PILT	1300 3
PILT	2050	3	PILT	2440 1
TOTAL		19	TOTAL	15-17

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 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 (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)

COURSE		CR	SEM	PREREQUISITES
PILT 1040	Aviation Orientation	1	A	None
PILT 1100	Priv Pilot Ground School	5	A	None
PILT 1145	Solo Pilot Rtr-Wing Cert Lab	1	A	conc w/ PILT 1100
PILT 1155	Priv Pilot Rtr-Wing Cert Lab	2	A	PILT 1145
PILT 1250	Instrument Grnd School	3	A	PILT 1155; conc w/ PILT 1265, 1305 & 1315
PILT 1265	Inst Sim Rtr-Wing Lab	1	A	conc w/ PILT 1250
PILT 1305	Trans Rtr-Wing Inst Lab	1	A	conc w/ PILT 1250
PILT 1315	Inst Cert Rtr-Wing Lab II	2	A	PILT 1305; conc w/ PILT 1250(Note: PILT 1305 & 1315 can be taken in the same semester (one after the other) - both are required for instrument rating)
PILT 1400	Intro to ATC	3	F, Sp	none
PILT 1420	Aircraft Systems	3	F, Sp	none
PILT 2050	Aviation Meteorology	3	F, Sp	none
PILT 2445	Mntn Flying Rtr-Wing Lab	1	Su, F	PILT 1155, PILT 2050

SAMPLE SCHEDULE				
FALL SEMESTER			SPRING SEMESTER	
CM COURSE		3	QS COURSE	3-4
PILT	1040	1	HR COURSE	2-3
PILT	1100	5	PILT	1155 2
PILT	1145	1	PILT	1250 3
PILT	1400	3	PILT	1265 1
PILT	1420	3	PILT	1305 1
PILT	2050	3	PILT	1315 2
TOTAL		19	TOTAL	15-17

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 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 (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)

COURSE		CR	SEM	PREREQUISITES
PILT 1010	Air Transportation	3	F, Sp	None
PILT 1250	Instrument Grnd School	3	A	PILT 1150; conc w/ PILT 1260 & PILT 1300
PILT 1260	Inst Sim Fxd-Wing Lab	1	A	conc w/ PILT 1250
PILT 1300	Inst Cert Fxd-Wing Lab	3	A	conc w/ PILT 1250
PILT 2050	Aviation Meteorology	3	F, SP	none
PILT 2100	Commercial Ground	3	A	PILT 1150, PILT 1250, conc w/ PILT 2200 & PILT 2240
PILT 2200	Com Pilot Crt Fxd-Wing Lab I	2	A	conc w/ PILT 2100 & PILT 2240
PILT 2240	Com Pilot Crt Fxd-Wing Lab II	2	A	conc w/ PILT 2100 & PILT 2200
PILT 2300	CFI/Airplane Lab	2	A	PILT 2240; conc w/ PILT 2340 & PILT 2350
PILT 2310	Human Factors & Safety	3	A	None
PILT 2340	CFI Ground School	3	F, Sp	PILT 2100; conc w/ PILT 2300 & PILT 2350
PILT 2350	CFI/Instru Fxd-Wing Lab	1	A	conct w/ PILT 2300 & PILT 2340

SAMPLE SCHEDULE				
FALL SEMESTER			SPRING SEMESTER	
PILT	1010	3	CR COURSE	3
PILT	2310	3	QS COURSE	3-4
PILT	2050	3	HR COURSE	2-3
PILT	2100	3	PILT	2300
PILT	2200	2	PILT	2340
PILT	2240	2	PILT	2350
TOTAL		16	TOTAL	14-16
SUMMER SEMESTER				
PILT	1250	3		
PILT	1260	1		
PILT	1300	3		
TOTAL		7		

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)

COURSE 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	Air Transportation	3	F, Sp	None
PILT 1250	Instrument Grnd School	3	A	PILT 1155; conc w/ PILT 1265, 1305 & 1315
PILT 1265	Inst Sim Rtr-Wing Lab	1	A	conc w/ PILT 1250
PILT 1305	Trans Rtr-Wing Inst Lab	1	A	conc w/ PILT 1250
PILT 1315	Inst Cert Rtr-Wing Lab II	2	A	PILT 1305; conc w/ PILT 1250 (Note: PILT 1305 & 1315 can be taken in the same semester (one after the other) - both are required for instrument rating)
PILT 2050	Aviation Meteorology	3	F, Sp	none
PILT 2100	Commercial Ground	3	A	PILT 1155; PILT 1250; conc w/ PILT 2205 & PILT 2245

PILT 2205	Com Pil Cert Rtr-Wing Lab I	2	A	conc w/ PILT 2100 & 2245
PILT 2245	Com Pil Cert Rtr-Wing 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 2100; concurrent w/ PILT 2305 & 2355
PILT 2355	CFI/Instru Rtr-Wing Lab	1	A	conc w/ PILT 2305 & 2340
PILT 2405	Turbine Eng Rtr-Wing Lab	1	A	PILT 1155
PILT 2455	Utility Oper Rtr-Wing Lab	1	Su, F	PILT 1155, PILT 2050

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CM COURSE		3	PILT	1250	3
PILT	1010	3	PILT	1265	1
PILT	1310	3	PILT	1305	1
PILT	2100	3	PILT	1315	2
PILT	2205	2	PILT	2050	3
PILT	2245	2	PILT	2305	2
TOTAL		16	PILT	2340	3
			PILT	2355	1
			TOTAL		15-17
SUMMER SEMESTER					
HR COURSE		2-3			
QS COURSE		3-4			
PILT	2405	1			
PILT	2455	1			
TOTAL		7-9			

BACHELOR'S DEGREES

THE UNIVERSITY CENTER MAKES BACHELOR'S DEGREES AVAILABLE TO STUDENTS. PLEASE SEE THE LISTING UNDER "UNIVERSITY CENTER" PAGES 68-69.

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
BARB	1110	4	BARB	1210	4
BARB	1101	5.5	BARB	1201	5.5
TOTAL		9.5	TOTAL		9.5
THIRD SEMESTER					
BARB	2310	4			
BARB	2301	5.5			
TOTAL		9.5			

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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test

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.

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
BRC	1101	3	BRC	1201	3
BRC	1102	3	BRC	1202	3
BRC	1110	4	BRC	1210	4
CTEL	1010	3	BRC	2810	2
ENGL	1010	3	COMM	1010	3
TOTAL		16	TOTAL		15
THIRD SEMESTER			FOURTH SEMESTER		
BRC	2301	3	BRC	2401	3
BRC	2302	3	BRC	2302	3
BRC	2310	4	BRC	2410	4
BRC	2710	2	BRC	2860	2
BRC	1470	3	BRC	2870	2
TOTAL		15	DIST		3
			TOTAL		17

DIPLOMA/BARBERING/^{CTE} COSMETOLOGY

(minimum 57 hours required)

MAJOR COURSE REQUIREMENTS FOR ALL BARBERING/ COSMETOLOGY DIPLOMA STUDENTS

COURSE	CR	SEM	PREREQUISITES
BRC 1101 Barb/Cos Orientation Lb I	3	A	none
BRC 1102 Barb/Cos Orientation Lb II	3	A	none
BRC 1110 Barb/Cos Orientation Theory	4	A	none
BRC 1201 Intro to Barb/Cos Lab I	3	A	BRC 1101
BRC 1202 Intro to Barb/Cos Lab II	3	A	BRC 1102
BRC 1210 Intro to Barb/Cos Theory	4	A	BRC 1110
BRC 2301 Intern to Barb/Cos Lab I	3	A	BRC 1201
BRC 2302 Intern to Barb/Cos Lab II	3	A	BRC 1210
BRC 2310 Intern Cos/Barb Theo	4	A	BRC 1210
BRC 2401 Adv Cos/Barb Lab I	3	A	BRC 2301
BRC 2402 Adv Cos/Barb Lab II	3	A	BRC 2301
BRC 2410 Barb/Cos State Brd Prep	4	A	BRC 2310
BRC 2710 Color Principles	2	A	BRC 1200
BRC 2810 Salon Success	2	A	none
BRC 2860 Ethnic Hair	2	F, Sp	BRC 2710, BRC 2810, COMM 1010, BRC 1470
BRC 2870 Adv Hair Design	2	F, Sp	BRC 2710, BRC 2810, COMM 1010, BRC 1470

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				
COURSE		CR	SEM	PREREQUISITES
BRC 2990	Independent Studies	0-16	A	BRC 1110
EST 1101	Basic Esth Lab I	6	A	none
EST 1110	Basic Esth Theory	4	A	none
EST 1201	Basic Esth Lab II	6	A	EST 1101
EST 1210	Basic Esth Theory II	4	A	EST 1101

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.

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									
FIRST SEMESTER				CLK HRS	SECOND SEMESTER				CLK HRS
BRC	1101	3	180		BRC	1201	3	180	
BRC	1102	3	180		BRC	1202	3	180	
BRC	1110	4	60		BRC	1210	4	60	
CTEL	1010	3	45		BRC	2810	2	30	
TOTALS		13	465		COMM	1010	3	45	
					TOTALS		15	495	
THIRD SEMESTER				CLK HRS	FOURTH SEMESTER				CLK HRS
BRC	2301	3	180		BRC	2401	3	180	
BRC	2302	3	180		BRC	2402	3	180	
BRC	2310	4	60		BRC	2410	4	60	
BRC	1470	3	45		BRC	2710	2	45	
TOTAL		13	465		TOTALS		12	465	

RECOMMENDED FULL-TIME SCHEDULE							
FIRST SEMESTER			CLK HRS	SECOND SEMESTER			CLK HRS
BRC	1101	3	120	BRC	1201	3	120
BRC	1102	3	120	BRC	1202	3	120
BRC	1110	4	60	BRC	1210	4	60
CTEL	1010	3	45	BRC	2810	2	30
TOTALS		13	345	COMM	1010	3	3
				TOTALS		15	375
THIRD SEMESTER			CLK HRS	FOURTH SEMESTER			CLK HRS
BRC	2301	3	120	BRC	2401	3	120
BRC	2302	3	120	BRC	2402	3	120
BRC	2310	4	60	BRC	2410	4	60
BRC	2710	2	45	BRC	2860	2	45
BRC	1470	3	45	BRC	2870	2	45
TOTALS		15	345	TOTALS		14	345

CERTIFICATE OF COMPLETION BARBERING/COSMETOLOGY

(minimum 53 hours required)

MAJOR COURSE REQUIREMENTS FOR ALL

BARBERING/COSMETOLOGY CERTIFICATE STUDENTS				
COURSE		CR	SEM	PREREQUISITES
BRC 1101	Barb/Cos Orientation Lb I	3	A	none
BRC 1102	Barb/Cos Orientatn Lb II	3	A	none
BRC 1110	Barb/Cos Orient Theory	4	A	none
BRC 1201	Intro to Barb/Cos Lab I	3	A	BRC 1101
BRC 1202	Intro to Barb/Cos Lab II	3	A	BRC 1102
BRC 1210	Intro to Barb/Cos Theory	4	A	BRC 1110
BRC 2301	Interm to Barb/Cos Lab I	3	A	BRC 1201
BRC 2302	Interm to Barb/Cos Lab II	3	A	BRC 1210
BRC 2310	Interm Cos/Barb Theo	4	A	BRC 1210
BRC 2401	Adv Cos/Barb Lab I	3	A	BRC 2301
BRC 2402	Adv Cos/Barb Lab II	3	A	BRC 2301
BRC 2410	Barb/Cos State Brd Prep	4	A	BRC 2310
BRC 2710	Color Principles	2	A	BRC 1200
BRC 2810	Salon Success	2	A	none
COMM 1010	Intro to Comm	3	A	none
CTEL 1010	Ldership & Teamblng (HR)	3	A	none
BRC 1470	Barbering/Cosm. Math (QS)	3	A	none

ELECTIVE COURSE FOR ALL

BARBERING/COSMETOLOGY CERTIFICATE STUDENTS				
COURSE		CR	SEM	PREREQUISITES
BRC 2990	Independent Studies	0-16	A	BRC 1110
EST 1101	Basic Esth Lab I	6	A	none
EST 1110	Basic Esth Theory	4	A	none
EST 1201	Basic Esth Lab II	6	A	EST 1101
EST 1210	Basic Esth Theory II	4	A	EST 1101

ADDITIONAL CLOCK HOURS

Upon Completion of required course work, students needing additional clock hours should register for EST 1101, EST 1110,

BAIL ENFORCEMENT TRAINING

SEE CONTINUING EDUCATION.

BIOLOGY

Science and Industry Building 341 (801) 957-4944

General Information (801) 957-4073

Academic Advisor SI 209 (801) 957-4858

www.slcc.edu/biology

Professors: James Hampton, Arleen 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 AS 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)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
QUANTITATIVE LITERACY			
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

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS			
HLAC _____	1	A	none

STUDENT CHOICE (3 CREDITS)

Communications, depth, or intensive course.

COMPUTER LITERACY**DISTRIBUTION AREAS**

Complete the following distribution (BS) courses:

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)

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).

Fine Arts	3	A	none
Humanities	3	A	none
Interdisciplinary	3	A	none
Social Science	3	A	none

Physical Science area is exempted; CHEM 1210 is required for program.

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
BIOL 1620 College Biology II	4	A	BIOL 1610/1615 (C grade or better), w/BIOL 1625 (lab)
BIOL 2030 Genetics	4	F, Sp	CHEM 1210 (C grade or better), BIOL 1610/1615 (C grade or better), w/BIOL 2035 (lab)
CHEM 1210 Gen Chem I	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1215 Gen Chem Lab I	1	F, Sp	w/CHEM 1210
CHEM 1220 General Chem II	4	Sp, Su	CHEM 1210 w/CHEM 1225
CHEM 1225 Gen Chem Lab II	1	Sp, Su	w/CHEM 1220
CHEM 2310 Organic Chem I	4	F, Sp	CHEM 1220, w/CHEM 2315
CHEM 2315 Organic Chem Lab I	1	F, Sp	w/CHEM 2310

ELECTIVES (8 CREDITS)

*BIOL 2020 Cell Biology	4	F, Sp	BIOL 1610/1615 (C grade or better) w/BIOL 2025 (lab)
BIOL 2060 Microbiology	4	A	BIOL 1610/1615 (C grade or better), w/BIOL 2065 (lab)
BIOL 2070 Plant Biology	4	F, Sp	BIOL 1610/1615 (C grade or better), w/BIOL 2075 (lab)

BIOL 2080 Animal Biology	4	F, Sp	BIOL 1610/1615 (C grade or better), w/BIOL 2085 (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 2350 Field Studies Bio	1-3	TBA	BIOL 1610/1615 (C grade or better)
BIOL 2420 Human Physiology	4	A	BIOL 1610/1615, (C grade or better) CHEM 1110, w/BIOL 2425 (lab)
*CHEM 2320 Organ Chem II	4	Sp, Su	CHEM 2310, w/CHEM 2325
*CHEM 2325 Organic Chem Lab II	1	Sp, Su	w/CHEM 2320
*PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
*PHYS 2215 Physics f/Sci&Eng L I	1	A	w/PHYS 2210
*PHYS 2220 Physics f/Sci&Eng II	4	A	PHYS 2210, w/PHYS 2225
*PHYS 2225 Physics f/Sci&Eng LII	1	A	w/PHYS 2220
*Required for U of U Biology major.			
*BIOL 2020/2025 Cell Biology and Lab are required for students transferring to the University of Utah.			
*BIOL 2220/2225 Ecology and Lab are required for students transferring to Utah State University.			

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
BIOL 1610/1615	4		BIOL 1620/1625	4	
CHEM 1210/1215	5		BIOL 2030/2035	4	
MATH 1210	4		CHEM 1220/1225	5	
DISTRIBUTION	3		DISTRIBUTION	3	
TOTAL	16		TOTAL	16	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
BIOL ELECTIVE	4		ENGL 2010	3	
CHEM 2310/2315	5		DISTRIBUTION	3	
ENGL 1010	3		AMERICAN INST	3	
HLAC ELECTIVE	1		STUDENT CHOICE	3	
DISTRIBUTION	3		ELECTIVE	4	
TOTAL	16		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 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

COURSE	CR	SEM	PREREQUISITES
BIOL 1010 Intro to Biology	4	A	w/BIOL 1015 (lab) (Placement Required) a grade of C or better in RDG 0900 or equivalent CPT/ACT score.
BIOL 1030 Intro Plant Biology	4	F, Sp	w/BIOL 1035 (lab) (Placement Required) a grade of C or better in RDG 0900 or equivalent CPT/ACT score.
BIOL 1050 Intro Animal Biology	4	F, Sp	w/BIOL 1055 (lab) (Placement Required) a grade of C or better in RDG 0900 or equivalent CPT/ACT score.
BIOL 1070 Intro to Marine Bio	4	F, Sp	w/BIOL 1075 (lab) (Placement Required) a grade of C or better in RDG 0900 or equivalent CPT/ACT score.
BIOL 1090 Human Biology	3	A	none (Placement Required) a grade of C or better in RDG 0900 or equivalent CPT/ACT score.

BIOMANUFACTURING/BIOTECHNOLOGY

BIOL 1120	Intro Conservation Biol	3	F, Sp	none (Placement Required) a grade of C or better in RDG 0900 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.
BIOL 1617	College Bio I Workshop	1	A	W/BIOL 1615 (lab)
BIOL 1620	College Biology II	4	A	w/BIOL 1610/1615
BIOL 2000	CO-OP	2-4	A	BIOL 1610/1615, w/BIOL 1625 (lab)
BIOL 2020	Cell Biology	4	F, Sp	Instructor's approval
BIOL 2030	Genetics	4	F, Sp	BIOL 1610/1615 (C grade or better) w/BIOL 2025 (lab)
BIOL 2060	Microbiology	4	A	CHEM 1210 (C grade or better), BIOL 1610/1615 (C grade or better), w/BIOL 2035 (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, (C grade or better) CHEM 1110, w/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:

SI 209 (801) 957-4858

JHS 047E (801) 957-4407

Instructor: Vivian Ngan-Winward

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)

COURSE	CR	SEM	PREREQUISITES
ENGL 1010 Intro to Writing	3	A	WRTG 0990 or placement score

QUANTITATIVE STUDIES (4 CREDITS)

COURSE	CR	SEM	PREREQUISITES
MATH 1010 Interm Algebra	4	A	MATH 0990 and RDG 0900 w/ C or 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)

COURSE	CR	SEM	PREREQUISITES
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 (14 CREDITS)

COURSE	CR	SEM	PREREQUISITES
BUS 1050 Foundat. of Business OR MKTG 1050 Consumerism	3	A	none
BMAN 1110 Intro to Bioman	3	F,Sp	none
BMAN 1120 Basic Bioman Skills	1	F,Sp	BMAN 1110 (can be taken concurrently), or instructor's permission
BMAN 1150 Bioman Qual Sys & Reg	3	F,Sp	BMAN 1110 and BMAN 1120, or instructor's permission
BMAN 1180 Bioman Experience	4	F,Sp	BMAN 1110 and BMAN 1120, or instructor's permission

ADVISING 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

FALL SEMESTER			SPRING SEMESTER		
ENGL 1010	3		CM COURSE		3
MATH 1010	4		HR COURSE		3
BUS 1050	3		DIST		3-4
OR			BMAN 1150		3
MKTG 1050	3		BMAN 1180		4
BMAN 1110	3		TOTAL		16-17
BMAN 1120	1				
TOTAL	14				

DIPLOMA^{CTE} BIOMANUFACTURING

(minimum 47 hours required)

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)**COMPOSITION (3 CREDITS)**

COURSE	CR	SEM	PREREQUISITES
ENGL 1010 Intro to Writing	3	A	WRTG 0990 or placement score

QUANTITATIVE LITERACY (4 CREDITS)

COURSE	CR	SEM	PREREQUISITES
MATH 1010 Interm Algebra	4	A	MATH 0990 and RDG 0900 w/ C or 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)

COURSE	CR	SEM	PREREQUISITES
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 (31 CREDITS)

COURSE	CR	SEM	PREREQUISITES
BUS 1050 Foundation. of Business OR MKTG 1050 Consumerism	3	A	none
BMAN 1110 Intro to Bioman	3	F,Sp	none
BMAN 1120 Basic Bioman Skills	1	F,Sp	BMAN 1110 (can be taken concurrently) or instructor's permission
BMAN 1150 Bioman Qual Sys & Reg	3	F,Sp	BMAN 1110 and BMAN 1120, or instructor's permission
BMAN 1180 Bioman Experience	4	F,Sp	BMAN 1110 and BMAN 1120, or instructor's permission
BIOL 1610 College Biology I (BS)	4	A	MATH and RDG 0990 w/ C or better (or equivalent placement)
BIOL 1615 College Biology I Lab	0	A	Must be taken with BIOL 1610
BIOL 2060 Microbiology	4	A	BIOL 1610/1615 w/ C or better
BIOL 2065 Microbiology Lab	0	A	Must be taken with BIOL 2060
CHEM 1110 Elem Chemistry	4	A	MATH 1010 or equiv
CHEM 1115 Elem Chemistry Lab	1	A	Concurrent with CHEM 1110
BTEC 2010 Applied Molecular Biology	4	F,Sp	BTEC 1010 and BTEC 1015 (or BMAN 1120) and BIOL 1610 (C or better in all)

ADVISING 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

BIOMANUFACTURING

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				
FALL SEMESTER			SPRING SEMESTER	
ENGL	1010	3	CM COURSE	3
MATH	1010	4	BIOL	1610 4
BUS	1050	3	BIOL	1615 0
OR			BMAN	1150 3
MKTG	1050	3	BMAN	1180 4
BMAN	1110	3	TOTAL	14
BMAN	1120	1		
DIST		3-4		
TOTAL		17-18		
2ND FALL SEMESTER				
HR	COURSE	3		
BIOL	2060	4		
BIOL	2065	0		
CHEM	1110	4		
CHEM	1115	1		
BTEC	2010	4		
TOTAL		16		

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN BIOMANUFACTURING

(minimum 65 hours required)

The Biomanufacturing AAS is a comprehensive program that can be completed in four semesters. In addition to the courses required for the Biomanufacturing Diploma, students will be required to master concepts and skills in advanced biomanufacturing-related topics. While some of these topics are required, others are subject to student choice, based on the emphasis of the Biomanufacturing AAS degree selected. This advanced training will expand on the core manufacturing and core science skills covered by the Biomanufacturing Diploma program and will ready the student for entry- to mid- level positions in a biomanufacturing environment.

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)

COURSE	CR	SEM	PREREQUISITES
ENGL 1010 Intro to Writing	3	A	WRTG 0990 or placement score

QUANTITATIVE LITERACY (4 CREDITS)

COURSE	CR	SEM	PREREQUISITES
MATH 1010 Interim Algebra	4	A	MATH 0990 and RDG 0900 w/ C or 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)

COURSE	CR	SEM	PREREQUISITES
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)

COURSE	CR	SEM	PREREQUISITES
BUS 1050 Foundat. of Business	3	A	none
Or			
MKTG 1050 Consumerism	3	A	none
BMAN 1110 Intro to Bioman	3	F,Sp	none
BMAN 1120 Basic Bioman Skills	1	F,Sp	BMAN 1110 (can be taken concurrently) or instructor's permission
BMAN 1150 Bioman Qual Sys & Reg	3	F,Sp	BMAN 1110 and BMAN 1120, or instructor's permission
BMAN 1180 Bioman Experience	4	F,Sp	BMAN 1110 and BMAN 1120, or instructor's permission
BIOL 1610 College Biology I (BS)	4	A	MATH and RDG 0990 w/ C or better (or equivalent placement)
BIOL 1615 College Biology I Lab	0	A	Must be taken with BIOL 1610
BIOL 2060 Microbiology	4	A	BIOL 1610/1615 w/ C or better
BIOL 2065 Microbiology Lab	0	A	Must be taken with BIOL 2060
CHEM 1110 Elem Chemistry	4	A	MATH 1010 or equiv
CHEM 1115 Elem Chemistry Lab	1	A	Concurrent with CHEM 1110
BTEC 2010 Applied Molecular Biology	4	F,Sp	BTEC 1010 and BTEC 1015 (or BMAN 1120) and BIOL 1610 (C or better in all)
BMAN 2110 Good Manuf Practices	3	F,Sp	BMAN 1150 and BMAN 1180, or instructor's permission
BMAN 2120 Verification and Validation	2	F,Sp	BMAN 1150 and BMAN 1180, or instructor's permission
BMAN 2130 Measurement Fundamentals	2	F,Sp	BMAN 1150 and BMAN 1180, or instructor's permission

ELECTIVES FOR SCIENCE AND TECHNOLOGY EMPHASIS (11-14 CREDITS)

COURSE	CR	SEM	PREREQUISITES
BTEC 2900 Special Topics	2-5	F,Sp	BMAN 1150 and BMAN 1180, or instructor's permission
ENGR 1050 Intro to Nanotechnology	3	F,Sp	none

BTEC 2060	Biotech Instrumentation	3	F,Sp	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	Bioengin in Society (ID)	3	TBD	none

ELECTIVES FOR MANUFACTURING EMPHASIS (12 CREDITS)

COURSE		CR	SEM	PREREQUISITES
TECH	How Things Work	3	TBD	none
EDDT 1040	Intro to AutoCAD	3	A	none
EDDT 2340	Manufacturing Processes	2	F	EDDT 1040; Must be taken with EDDT 2350
EDDT 2350	Manufac Processes Lab	1	F	Must be taken with EDDT 2340
BTEC 2060	Biotech Instrumentation	3	F,Sp	BMAN 1110 and BMAN 1120, or instructor's permission

ELECTIVES FOR LEAN PRODUCTION AND SIX SIGMA EMPHASIS (13 CREDITS)

COURSE		CR	SEM	PREREQUISITES
MGT 2040	Business Statistics I	4	A	BUS 1050, MATH 1010 or FIN 1380, CIS 1020 or competency
MGT 2700	Prod & Ops Management	3	F	MATH 1050 or MATH 1090, MGT 2040, MGT 2350, or instructor's permission
MGT 2710	Qual Ctrl & Six Sigma	3	F	MGT 2040, MGT 2350, or instructor's permission

ONE OF:

MGT 2720	Sup Chain Des & Mgmt	3	Sp	MGT 2700
MGT 2730	Lean Production	3	Sp	MGT 2700, MGT 2710

ADVISING 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

SAMPLE SCHEDULE				
FALL SEMESTER			SPRING SEMESTER	
ENGL	1010	3	DIST	3-4
MATH	1010	4	HR COURSE	3
BUS	1050	3	CHEM 1110	4
OR			CHEM 1115	1
MKTG	1050	3	BMAN 1150	3
BMAN	1110	3	BMAN 1180	4
BMAN	1120	1	TOTAL	18-19
ENGR	1050	3		
TOTAL		17		

SAMPLE SCHEDULE

2ND FALL SEMESTER			2ND SPRING SEMESTER		
BMAN	2110	3	BTEC	2010	4
BIOL	1610	4	BTEC	2060	3
BIOL	1615	0	BIOL	2060	4
CM COURSE		3	BIOL	2065	0
ELECT		3	BMAN	2120	2
TOTAL		16	BMAN	2130	2
			BTEC	2900	2-5
			TOTAL		14-17

FOR MANUFACTURING TECHNOLOGY EMPHASIS**SAMPLE SCHEDULE**

FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	DIST		3-4
MATH	1010	4	BIOL	1610	4
BUS	1050	3	BIOL	1615	0
OR			EDDT	1040	3
MKTG	1050	3	BMAN	1150	3
BMAN	1110	3	BMAN	1180	4
BMAN	1120	1	TOTAL		17-18
TECH	XXXX	3			
TOTAL		17			
2ND FALL SEMESTER			2ND SPRING SEMESTER		
BMAN	2110	3	CM COURSE		3
EDDT	2340	2	HR COURSE		3
EDDT	2350	1	BIOL	2060	4
CHEM	1110	4	BIOL	2065	0
CHEM	1115	1	BMAN	2120	2
BTEC	2010	4	BMAN	2130	2
BTEC	2060	3	TOTAL		17
TOTAL		15			

FOR LEAN PRODUCTION & SIX SIGMA EMPHASIS**SAMPLE SCHEDULE**

FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	CM COURSE		3
MATH	1010	4	BIOL	1610	4
BUS	1050	3	BIOL	1615	0
OR			MGT	2040	4
MKTG	1050	3	BMAN	1150	3
BMAN	1110	3	BMAN	1180	4
BMAN	1120	1	TOTAL		18
DIST		3-4			
TOTAL		17-18			
2ND FALL SEMESTER			2ND SPRING SEMESTER		
BMAN	2110	3	BIOL	2060	4
MGT	2700	3	BIOL	2065	0
MGT	2710	3	BTEC	2010	4
CHEM	1110	4	BMAN	2120	2
CHEM	1115	1	BMAN	2130	2
HR COURSE		3	ELECTIVE		3
TOTAL		17	TOTAL		15

BIOTECHNOLOGY

Jordan Health Sciences Building 254C

(801) 957-2851

www.slcc.edu/biotech

Academic Advisor :

SI 209 (801) 957-4858

JHS 047E (801) 957-4407

Assistant Professors: Charles Rettberg, 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.

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/universitycenter/programs

www.slcc.edu/biotech

ASSOCIATE OF APPLIED SCIENCE^{CTE} (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)

COURSE	CR	SEM	PREREQUISITES
COMPOSITION (6 CREDITS)			
ENGL 1010 Introduction to Writing	3	A	WRTG 0990 or placement score
ENGL 2010 Intermediate Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY (4 CREDITS)			
MATH 1050 College Algebra	4	A	MATH 1010 and RDG 0990 C or better or placement scores

AMERICAN INSTITUTIONS (CHOOSE ANY ONE OF THE FOLLOWING FOR 3 CREDITS)

ECON 1740	3	A	RDG 0990 C or better or placement score
OR			
HIST 1700	3	A	RDG 0990 C or better or placement score
OR			
POLS 1100	3	A	RDG 0990 C or better or placement score

LIFELONG WELLNESS (CHOOSE AN HLAC COURSE FOR 1 CREDIT)

HLAC Student Choice (choose depth or intensive for 3 credits)	1	A	none
Computer Literacy Choice	3	A	none

DISTRIBUTION AREAS (16 CREDITS)

Complete the following distribution (BS) courses:

BIOL 1610 Col Bio I (BS) + Lab (1615)	4	A	MATH and RDG 0990 w/C or better (or equivalent placement)

ALSO, CHOOSE ONE COURSE FROM EACH OF THE FOLLOWING DISTRIBUTION AREAS. ONE OF THE COURSES MUST ALSO BE A DIVERSITY COURSE (DV).

Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (SS)	3	A	none
Physical Science (PS) is exempted; CHEM 1210 is required for the program			
See pp. 23-27 for options in each of these categories.			

MAJOR COURSE REQUIREMENTS (27-29 CREDITS)

COURSE	CR	SEM	PREREQUISITES
BTEC 1010 Intro to Biotechnology	3	F/Sp	MATH and RDG 0990 w/C or better (or equivalent placement)
BTEC 1015 Intro to Biotechnology Lab	1	F/Sp	MATH and RDG 0990 w/C or better (or equivalent placement)
BTEC 2010 Applied Molecular Biology	3	F/Sp	BTEC 1010, BTEC 1015, and BIOL 1610 w/C or better in all
BTEC 2020 Biomolec Sep and Analysis	3	F	BTEC 2010 w/C or better
BTEC 2030 Cell Culture	2	F/Sp	BTEC 2010 w/C or better
BTEC 2040 Advanced Molec Methods	3	Sp	BTEC 2010 C or better
CHEM 1210 General Chemistry I	4	F/Sp	Math 1050 C or better
CHEM 1215 General Chemistry I Lab	1	F/Sp	Concurrent with CHEM 1210
CHEM 1220 General Chemistry II	4	Sp/Su	CHEM 1210
CHEM 1225 General Chemistry II Lab	1	Sp/Su	Concurrent with CHEM 1220

ELECTIVES (CHOOSE ONE OF THE FOLLOWING ELECTIVES FOR 2.4 CREDITS)

BTEC 1060 NucAcidProtBchm	2	Sp	BTEC 1010 and BIOL 1610
BTEC 1080 Biotechnology Experience	3	A	BTEC 1010 and BTEC 1015 w/C or better
BMAN 1180 Biomanufact Experience	4	F/Sp	BMAN 1110/1120 w/C or better
BMAN 1150 Bioman Qlty Sys and Regs	3	F/Sp	BMAN 1110/1120 w/C or better
BMAN 2110 Good Manufact Practices	3	TBD	BMAN 1150 and BMAN 1180 or instructor permission
BMAN 2120 Verification and Validation	2	TBD	BMAN 1150 and BMAN 1180 or instructor permission

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:

COURSE	CR	SEM	PREREQUISITES
MATH 2040 Statistics	4	F	MATH 1050
BIOL 2060 Microbiology	4	A	BIOL 1610/1615 w/C or better
BIOL 2065 Microbiology Lab	0	A	with BIOL 2060
CHEM 2310 Organic Chemistry I	4	F/Sp	Chem 1210, with CHEM 2315
CHEM 2315 Organic Chemistry I Lab	1	F/Sp	with CHEM 2310
CHEM 2320 Organic Chemistry II	4	Sp/Su	Chem 2310, with CHEM 2325
CHEM 2325 Organic Chemistry II Lab	1	Sp/Su	with CHEM 2320
PHYS 2010 College Physics I	4	A	MATH 1060, with PHYS 2015
PHYS 2015 College Physics Lab I	1	A	with PHYS 2010

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

*Transfer note: Students completing the A.S. in Biotechnology at SLCC may consider transfer to science degree programs other than Biotechnology. Students should be aware that the full complement of their General Education courses and many of their major course requirements will transfer to any four year institution in the Utah System of Higher Education. However, Biotechnology courses are only articulated with Utah Valley University at this time. Consult your academic advisor for more information.

SAMPLE SCHEDULE				
Fall Semester			Spring Semester	
BTEC 1010	3		BTEC 2010	3
BTEC 1015	1		BTEC ELEC	3
ENGL 1010	3		ENGL 2010	3
MATH 1050	4		DIST	6
BIOL 1610	4		Total	15
BIOL 1615	0			
Total	15			
2nd Fall Semester			2nd Spring Semester	
BTEC 2020	3		BTEC 2030	2
CHEM 1210	4		BTEC 2040	3
CHEM 1215	1		CHEM 1220	4
CHOICE	3		CHEM 1225	1
AM INST	3		DIST	6
HLAC	1		Total	16
Total	15			

ASSOCIATE OF APPLIED SCIENCE^{CTE} (AAS) DEGREE IN BIOTECHNOLOGY

(minimum 64 credit hours required)

GENERAL EDUCATION REQUIREMENTS (15-16 CREDITS)

COMPOSITION (3 CREDITS)

ENGL 1010	Introduction to Writing	3	A	WRTG 0990 or placement score

QUANTITATIVE LITERACY (4 CREDITS)

MATH 1010	Intermediate Algebra	4	A	Math 0990 and RDG 0900 w/C or 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 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)

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 (49 CREDITS)

MAJOR COURSE REQUIREMENTS (49 CREDITS)				PREREQUISITES
COURSE		CR	SEM	
BTEC 1010	Intro to Biotechnology	3	F/Sp	MATH and RDG 0990 w/C or better (or equivalent placement)
BTEC 1015	Intro to Biotechnology Lab	1	F/Sp	MATH and RDG 0990 w/C or better (or equivalent placement)

BTEC 1030	Biotechnology Seminar	2	Sp	BTEC 1010 and BTEC 1015 with w/C or better in both
BTEC 1060	Nuc Acid Prot Bchm	2	Sp	BTEC 1010 and BIOL 1610
BTEC 1080	Biotechnology Experience	3	A	BTEC 1010 and BTEC 1015 with w/C or better in both
BTEC 2010	Applied Molecular Biology	3	F/Sp	BTEC 1010, BTEC 1015, and BIOL 1610 w/C or better in all
BTEC 2020	Biomolec Sep and Analysis	3	F	BTEC 2010 w/C or better
BTEC 2030	Cell Culture	2	F/Sp	BTEC 2010 w/C or better
BTEC 2040	Adv Molecular Methods	3	Sp	BTEC 2010 w/C or better
BTEC 2050	Bioinformatics	2	F	BTEC 2010
BTEC 2100	Biotechnology Research	4	A	BTEC 1080
BIOL 1610	Col Bio I (BS) + Lab (1615)	4	A	MATH and RDG 0990 w/C or better (or equivalent placement)
BIOL 2020	Cell Biology + Lab (2025)	4	F/Sp	BIOL 1610/1615 w/C or better
BIOL 2030	Genetics + Lab (2035)	4	F/Sp	BIOL 1610/1615 and Chem 1210 w/C or better
BIOL 2060	Microbiology + Lab (2065)	4	A	BIOL 1610/1615 w/C or better
CHEM 1110	Elem Chem	4	A	MATH 1010 or equiv
CHEM 1115	Elem Chem Lab	1	A	Concurrent with CHEM 1110

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 1210/1215 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 1220 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

Fall Semester			Spring Semester	
BTEC 1010	3		BTEC 1080	3
BTEC 1015	1		BTEC 1060	2
ENGL 1010	3		BTEC 2010	3
MATH 1010	4		CHEM 1110	4
BIOL 1610	4		CHEM 1115	1
BIOL 1615	0		BTEC 1030	2
COMM ELEC	3		TOTAL	18
TOTAL	15			
2nd Fall Semester			2nd Spring Semester	
BTEC 2020	3		BTEC 2040	3
BIOL 2020	4		LE 1220	3
BIOL 2025	0		DIST	3
BIOL 2060	4		BIOL 2030	4
BIOL 2065	0		BIOL 2035	0
BTEC 2050	2		BTEC 2100	4
BTEC 2030	2		TOTAL	17
TOTAL	15			

BRICK MASON TECHNOLOGY APPRENTICESHIP

SEE APPRENTICESHIPS SECTION.

BUILDING CONSTRUCTION/ CONSTRUCTION MANAGEMENT

(801) 957-4058

General Information (801) 957-4346

Academic Advisor CT 218 (801) 957-4550

www.slcc.edu/construction

Associate Professors: Curtis Barnett, Chad Fail, Ralph Tasker

Instructors: Boyd Johnson

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, cabinetmaking, 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 Associates Degree can be earned by fulfilling the listed 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

COURSE	CR	SEM	PREREQUISITES
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Intermediate Writing	3	A	ENGL 1010 w/C or better
OR			
ENGL 2100 Technical Writing	3	A	ENGL 1010 w/C or better
QUANTITATIVE LITERACY			
MATH 1060 Trigonometry	3	A	MATH 1050 w/C or better
AMERICAN INSTITUTIONS (CHOOSE ONE)			
ECON 1740 Econ History of the 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 and Politics	3	A	RDG 0990 w/C or better or appropriate placement

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS

HLAC	1	A	none

STUDENT CHOICE (3 CREDITS)

COMM1010 Intro to Comm	3	A	none
OR			
COMM1020 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).

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
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)

COURSE	CR	SEM	PREREQUISITES
ARCH 2060 Const Docm Fund	3	F	ARCH 1010 or instructor's approval
PHYS 2010 College Physics I	4	A	MATH 1060, w/PHYS 2015 w/PHYS 2010
PHYS 2015 Physics Lab I	1	A	none
BCCM 1010 Bldg Const Theory	3	F, Sp	none
BCCM 1150 Blueprint Reading	3	F, Sp	none
BCCM 2050 Concrete Theory	3	F, Sp	BCCM 1010 or ARCH 1210
BCCM 2200 Const Office Mgmt	3	A	All BCCM 1000 courses, except 1010, or equivalent experience.

BCCM 2210	Const Field Mngmt	3	A	All BCCM 1000 courses, except 1010, or equivalent experience.
BCCM 2240	Const Estimating	5	A	BCCM 1010 or equivalent
BCCM 2470	Bldg Codes/Zon	2	F, Sp	BCCM 1010
SVT 1030	Surveying Field Techn I	3	A	SVT 1010 or MATH 1060

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.

COURSE	CR	SEM	PREREQUISITES
ACCT 2010 Survey Fin Acct	3	A	none
ARCH 2210 Commercial Const	5	A	ARCH 1210 or BCCM 1010
ECON 2010 Microeconomics	3	A	none
ECON 2020 Macroeconomics	3	A	none
GEO 1110 Physical Geology	3	F	w/GEO 1115
OR			
GEO 1060 Environmental Geology	3	Sp	w/GEO 1065
MGT 2050 Legal Env Bus	3	A	BUS 1050

SAMPLE SCHEDULE			
1st FALL SEMESTER		1st SPRING SEMESTER	
BCCM 1010	3	BCCM 2050	3
BCCM 1150	3	ENGL 2010	3
ENGL 1010	3	OR	
MATH 1060	3	ENGL 2100	3
HLAC	1	DISTRIBUTION	6
AMERICAN INST	3	SVT 1030	3
TOTAL	16	TOTAL	15
2ND FALL SEMESTER		2ND SPRING SEMESTER	
ARCH 2060	3	BCCM 2210	3
BCCM 2200	3	BCCM 2240	5
BCCM 2470	2	DISTRIBUTION	9
PHYS 2010	4	TOTAL	17
PHYS 2015	1		
STUDENT CHOICE	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 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.

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN BUILDING CONSTRUCTION/CONSTRUCTION MANAGEMENT

(minimum 63 credits required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ENGL 1010 Intro to Writing	3	A	CPT placement
Any Communication (CM)	3	A	none
Any Human Relations (HR)	2-3	A	none
Distribution Elective	3	A	none

See pp. 23-27 for options in each of these categories.

DISTRIBUTION AREAS

Choose an additional three credits 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

COURSE	CR	SEM	PREREQUISITES
BCCM 1030 Const. Safety	2	F, Sp	none
BCCM 1045 Bgng Struct Const	4	F, Sp	none
BCCM 1100 Construction Math	3	A	none
BCCM 1145 Bgng Interior Finishes	4	F, Sp	none
BCCM 1150 Blueprint Reading	3	A	none
BCCM 1245 Bgng Cabinetmaking	4	A	none
BCCM 2045 Adv Structural Const	4	F, Sp	BCCM 1045
BCCM 2145 Adv Interior Finishes	4	F, Sp	BCCM 1145
BCCM 2200 Const Office Manage	3	A	All 1000 level required courses or equivalent experience
BCCM 2210 Const Field Manage	3	A	All 1000 level required courses or equivalent experience
BCCM 2235 Adv Cabinetmaking	4	A	BCCM 1245
BCCM 2240 Const Estimating	5	A	All 1000 level required courses or equivalent experience
BCCM 2470 Building Codes	2	A	All 1000 level required courses or equivalent experience
SVT 1030 Survey Field Tech	3		SVT 1100 or MATH 1060
Electives	3		

ELECTIVES

(CHOOSE A MINIMUM OF 3 CREDITS)

COURSE	CR	SEM	PREREQUISITES
BCCM 1010 Bldg. Const Theory	3	F, Sp	none
BCCM 1200 Personal Projects	7	A	none
SVT 1010 Intro to Surveying	1	F	none

SAMPLE SCHEDULE

1st FALL SEMESTER		1st SPRING SEMESTER	
BCCM 1030	2	BCCM 1145	4
BCCM 1045	4	BCCM 1150	3
BCCM 1100	3	BCCM 2145	4
BCCM 2045	4	HR COURSE	3
TOTAL	13	DEPT ELEC	3
		TOTAL	17
2ND FALL SEMESTER		2ND SPRING SEMESTER	
BCCM 1245	4	BCCM 2200	3
BCCM 2235	4	BCCM 2210	3
ENGL 1010	3	BCCM 2240	5
DIST ELEC	3	BCCM 2470	2
SVT 1030	3	CM COURSE	3
TOTAL	17	TOTAL	16

BUILDING CONSTRUCTION^{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 218

BCCM Department - (801) 957-4087

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.

MAJOR COURSE REQUIREMENTS AND ELECTIVES

COURSE	CR	SEM	PREREQUISITES
ARCH 1310 Intro to AutoCAD	3	A	none
OR			
EDDT 1040 Intro to AutoCAD	3	A	none
BCCM 1100 Construction Math	3	A	none
BCCM 1225 Beg Woods&Millwrk	4	A	none
BCCM 1245 Beging Cabinetmaking	4	A	none
BCCM 2120 Furniture Technology	3	F, Sp	none
BCCM 2235 Adv Cabinetmaking	4	A	BCCM 1245
BCCM 2435 Intrm Woods&MillwrkLab	4	A	BCCM 1225

RECOMMENDED SEQUENCING OF COURSES

FIRST SEMESTER			SECOND SEMESTER		
BCCM 1225	4		BCCM 1100	3	
BCCM 1245	4		BCCM 2120	3	
BCCM 2325	4		BCCM 2435	4	
TOTAL	12		ARCH 1310	3	
			OR		
			EDDT 1040	3	
			TOTAL	13	

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 communication, business management, computer information systems, economics, finance and credit, 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 2 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 pre-requisite for CIS 2010. Students who wish to challenge the exam for CIS 1020 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 grade 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 ISYS 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 1100, 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 application deadlines. The minimum GPA to apply is 3.0 but the typical GPA of recently admitted students is a 3.8 in the Pre-Management 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 a 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 information, 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 or 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 Westminster toward the English general education requirement. Minimum GPA of 2.3 is required. The general education diversity (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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Intermed Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1050 College Algebra	4	A	MATH 1010 w/C or CPT placement
OR			
MATH 1090 College Alg Bus	3	A	MATH 1010 w/C or CPT placement
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

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).

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

BUSINESS

Humanities: PHIL 1000 or PHIL 2350 (was HUMA 2350) for the University of Utah.

Interdisciplinary: except BUS 1050.

Interdisciplinary: ANTH or SOC for the University of Utah

Social Sciences: PSY or SOC for the University of Utah, PSY or

SOC 1010 for Utah State University and Southern Utah University.

See pp. 23-27 for options in each of these categories.

*Note: Each 4-year school has specific distribution requirements. (See pages 115-116).

MAJOR COURSE REQUIREMENTS

COMPLETE EITHER OPTION 1 OR 2:

OPTION 1

*ACCT 1110 Financial Acct I 3 A none

AND

*ACCT 1120 Financial Acct II 3 A ACCT 1110

OR

OPTION 2

*ACCT 2010 Survey Fin Acct 3 A none

*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:

COURSE	CR	SEM	PREREQUISITES
ACCT 2020 Managerial Acct	3	A	ACCT 1110 or ACCT 2010, CIS 1020 or competency
BUS 1050 Foundations of Bus	3	A	none
BUS 1100 Calculus for Bus	3	A	MATH 1050 or MATH 1090
CIS 2010 BusCmpProfDatabase	3	A	CIS 1020 or Challenge Exam
ECON 2010 Microeconomics	3	A	none
ECON 2020 Macroeconomic	3	A	none
MGT 2040 Bus Statistics I	4	A	FIN 1380 or MATH 1010, BUS 1050, CIS 1020 or competency
**LANG1020 Foreign Lang	5	A	LANG 1010

**COMPLETE ONE OF THE FOLLOWING LANGUAGES:

ASLI 1020, CHI 1020, FRN 1020, GER 1020, ITL 1020, JPN 1020, POR 1020, RUS 1020, SPN 1020, or any language 1020.

**Students who want to earn a BA degree after transfer from SLCC are advised to take a language that the chosen school offers as upper-division to meet the BA language requirement. Not all colleges and universities offer all languages; consult with the chosen school's language department.

ADDITIONAL TRANSFER REQUIREMENTS

Additional transfer requirements beyond the AA/AS degrees that may be taken at SLCC before transferring to Utah State University, Southern Utah University and Utah Valley University.

COURSE	CR	SEM	PREREQUISITES
BUS 2200 Bus Communications	3	A	ENGL 1010 w/C or better

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ACCT	1110	3	(ACCT	1120	3)
	OR		ACCT	2020	3
ACCT	2010	3	BUS	1100	3
BUS	1050	3	ENGL	2010	3
COMM	1020	3	AMERICAN INST		3
ENGL	1010	3	DISTRIBUTION		12
MATH	1050	4	TOTAL		15-18
	OR				
MATH	1090	3			
HLAC		1			
TOTAL		16-17			
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CIS	2010	3	ECON	2020	3
ECON	2010	3	DISTRIBUTION		12
LANG	1020	5	TOTAL		15
MGT	2040	4			
DISTRIBUTION		3			
TOTAL		18			

ASSOCIATE OF SCIENCE DEGREE IN BUSINESS

(minimum 62 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
QUANTITATIVE LITERACY			
MATH 1050 College Algebra	4	A	MATH 1010 w/C or better or CPT score
	OR		
MATH 1090 College Alg Bus	3	A	MATH 1010 w/C or better or CPT score
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

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).

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

Humanities: PHIL 1000 or PHIL 2350 for the University of Utah.

Interdisciplinary: except BUS 1050.

Interdisciplinary: ANTH or SOC for the University of Utah.

Social Sciences: PSY or SOC for the University of Utah, PSY 1010 or SOC 1010 for Utah State University.

See pp. 23-27 for options in each of these categories.

*Note: Each 4-year school has specific distribution requirements. (See pages 115-116)

MAJOR COURSE REQUIREMENTS**COMPLETE EITHER OPTION 1 OR 2:****OPTION 1**

*ACCT 1110 Financial Acct I	3	A	none
AND			
*ACCT 1120 Financial Acct II	3	A	ACCT 1110

OR**OPTION 2**

*ACCT 2010 Survey Fin Acct	3	A	none

***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:

COURSE	CR	SEM	PREREQUISITES
ACCT 2020 Managerial Acct	3	A	ACCT 1110 or ACCT 2010, CIS 1020 or competency
BUS 1050 Foundations of Bus	3	A	none
BUS 1100 Calculus for Bus	3	A	MATH 1050 or MATH 1090
CIS 2010 BusCmpProfDatabase	3	A	CIS 1020 or comp
ECON 2010 Microeconomics	3	A	none
ECON 2020 Macroeconomic	3	A	none
MGT 2040 Bus Statistics I	4	A	FIN 1380 or MATH 1010, BUS 1050, CIS 1020 or competency
MGT 2050 Legal Env Bus	3	A	BUS 1050

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:

COURSE	CR	SEM	PREREQUISITES
BUS 2200 Bus Communications	3	A	ENGL 1010 w/C or better

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ACCT 1110	3		(ACCT 1120	3)	
OR			ACCT 2020	3	
ACCT 2010	3		BUS 1100	3	
BUS 1050	3		ENGL 2010	3	
COMM 1020	3		AMERICAN INST	3	
ENGL 1010	3		DISTRIBUTION	3	
MATH 1050	4		TOTAL	15-18	
OR					
MATH 1090	3				
HLAC	1				
TOTAL	16-17				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CIS 2010	3		ECON 2020	3	
ECON 2010	3		MGT 2050	3	
MGT 2040	4		DISTRIBUTION	9	
DISTRIBUTION	6		TOTAL	15	
TOTAL	16				

BUSINESS ADMINISTRATION, BS

SEE UNIVERSITY CENTER.

BUSINESS MANAGEMENT

Business Building 105 (801) 957-4325

General Information (801) 957-4073

Academic Advisor BB 132A (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, manager-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/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 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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE STUDIES			
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
COMMUNICATION			
BUS 2200 Bus Communications	3	A	ENGL 1010 w/C or better
HUMAN RELATIONS			
MKTG 1960 Prof in Business	3	A	none
DISTRIBUTION AREAS			
Choose an additional six credit hours from 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: except BUS 1050.

Humanities: PHIL 1000 or PHIL 2350 is required for transfer to the U of U.

Interdisciplinary: ANTH 1010 is required for transfer to the U of U.

Social Science: PSY 1010 or SOC 1010 is required for transfer to the U of U, USU, SUU.

See pp. 23-27 for options in each of these categories.

*Note: Each 4-year school has specific distribution requirements. (See pages 115-116)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ACCT 2010 SurveyFinAcct	3	A	none
ACCT 2020 Managerial Actg	3	A	ACCT 1110 or ACCT 2010, CIS 1020 or comp
BUS 1050 Foundations of Bus	3	A	none
ECON 2020 Macroeconomic	3	A	none
MGT 1020 Intro to Dist Sys	3	A	none
MGT 2020 Entrepreneurship	3	A	ACCT 2020, BUS 1050, MKTG 1030
MGT 2040 Bus Statistics I	4	A	FIN 1380 or MATH 1010, BUS 1050, CIS 1020 or competency
MGT 2050 Legal Env of Bus	3	A, Sp	BUS 1050
MGT 2070 Human Res Mg	3	F	BUS 1050
MGT 2080 Employment Law	3	Sp	BUS 1050
MGT 2500 Strat Mgmt Princ	3	Sp	BUS 2200, MKTG 2070
MGT 2600 Intl Trade Bus	3	Sp	BUS 1050 or ECON 2020
MGT 2950 Entrepreneur Forum	1	F	none
MGT 2960 Entrepreneur Forum	1	F	none
MKTG 1030 Intro to Mktg	3	A	none
BUS — Electives	6		

ELECTIVES (6 CREDITS)

ACCT 2520 Federal Inc Tax	3	F	ACCT 1120 or ACCT 2010
BUS 1040 Ethics at Work	3	F, Sp	none
ECON 2100 Labor Econ	3	F, Sp	ECON 2010, ECON 2020
ECON 2400 Inter Econ/Fin	3	F	ECON 2010, ECON 2020
FIN 2210 Principles of Bus Credit	2	A	ACCT 1110 or ACCT 2010
FIN 2950 Exec Lectures	1	Sp	none
MATH 1050 College Algebra	4	A	MATH 1010
MATH 1090 Coll Algebra Bus	3	A	MATH 1010
MGT 1600 Mgmt Essentials	3	A	none
MGT 2000 CO-OP	1-3	TBA	2nd year/approval
MGT 2350 Bus Stat II	3	A	MGT 2040, MATH 1090 or MATH 1050
MGT 2990 Current Topics	1-3	TBA	variable

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ACCT 2010	3		ACCT 2020	3	
BUS 1050	3		ECON 2020	3	
ENGL 1010	3		FIN 1380	3	
MGT 1020	3		MKTG 1030	3	
MKTG 1960	3		MGT 2600	3	
MKTG 2950	1		DISTRIBUTION	3	
TOTAL	16		TOTAL	18	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
BUS 2200	3		MGT 2050	3	
MGT 2020	3		MGT 2080	3	
MGT 2040	4		MGT 2500	3	
MGT 2070	3		ELECTIVES	6	
DISTRIBUTION	3		TOTAL	15	
TOTAL	16				

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN BUSINESS MANAGEMENT/ PRODUCTION OPERATIONS AND SUPPLY CHAIN MANAGEMENT EMPHASIS

(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

(18-19 CREDIT HOURS)

COURSE			CR	SEM	PREREQUISITES
ENGL 1010	Intro to Writing		3	A	Pre-test
MATH 1050	College Algebra		4	A	MATH 1010 or CPT scores
OR					
MATH 1090	College Alg Bus		3	A	MATH 1010 or CPT scores
BUS 2200	Business Comm		3	A	ENGL 1010 w/C or better
MKTG 1960	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 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: 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

COURSE			CR	SEM	PREREQUISITES
ACCT 2010	Survey Fin Acct		3	A	None
ACCT 2020	Managerial Acct		3	A	ACCT 2010, CIS 1020 or competency
BUS 1050	Foundations of Bus(ID)	3	A		None
BUS 1100	Applied Bus Calc	3	A		MATH 1050 or MATH 1090
CIS 2410	ADV Sprdst App	3	Sp		CIS 1020
MGT 2040	Bus Statistics I	4	A		FIN 1380 or MATH 1010, BUS 1050, CIS 1020 or competency
MGT 2050	Legal Env of Bus	3	A		BUS 1050
MGT 2350	Bus Statistics II	3	A		MGT 2040, MATH 1050 or MATH 1090
MGT 2700	Prod/Op Mgt	3	F		MATH 1050 or MATH 1090, MGT 2040, MGT 2350
MGT 2710	Stat Qual Con/Six Sig	3	F		MGT 2040, MGT 2350
MGT 2720	SpplyChnDesgn/Mgt	3	Sp		MGT 2700
MGT 2730	Lean Production	3	Sp		MGT 2700, MGT 2710
MGT 2740	Logistics & E-Bus	3	Sp		MGT 2700, MGT 2720

ELECTIVES

CHOOSE 6 CREDITS FROM THE FOLLOWING*

COURSE			CR	SEM	PREREQUISITES
MGT 1040	Business Ethics		3	F, Sp	none
MGT 2000	Co-Op		1-3	TBA	variable
MGT 2990	Special Topics		1-3	TBA	variable
MGT 2999	Current Topics		1-3	F, Sp	variable

* Elective courses should relate to operations and supply chain management. Suggested topics are Production/Operations Planning and Control, Project Management, Distribution Systems, Inventory Management, Economic Analysis, Work Design and Measurement, Mgt. of Automated Manufacturing System, Introduction to Enterprise Resource Planning (ERP).

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
BUS	2200	3	BUS	1050	3
ENGL	1010	3	MATH	1050	4
MKTG	1960	3	OR		
DISTRIBUTION		6	MATH	1090	3
TOTAL		15	MGT	2040	4
			MGT	2050	3
			CIS	2410	3
			TOTAL		16-17
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ACCT	2010	3	ACCT	2020	3
BUS	1100	3	MGT	2720	3
MGT	2350	3	MGT	2730	3
MGT	2700	3	MGT	2740	3
MGT	2710	3	ELECTIVES		6
TOTAL		15	TOTAL		18

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

COURSE			CR	SEM	PREREQUISITES
CORE SKILLS					
COMPOSITION					
ENGL 1010	Intro to Writing		3	A	pre-test
QUANTITATIVE STUDIES					
FIN 1380	Financial Math		3	A	MATH 0990 or CPT
COMMUNICATION					
BUS 2200	Bus Communications		3	A	ENGL 1010 w/C or better
HUMAN RELATIONS					
MKTG 1960	Prof in Business		3	A	none

DISTRIBUTION AREAS

Choose an additional six credit hours from 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: except BUS 1050, FIN 1050.

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE			CR	SEM	PREREQUISITES
ACCT 2010	Survey Fin Acct		3	A	none
ACCT 2020	Managerial Actg		3	A	ACCT 1110 or ACCT 2010, CIS 1020 or comp
BUS 1050	Foundations of Bus (ID)		3	A	none
ECON 2010	Microeconomics		3	A	none
FIN 2040	Financial Mgmt		3	Sp	ACCT 2020
FIN 2210	Principles of Bus Credit		2	A	ACCT 1110 or ACCT 2010
MGT 1020	Intro to Dist Sys		3	A	none
MGT 2020	Entrepreneurship		3	A	BUS 1050, MKTG 1030, ACCT 2020
MGT 2040	Bus Statistics I		4	A	FIN 1380 or MATH 1010, BUS 1050, CIS 1020 or competency
MGT 2050	Lgl Env of Bus		3	A, Sp	BUS 1050

CHEMISTRY

MGT	2070	Hum Res Mgmt	3	F	BUS 1050
MGT	2080	Employment Law	3	Sp	BUS 1050
MKTG	1010	Cust Serv Tech	2	A	none
MKTG	1030	Intro to Mktg	3	A	none
MKTG	1480	Sales	3	Sp	none
BUS	—	Electives	4		

BUSINESS ELECTIVES (4 CREDITS)

COURSE	CR	SEM	PREREQUISITES
FIN 1050 Personal Finance	3	A	none
FIN 2950 Exec Lectures	1	Sp	none
LE 1220 Human Relation	3	A	none
MGT 1040 Business Ethics	3	F, Sp	none
MGT 1600 Mgmt Essentials	3	A	none
MGT 2000 CO-OP	1-3	TBA	2nd year/approval
MGT 2600 Intrntl Trd & Bus	3	Sp	BUS 1050 or ECON 2020
MGT 2950 Entrepreneur Forum	1	F	none
MGT 2960 Entrepreneur Forum	1	F	none
MGT 2990 Current Topics	1	TBA	variable
MKTG 1070 Promotion	3	F	MKTG 1030 or concurrent
MKTG 1300 Bus Presentations	2	F	CIS 1020 or comp

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
ACCT	2010 3	ACCT	2020 3
MKTG	1010 2	BUS	1050 3
ECON	2010 3	BUS	2200 3
ENGL	1010 3	MGT	1020 3
FIN	1380 3	MKTG	1960 3
MKTG	1030 3	TOTAL	15
TOTAL	17		
2ND FALL SEMESTER		2ND SPRING SEMESTER	
FIN	2210 2	FIN	2040 3
MGT	2070 3	MGT	2040 4
MGT	2020 3	MGT	2080 3
MGT	2050 3	MKTG	1480 3
DISTRIBUTION	3	DISTRIBUTION	3
BUS ELECTIVE	2	BUS ELECTIVE	2
TOTAL	16	TOTAL	18

CERTIFICATE OF COMPLETION/^{CTE} BUSINESS MANAGEMENT

(minimum 33 hours required)

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

COURSE	CR	SEM	PREREQUISITES
ACCT 2010 SurveyFinAcct	3	A	none
ACCT 2020 Managerial Actg	3	A	ACCT 1110 or ACCT 2010, CIS 1020 or comp
BUS 1050 Foundations of Bus	3	A	none
BUS 2200 Business Comm	3	A	ENGL 1010 w/C or better
ENGL 1010 Intro to Writing	3	A	pre-test
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
MGT 1020 Intro to Dist Sys	3	A	none
MKTG 1030 Intro to Mktg	3	A	none
MKTG 1960 Prof in Business	3	A	none
MGT 2070 Hum Res Mgmt	3	F	BUS 1050
BUS — Elective	3		

BUSINESS ELECTIVES (3 CREDITS)

COURSE	CR	SEM	PREREQUISITES
ACCT 2520 Federal Inc Tax	3	F	ACCT 1120 or ACCT 2010
ECON 2100 Labor Econ	3	F, Sp	ECON 2010, ECON 2020
ECON 2400 Inter Econ/Fin	3	F	ECON 2010, ECON 2020
FIN 2210 Principles of Bus Credit	2	A	ACCT 1110 or ACCT 2010
FIN 2950 Exec Lectures	1	Sp	none

MGT	1600	Mgmt Essentials	3	A	none
MGT	2000	CO-OP	1-3	TBA	2nd Yr/Approval
MGT	2040	Bus Stat I	4	A	BUS 1050, FIN 1380 or MATH 1010 and CIS 1020
MGT	2950	Entrepreneur Forum	1	F	none
MGT	2990	Current Topics	1-3	TBA	variable
MATH	1050	College Algebra	4	A	MATH 1010
MATH 1090	OR	Coll Algebra Bus	3	A	MATH 1010

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ACCT	2010	3	ACCT	2020	3
BUS	1050	3	BUS	2200	3
ENGL	1010	3	MGT	1020	3
FIN	1380	3	MGT	2070	3
MKTG	1030	3	MKTG	1960	3
			(BUS ELECTIVE)		3
TOTAL		15	TOTAL		18

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) 957-4073

Academic Advising SI 209 (801) 957-4858

www.slcc.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 classes 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;
4. A two-semester series of organic 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)

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
OR			
ENGL 2100 Tech Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
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 Govt & Politics	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

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.

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
Social Science (SS)	3	A	none

Physical Science is exempt; CHEM 1210 is required for the program

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (34 HOURS REQUIRED)

COURSE	CR	SEM	PREREQUISITES
CHEM 1210 Gen Chem I	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1215 Gen Chem Lab I	1	F, Sp	w/CHEM 1210
CHEM 1220 Gen Chem II	4	F, Sp	CHEM 1210, w/CHEM 1225
CHEM 1225 Gen Chem Lab II	1	Sp, Su	w/CHEM 1220
CHEM 2310 Organic Chem I	4	F, Sp	CHEM 1220, w/CHEM 2315
CHEM 2320 Organic Chem II	4	Sp, Su	CHEM 2310, w/CHEM 2325
CHEM 2315 Organ Chem Lab I	1	F, Sp	w/CHEM 2310
CHEM 2325 Organ Chem Lab II	1	Sp, Su	w/CHEM 2320
MATH 1220 Calculus II	4	A	MATH 1210

COMPLETE ONE OF THE TWO PHYSICS SEQUENCES:

SEQUENCE 1

PHYS 2010 College Physics I	4	A	MATH 1060, w/PHYS 2015
PHYS 2015 College Physics Lab I	1	A	w/PHYS 2010
AND			
PHYS 2020 College Physics I	4	A	PHYS 2010, w/PHYS 2025
PHYS 2025 College Physics Lab II	1	A	w/PHYS 2020

OR

SEQUENCE 2

'PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
'PHYS 2215 Physics f/Sci&Eng L I	1	A	w/PHYS 2210
AND			
'PHYS 2220 Physics f/Sci&Eng II	4	A	PHYS 2210
'PHYS 2225 Physics f/Sci&Eng LII	1	A	w/PHYS 2220

*Complete this sequence for U of U Chemistry major.

* **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			
FALL SEMESTER		SPRING SEMESTER	
CHEM 1210	4	CHEM 1220	4
CHEM 1215	1	CHEM 1225	1
ENGL 1010	3	ENGL 2010	3
MATH 1210	4	OR	
HLAC	1	ENGL 2100	3
STUDENT CHOICE	3	MATH 1220	4
TOTAL	16	AMERICAN INST	3
		TOTAL	15
2ND FALL SEMESTER		2ND SPRING SEMESTER	
CHEM 2310	4	CHEM 2320	4
CHEM 2315	1	CHEM 2325	1
PHYS 2010	4	PHYS 2020	4
AND		AND	
PHYS 2015	1	PHYS 2025	1
OR		OR	
PHYS 2210	4	PHYS 2220	4
AND		AND	
PHYS 2215	1	PHYS 2225	1
DISTRIBUTION	6	DISTRIBUTION	9
TOTAL	16	TOTAL	19

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

(minimum 63 hours required)

CHEMISTRY/PHYSICAL SCIENCE

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
QUANTITATIVE LITERACY			
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 Am Ntl Govt	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

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 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

COURSE	CR	SEM	PREREQUISITES
CHEM 1210 General Chem I	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1215 Gen Chem Lab I	1	F, Sp	w/CHEM 1210
CHEM 1220 General Chem II	4	Sp, Su	CHEM 1210, w/CHEM 1225
CHEM 1225 Gen Chem Lab II	1	Sp, Su	w/CHEM 1220
CHEM 2310 Organic Chem I	4	F, Sp	w/CHEM 2315
CHEM 2315 Organic Chem Lab I	1	F, Sp	w/CHEM 2310
CHEM 2320 Organic Chem II	4	Sp, Su	CHEM 2310, w/CHEM 2325
CHEM 2325 Organic Chem Lab II	1	Sp, Su	w/CHEM 2320
MATH 1220 Calculus II	4	A	MATH 1210
PHYS 2010 College Physics I	4	A	MATH 1060, w/PHYS 2015
AND			
PHYS 2015 College Physics Lab I	1	A	w/PHYS 2010
OR			
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
AND			
PHYS 2215 Physics f/Sci&Eng L.I	1	A	w/PHYS 2210

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CHEM	1210	4	CHEM	1220	4
CHEM	1215	1	CHEM	1225	1
ENGL	1010	3	ENGL	2010	3
MATH	1210	4	MATH	1220	3
HLAC		1	AMERICAN INST		3
STUDENT CHOICE		3	TOTAL		15
TOTAL		16			
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CHEM	2310	4	CHEM	2320	4
CHEM	2315	1	CHEM	2325	1
PHYS	2010	4	DISTRIBUTION		12
AND			TOTAL		17
PHYS	2015	1			
OR					
PHYS	2210	4			
AND					
PHYS	2215	1			
DISTRIBUTION		6			
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 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

COURSE	CR	SEM	PREREQUISITES
CHEM 1010 Intro to Chem	3	A	none
CHEM 1100 Prep Chem	3	A	none
CHEM 1110 Elem Chem	4	A	MATH 1010, w/CHEM 1115
CHEM 1115 Elem Chem Lb	1	A	w/CHEM 1110
CHEM 1120 Elem Bioorg	4	A	CHEM 1110, w/CHEM 1125
CHEM 1125 Elem Bioorg Chem Lb	1	A	w/ CHEM 1120
CHEM 1210 General Chem I	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1215 Gen Chem Lab I	1	F, Sp	w/CHEM 1210
CHEM 1220 General Chem II	4	Sp, Su	CHEM 1210, w/CHEM 1225
CHEM 1225 Gen Chem Lb II	1	Sp, Su	w/CHEM 1220
CHEM 2000 Chemistry Coop	2-4	A	Instructor's approval
CHEM 2310 Organ Chem I	4	F, Sp	CHEM 1220, w/CHEM 2315
CHEM 2315 Organic Chem Lab I	1	F, Sp	w/CHEM 2310
CHEM 2320 Organ Chem II	4	Sp, Su	CHEM 2310, w/CHEM 2325
CHEM 2325 Organic Chem Lb II	1	Sp,	w/CHEM 2320

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.

Taylorville Redwood Campus, TB 325E (801) 957-4130

General Information (801) 957-4073

Academic Advisor SC 240 (801) 957-4294

www.slcc.edu/communication

Professors: Carolyn Clark, Shirley Jones

Associate Professor: Art Kanehara, Julie Gay

Assistant Professors: Shirene Bell, Nick Burns, Roger Johnson, Jay Williams

Instructors: Tamra Phillips and Tyler Smith

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 of courses at all sites for day/evening availability and for modification 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 articulation information as early as possible to avoid taking classes that will not transfer.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

(minimum 63 hours required)

GENERAL EDUCATION REQUIREMENTS

A. CORE ACADEMIC SKILLS: (minimum of 12 credits)

- Composition
ENGL 1010 Introduction to Writing (EN)
ENGL 2010 Intermediate Writing (EN)
- Quantitative Literacy
Choose any Quantitative Reasoning (QL) course (3 credits)
Recommended: MTH 1030 (technology enhanced) or MTH 1040 (classroom or online).
- American Institutions (at least one of the following)
POLS 1100 US Government & Politics (AI)
HIS 1700 American Civilization (AI)
ECON 1740 Economic History of the U.S. (AI)

B. INSTITUTIONAL REQUIREMENTS: (minimum of 4 credits)

- Lifelong Wellness
HLAC any Lifelong Wellness
- Student Choice choose any; see list (3 credits)
COMM 1010 Elements of Eff. Comm. (CM, IN) (recommended)*
- Computer Literacy
A competency test poseidon.slcc.edu/-CIS1020/Challenge.html
OR
CIS 1020 Computer Essentials (CL)

DISTRIBUTION AREAS:

(minimum of 18 credits, no more than 3 credits from any single area)

Any	Humanities Course (COMM 1050 recommended)**
Any	Physical Science Course
Any	Biological Science Course
Any	Social Science Course
Any	Interdisciplinary Course
Any	Fine Arts Course

NOTE: COMM 1080, Conflict Management and Diversity (SS, DV) and COMM 2150, Intercultural Communication (ID, DV) fulfill the Institutional and General Education Requirements for those seeking AS and AAS degrees at SLCC.

* COMM 1010, Elements of Eff. Comm. (CM, IN) fulfills the Institutional Communication requirement and is recommended to Communication students because the theories and hands-on skills taught in the course are foundational for many other Communication courses.

**COMM 1050, Elem. of Human Comm. (HU) fulfills the Institutional Humanities requirement and is recommended to Communication students because the theories taught in this course are the foundation for the application taught in many other Communication courses.

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.)

Please Note: classes from "A. Required Core Courses" and "B. Required Courses" must total a minimum of 24 credits.

MASS COMMUNICATION ANY EMPHASIS

A. Required Core Courses:

14 credit hrs

COURSE	CR	SEM	PREREQUISITES
COMM 1500* Intro Mass Comm. (ID)	3	A	none
COMM 1800 Digital Media Essnt	4	A	none
COMM 1820 Media Content Manage	3	F, Sp	COMM/ART/FLM/ENGL 1800 or w/COMM/ART/FLM/ENGL 1800
COMM 2500* Elem of Digit Med (ID)	4	F, Sp	none

JOURNALISM EMPHASIS

B. Required Courses: (Choose One Track)

12-15 credit hrs

Print Journalism Track:

COURSE	CR	SEM	PREREQUISITES
COMM 1120 Princ of Interv	3	F, Sp	none
COMM 1610*† Jrn I: Rprtnng/Wrtng	3	F, Sp	ENGL 1010
COMM 1620 Jrn II: Editing	3	F, Sp	COMM 1610 or COMM 1130
COMM 1630 Jrn III: Layout/Dsgn	3	F, Sp	COMM/ART/FLM/ENGL 1800

Broadcast Journalism Track:

COURSE	CR	SEM	PREREQUISITES
COMM 1120 Princ of Interv	3	F, Sp	none
COMM 1130*† Rprtnng f/Mass Med	4	F, Sp	none
COMM 2200 Beg Video Prod	4	F, Sp	COMM/ART/FLM/ENGL 1800 pref

COMMUNICATION

COMM 2310	Inter Video Prod-News	4	F, Sp	COMM 2200 or approval and COMM 1130 pref

Radio Journalism Track:

COURSE		CR	SEM	PREREQUISITES
COMM 1120	Princ of Interv	3	F, Sp	none
COMM 1130*	Reprtn g f/Mass Med	4	F, Sp	none
COMM 1515	Basic Audio Production	3	F, Sp	none
COMM 1560	Radio Production	3	F, Sp	COMM1515 or permission of the instructor

MASS COMMUNICATION STUDIES EMPHASIS

B. Required Courses:

13-15 credit hrs

COURSE		CR	SEM	PREREQUISITES
COMM 1130*	Reprtn g f/Mass Med	4	F, Sp	none
OR				
COMM 1610*	Jrn I: Rprtn g/Wrtng	3	F, Sp	ENGL 1010
COMM 1515	Basic Audio Production	3	A	none
COMM 2200	Beg Video Prod	4	F, Sp	COMM/ART/FLM/ENGL 1800 pref
COMM 2440	Web Site Design	3	A	COMM/ART/FLM/ENGL 1800
OR				
COMM 2570	Intro to Vis Com	4	F, Sp	none

TV/VIDEO PRODUCTION EMPHASIS

(See Also "Video Production or Audio Production" Program.)

B. Required Courses:

15 credit hrs

COURSE		CR	SEM	PREREQUISITES
COMM 1515	Basic Audio Production	3	A	none
COMM 2200	Beg Video Prod	4	F, Sp	COMM/ART/FLM/ENGL 1800 pref
COMM 2310	Inter Video Prod-News	4	F, Sp	COMM 2200 or approval and COMM 1130 pref
COMM 2510	Adv Video Prod-Doc	4	F, Sp	COMM 2200 or FLM 1055 or approval

MEDIA & COMMUNICATION TECHNOLOGY EMPHASIS

B. Required Courses:

14 credit hrs

COURSE		CR	SEM	PREREQUISITES
COMM 2400	Web 2.0 Tools & Strategies	3	F, Sp	none
COMM 2440	Web Site Design	3	A	COMM/ART/FLM/ENGL 1800
COMM 2525	Web Site Promotion	4	F, Sp	COMM/ART 2440
COMM 2570	Intro to Vis Com	4	F, Sp	none

MASS COMMUNICATION ELECTIVES FOR ALL EMPHASES:

Number of credits needed will vary based on emphasis. The total minimum credits to graduate are 63.

COURSE		CR	SEM	PREREQUISITES
COMM 1020*	Prin/Public Spkg (CM, IN)	3	A	none
COMM 1120	Princ of Interv	3	F, Sp	none
COMM 1130*	Reprtn g f/Mass Med	4	F, Sp	none
COMM 1250	Intro to Perfrm Studies	3	F, Sp	none
COMM 1515	Basic Audio Production	3	F, Sp	none
COMM 1560	Radio Production	3	F, Sp	COMM1515 or permission of the instructor
COMM 1620	Jrn II: Editing	3	F, Sp	COMM 1610 or 1130
COMM 1630	Jrn III: Layout/Dsgn	3	F, Sp	COMM/ART/FLM/ENGL 1800
COMM 2000	Comm CO-OP/Intern	2-4	A	approval
COMM 2200	Beg Video Prod	4	F, Sp	COMM/ART/FLM/ENGL 1800 pref
COMM 2300	Intro to Pub Rel	3	Sp	none
COMM 2310	Inter Video Prod-News	4	F, Sp	COMM 2200 or approval and COMM 1130 pref
COMM 2400	Web 2.0 Strategies	3	F, Sp	none

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 appr
COMM 2525	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	Advert Media & Sales	3	F, Sp	none
COMM 2990	Second Year Proj	4	A	COMM 2200 or COMM 1560 approval
JRN 2000	Jrn CO-OP/Internship	A		COMM/ART/FLM/ENGL 1800
ART 1810	Inter Photoshop/Multimed	2	F, Sp	COMM/ART 2440
ART 2610	Multimedia Authoring	2	F, Sp	

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

FIRST SEMESTER				SECOND SEMESTER			
COMM	1010 CM IN	3		COMM	1500	3	
MASS COMM	REQ.	3-4		MASS COMM	REQ.	3-4	
COMM	1800	4		LIFELG WLNS	(LW)	1	
MTH	1030	3		CIS	1020	3	
ENGL	1010	3		AM INSTITUT	(AI)	3	
TOTAL		16-18		DIST		3-4	
				Total		16-18	
THIRD SEMESTER				FOURTH SEMESTER			
ENGL	2010 (EN)	3		MASS COMM	REQ.	3-4	
MASS COMM	REQ	3-4		COMM	2500	4	
COMM	1820	3		DIST		3-4	
DIST		3-4		DIST		3-4	
DIST		3-4		MASS COMM	ELECT	3-4	
TOTAL		15-18		TOTAL		16-20	

* 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.

COURSE		CR	SEM	PREREQUISITES
COMM 1020*	Prin/Public Spkg (CM, IN)	3	A	none
COMM 1270*	Analysis of Argument	3	F, Sp	none
COMM 2110*	Interpers Comm (ID, HR)	3	F, Sp	none

B. Speech Communication Choices

6-10 credits—2-4 courses—chosen from the following:

COMM 1080	Conflict Mngt/Divers (SS, DV)	3	F, Sp	none
COMM 1120	Principles of Interviewing	3	F, Sp	none
COMM 2000	Comm CO-OP/Internship	2-4	A	none
COMM 2120	Small Group Communication	3	F, Sp	none
COMM 2150	Intercultural Comm (ID, DV)	3	A	none
COMM 2170	Organizational Comm	3	F, Sp	none
COMM 2020	Persuasion	3	F, Sp	none

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.

SAMPLE SCHEDULE - SPEECH COMMUNICATION					
FIRST SEMESTER			SECOND SEMESTER		
COMM	1010 CM IN	3	COMM	1500	3
MASS COMM	REQ.	3-4	MASS COMM	REQ.	3-4
COMM	1800	4	LIFELG WLNS	(LW)	1
MTH	1030	3	CIS	1020	3
ENGL	1010	3	AM INSTITUT	(AI)	3
TOTAL		16-18	DIST		3-4
			Total		16-18
THIRD SEMESTER			FOURTH SEMESTER		
ENGL	2010 (EN)	3	MASS COMM	REQ.	3-4
MASS COMM	REQ	3-4	COMM	2500	4
COMM	1820	3	DIST		3-4
DIST		3-4	DIST		3-4
DIST		3-4	MASS COMM	ELECT	3-4
TOTAL		15-18	TOTAL		16-20

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.

The Department offers the following:

Associate of Science transfer degree

Associate of Applied Science Degree in Computer Information Systems with emphasis in Computer Programming and Design

Associate of Applied Science Degree in Computer Information Systems with emphasis in Web Programming and Development

Associate of Applied Science Degree in Computer Information Systems with emphasis in Database Design, Management and Administration.

Certificate of Completion in Business and Personal Computing.

The Computer Information Systems associate degree 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 granting business programs.

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 human values and ethics.

These programs prepare 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 3.0 grade or higher. In addition, students must maintain a 2.5 cumulative grade point average 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*

(minimum 62 hours required)

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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro To Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
QUANTITATIVE LITERACY			
*MATH 1210 Calculus I	4	A	MATH 1060 w/C or better or appropriate CPT score
*MATH 1220 or 1040 for Weber State University Transfer.			
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

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS			
HLAC —	1	A	none

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)	3-4	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 except CIS 1430.

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
*CIS 1030 Obj-Oriented Pro I	3	F, Sp	CIS 1020 or concurrent
*CIS 1130 Obj-Oriented Pro II	3	F, Sp	CIS 1030
CIS 1135 Obj-Ori Analy/Dsgn	3	F, Sp	CIS 1130 or concurrent
CIS 1430 Intern/HTML Fndtls	3	F	CIS 1020 or competency
CIS 2150 Comp Organization	3	F, Sp	CIS 1030 and CIS 1130 or concurrent
CIS 2350 UNIX/Linux	3	F, Sp	CIS 1020 or comp
or			
CIS 2730 C++Prog. w/Objects	3	F, Sp	CIS 1135
CIS 2420 Ntwk Hard Conf	3	F	CIS 1430
CIS 2430 Web Programming	3	F, Sp	CIS 1430
CIS 2600 Fund of DB Mgmt	3	F, Sp	CIS 1030 or concurrent

*CIS 1030 and CIS 1130 must be completed with a B grade or better.

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.

COURSE	CR	SEM	PREREQUISITES
CS 2450 Software Engineering	3	A	CIS 1135 & CIS 2730 or CIS 2350
CS 2430 Discrete Structures	3	Sp	CIS 1135 & CIS 2730 or CIS 2350
MATH 1210 Calculus I	3	A	MATH 1060 w/C or better
MATH 1040 Statistics	3	A	MATH 1010 w/C or better
or			
MATH 1220 Calculus II	3	A	MATH 1210 w/C or better

***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

FALL SEMESTER			SPRING SEMESTER		
CIS 1030	3		CIS 1130	3	
CIS 1430	3		CIS 1135	3	
ENGL 1010	3		CIS 2430	3	
STUDENT CHOICE	3		ENGL 2010	3	
DISTRIBUTION	6		MATH 1210	4	
TOTAL	18		TOTAL	16	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CIS 2420	3		CIS 2150	3	
CIS 2600	3		CIS 2350	3	
HLAC	1		or		
DISTRIBUTION	3-4		CIS 2730	3	
AMERICAN INST	3		DIST	9	
TOTAL	13-14		TOTAL	15	

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			
COMPOSITION			
ENGL 2100 Technical Wrtng	3	A	ENGL 1010 w/C or better

QUANTITATIVE STUDIES

MATH 1050 College Algebra	4	A	MATH 1010 w/C or better or appropriate CPT score
OR			
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

COURSE	CR	SEM	PREREQUISITES
BUS 2200 Bus Communications	3	A	ENGL 1010 w/C or better
*CIS 1030 Obj-Oriented Pro I	3	F, Sp	CIS 1020 or concurrent
*CIS 1130 Obj-Oriented Pro II	3	F, Sp	CIS 1030
CIS 1135 Obj-Ori Analy/Dsgn	3	F, Sp	CIS 1130 or concurrent
CIS 1430 Intern/HTML Fndtls	3	F	CIS 1020 or competency
CIS 1520 Operating Systems	3	F, Sp	CIS 1020 or competency
CIS 2150 Comp Organization	3	F, Sp	CIS 1030 and CIS 1130 or concurrent
CIS 2600 Fund of DB Mgmt	3	F, Sp	CIS 1030 or concurrent
CIS 2730 C++ Prog w/Objs	3	F, Sp	CIS 1135 or concurrent
CIS 2760 Java I	3	F, Sp	CIS 1135 or Concurrent
CIS 2800 Bus Sys Design	3	F, Sp	CIS 2600, and CIS 2760 or CIS 2730

*CIS 1030 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 2010 BusCompProf 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 1520
CIS 2550 Data Base Prog	3	F, Sp	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 1380 Financial Math	3	A	MATH 0990 or CPT
MKTG 1030 Intro to Mktg	3	A	none
MKTG 1050 Consumerism	3	A	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CIS 1520	3		CIS 1130	3	
CIS 1030	3		CIS 1135	3	
CIS 1430	3		CIS ELECTIVE	3	
CIS ELECTIVES	3		COMM 1010	3	
MATH 1050	3		DISTRIBUTION	6	
OR			TOTAL	15-16	
MATH 1090	3-4				
TOTAL	17				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CIS 2600	3		BUS 2200	3	
CIS 2760	3		CIS 2150	3	
CIS ELECTIVES	6		CIS 2730	3	
MKTG 1010	2		CIS 2800	3	
ENGL 2100	3		CIS ELECTIVE	3	
TOTAL	17		TOTAL	15	

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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Wrtnng	3	A	pre-test
QUANTITATIVE STUDIES			
MATH 1010 Intrmd Algebra	4	A	MATH 0990 w/C or better or appropriate CPT score
OR			
FIN 1380 Financial Math	3	A	MATH 0990 w/C or better or appropriate CPT score
COMMUNICATION			
COMM1010 Elem of Eff Comm	3	A	none
HUMAN RELATIONS			
MKTG 1010 Customer Serv	2	A	none
OR			
MKTG 1960 Profsnlsm in Bus	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 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 1010.

See General Education section for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ACCT 1110 Financial Acct I	3	A	none
ART 1800 Digital Media Essentials	4	A	none
ART 1810 Intern Photshp/Multimed	2	A	ART 1800
*CIS 1030 Obj-Oriented Pro I	3	F, Sp	CIS 1020 or comp
*CIS 1130 Obj-Oriented Pro II	3	F, Sp	CIS 1030
CIS 1430 Intern/HTML Fndtls	3	F	CIS 1020 or competency
CIS 1555 SQL Programming	3	F, Sp	CIS 1020 1055 or comp or concurrent
CIS 2150 Computer Organization	3	F, Sp	CIS 1130
CIS 2350 UNIX/Linux	3	F, Sp	CIS 1020 or comp
CIS 2420 Ntwk Hard Conf	3	Sp, F	CIS 1430
CIS 2430 Web Programming	3	Sp	CIS 2420
CIS 2470 JSP, Java Servlets	3	F, Sp	concurrent w/CIS 1135
MGT 1100 Small Business Mgmt	3	A	CIS 2430 and CIS 1030
ELECTIVES (8 CREDITS)			
CIS 1055 Database Design & Proc	3	F, Sp	CIS 1020
CIS 1135 Obj-Oriented Analys/Design	3	A	CIS 1130
CIS 1520 Operating Systems	3	A	none
CIS 2600 Fund of Database Mgt	3	A	CIS 1030
CIS 2650 Oracle	3	F, Sp	CIS 2010
CIS 2990 Special Topics	1-3	A	none
ART 2140 Advanced Photoshop	2	A	ART 1360 or ART 1810 or ART 2340
ART 2610 Multimedia Authoring	2	A	ART 2440

*CIS 1030 and CIS 1130 must be completed with a B or better.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ACCT	1110	3	CIS	1130	3
CIS	1030	3	CIS	2430	3
CIS	1430	3	ART	1800	3
CIS	1555	3	COMM	1010	3
MATH	1010	4	MKTG	1960	3
OR			OR		
FIN	1380	3	MKTG	1010	2
TOTAL		15-16	TOTAL		14-15
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CIS	2350	3	MGT	1100	3
CIS	2420	3	ELECT		5
CIS	2470	3	ENGL	1010	3
ART	1810	2	CIS	2150	3
ELECT		3	DISTRIBUTION		3
DISTRIBUTION		3	TOTAL		17
TOTAL		17			

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN COMPUTER INFORMATION SYSTEMS/DATABASE DESIGN, MANAGE- MENT & 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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE STUDIES			
MATH 1010 Intern Algebra	4	A	MATH 0990 w/C or better or appropriate CPT score
OR			
FIN 1380 Financial Math	3	A	MATH 0970 w/C or better or appropriate CPT score
COMMUNICATION			
COMM1010 Elem of Eff Comm	3	A	none
HUMAN RELATIONS			
MKTG 1960 Profess in Bus	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 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

COURSE	CR	SEM	PREREQUISITES
CIS 1030 Obj-Oriented Pro I	3	F, Sp	CIS 1020 or concurrent
CIS 1055 Fund of DB Design	3	A	CIS 1020 or comp
CIS 1430 Intern/HTML Fndtls	3	F	CIS 1020 or competency
CIS 1555 SQL Programming	3	F, Sp	CIS 1055 or concurrent
CIS 2010 BusCompProf DBase	3	A	CIS 1020 or comp or Challenge exam
CIS 2350 UNIX/Linux	3	F, Sp	CIS 1020 or comp
CIS 2410 Adv Sprdst App	3	Sp	CIS 1020 or comp or Challenge exam
CIS 2430 Web Programming	3	Sp	CIS 2420
CIS 2550 Data Base Prog	3	F, Sp	CIS 1030, CIS 1250, CIS 2010
CIS 2600 Fund. Datab. Mgmt	3	F, Sp	CIS 1030 or concurrent
CIS 2650 Oracle Datab. Dev.	3	F, Sp	CIS 1555
MKTG 1010 Cust Serv Tech	2	A	none
ENGL 2100 Tech Writing	3	A	ENGL 1010 w/C or better

____ 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	1	F, Sp	none
CIS 2000 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 Mktg	3	A	none
MKTG 1050 Consumerism	3	A	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CIS	1030	3	CIS	1555	3
CIS	1055	3	CIS	1430	3
CIS	2010	3	COMM	1010	3
ENGL	1010	3	MKTG	1960	3
MATH	1010	4	ENGL	2100	3
OR		3	ELEC		3
FIN	1380	3	TOTAL		18
TOTAL		15-16			
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CIS	2600	3	CIS	2350	3
CIS	2550	3	CIS	2410	3
MKTG	1010	2	CIS	2430	3
DIST		6	CIS	2650	3
TOTAL		14	ELECTIVES		4
			TOTAL		16

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

COURSE	CR	SEM	PREREQUISITES
*CIS 1070 Living in a Digital World	3	F, Sp	none
CIS 1430 Intern/HTML ttt	3	F	CIS 1020 or competency
CIS 1520 Operating Systems	3	F, Sp	CIS 1020 or comp
CIS 2010 BusCompProf DBase	3	F, Sp	CIS 1020 or comp or Challenge Exam
CIS 2410 Adv Sprdst App	3	Sp	CIS 1020 or comp
BUS 1050 Foundations of Business	3	F, Sp	Concur w/ENGL1010
FIN 1050 Personal Finance	3	F, Sp	
CS 1030 Connected Computing	3	F, Sp	

CHOOSE ONE OF THE FOLLOWING

CS 1031 Open Srce Windows Dsktp	1	F, Sp	CIS 1030 concurrent
CS 1032 Open Srce Linux Desktop	1	F, Sp	CIS 1030 concurrent
CS 1033 Open Srce Mac Desktop	1	F, Sp	CIS 1030 concurrent

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CIS	1070	3	BUS	1050	3
CIS	1430	3	CIS	2010	3
CIS	1520	3	CIS	2410	3
FIN	1050	3	FIN	1380	1
ENGL	1010	3	CS	1030	3
MKTG	1010	2	CS (31, 32, or 33)		1
TOTAL		17	TOTAL		16

COMPUTER SCIENCE

Computer Sciences and Information Systems

Taylorsville Redwood Campus, SI 205, (801) 957-4551

Academic Advisor SI 209 (801) 957-4858

www.cs.slcc.edu/cs

Associate Professors: Paul Anstall, Robert Baird

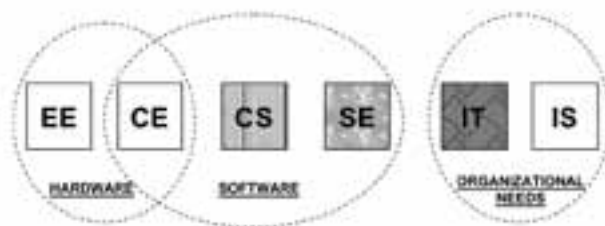
Assistant Professor: David Moss

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 1610/1615, 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 2010, 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 Bachelors 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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
OR			
ENGL 2100 Technical Wrtng	3	A	ENGL 1010
QUANTITATIVE LITERACY			
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 score
OR			
HIST 1700 Amer Civilization	3	A	RDG 0990 w/C or better or appropriate placement score
OR			
POLS 1100 Am Ntl Govt	3	A	RDG 0990 w/C or better or appropriate placement score

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS			
HLAC	1	A	none
*STUDENT CHOICE (3 CREDITS)			
COMM1010 Intro to Comm	3	A	none
OR			

COMM 1020 Princ of Pb Speaking 3 A none
OR
Depth Option

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 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

COURSE	CR	SEM	PREREQUISITES
CS 1030 Connected Computing	3	A	none
CS 1032 Open Source Linux Dsktp	2	A	w/CS 1030
CS 1400 Comp Science Fundmtls	3	A	w/CS 1030
CS 1405 Design and OO Method	1	A	w/CS 1400
CS 1410 Object Oriented Prgming	3	A	CS 1400
CS 1415 Practical OO Programming	1	A	w/CS 1410
CS 2420 Alghms & Data Structures	3	A	CS 1410
CS 2425 Code Analysis and Tuning	1	A	w/CS 2420
CS 2430 Discrete Structures	3	F, Sp	CS 2420
CS 2450 Software Engineering	3	F, Sp	CS 1410
CS 2860 Software Practicum	1	Sp	CS 2450, w/ Programming Elective

PROGRAMMING ELECTIVES

CHOOSE 3 CREDITS FROM THE FOLLOWING:

COURSE	CR	SEM	PREREQUISITES
CS 2510 InterProg DELPHI	3	Sp	CS 2420
CS 2520 InterProg in VB	3	Sp	CS 2420
CS 2530 InterProg in C#	3	F	CS 2420
CS 2540 InterProg in C++	3	F	CS 2420
CS 2550 Adv Java Prog	3	Sp	CS 2420

ELECTIVES

CHOOSE AT LEAST 4 CREDITS FROM THE FOLLOWING:

Any CS-prefixed class not previously counted in the degree

MATH 1220 Calculus II	4	A	MATH 1210
MATH 1040 Statistics	3	A	MATH 1010 and RDG 0990 w/C or better or appropriate placement
PHYS 2210 Phys F/Sci & Eng	1	4	A MATH 1210, w/PHYS 2215

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CS 1030	3		CS 1410	3	
CS 1032	2		CS 1415	1	
CS 1400	3		CS ELECT	4	
CS 1405	1		ENGL 2010	3	
ENGL 1010	3				
DIST	3		ENGL 2100	3	
TOTAL	15		MATH 1210	4	
			DISTRIBUTION	3	
			TOTAL	18	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CS 2420	3		CS 2430	3	
CS 2425	1		CS 2860	1	
CS 2450	3		CS ELECT	3	
AMER INST	3		CHOICE	3	
DISTRIBUTION	6		HLAC	1	
TOTAL	16		DISTRIBUTION	6	
			TOTAL	17	

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.

MISSION 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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE STUDIES			
MATH 1010 Interm Algebra	4	A	MATH 0990 & 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)	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

Note: It is recommended to take the core and specialization course in the same semester.

COURSE	CR	SEM	PREREQUISITES
CS 1030 Connected Computing	3	A	None
Specialization (select one course CS 1031-1039)	2-4		
CS 1110 Data Cabling Basics	3	F, S	None
CS 1120 Desktop Management	3	A	w/CS 1030
Specialization (select one course CS 1121-1129)	1-4		
CS 1130 Server Management	4	F, S	CS 1120/1200
Specialization (select one course CS 1131-1139)	2-4		

CRIMINAL JUSTICE

CS 1200 Protocol Mechanics	3	F, S	CS 1030
Specialization (select one course CS 1201-1209) 1-4			
CS 1250 Network Infrastructure I	3	F, S	CS 1200
Specialization (select one course CS 1251-1259) 1-4			
CS 2120 Wireless Networking	3	F	CS 1200
CS 2230 Database Servers	2	F, S	CS 1130
Specialization (select one course CS 2231-2239) 2-4			
CS 2240 Enterprise Mail/Web Services	2		CS 1130
Specialization (select one course CS 2241-2249) 2-4			
CS 2250 Implementing Virtualization2	S		CS 1130
Specialization (select one course CS 2251-2259) 2-4			
CS 2260 Network Infrastructure II	3	F	CS 1250
Specialization (select one course CS 2261-2269) 1-4			
CS 2760 Unified Comm	2	S	CS 2230/2240/2250
Specialization (select one course CS 2761-2769) 2-4			
CS 2870 Netwrk Eng Practicum	1	S	w/CS 2260/2760
ENGL 2100 Technical Writing*	3	A	ENGL 1010

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CS 1030	3		CS 1130	4	
CS 103x	2		CS 113x	2	
CS 1120	3		CS 1250	3	
CS 112x	1-3		CS 125x	1-2	
ENGL 1010	3		CS 1110		
CS 1200	3		ENGL 2100	3	
CS 120x	2		TOTAL	16	
TOTAL	17				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
MATH 1010	4		COMM	3	
CS 2230	2		HR	2-3	
CS 223x	2-3		AAS INST REQ	3-6	
CS 2240	2		CS 2760	2	
CS 224x	2-3		CS 276x	2-3	
CS 2250	2		CS 2260	3	
CS 255x	2-3		CS 226x	1-2	
CS 2120	3		CS 2870	1	
TOTAL	19		TOTAL	17	

COMPUTER SCIENCE, BS

SEE UNIVERSITY CENTER.

COMPUTER SUPPORT SPECIALIST (A+ CERTIFICATION)

SEE SCHOOL OF APPLIED TECHNOLOGY.

CONSTRUCTION MANAGEMENT TECHNOLOGY

SEE UNIVERSITY CENTER.

CRIMINAL JUSTICE

SEE ALSO UNIVERSITY CENTER.

Miller Campus

(801) 957-3930

General Information (801) 957-4073

www.slcc.edu/criminaljustice

Academic Advisor (801) 957-4550

Assistant Professor: John Hill

Instructor: John Minichino

THE PROGRAM

The criminal justice program is designed to provide students with a basic liberal education as well as offer students professional education in criminal justice. Students are encouraged to contact academic advising for transfer information.

Two degrees are offered in the program: an associate of science degree for students who plan to transfer to a four-year program and an associate of applied science degree for students who plan to go directly to work. Students should check with an advisor in selection of General Education and elective classes to coordinate with the appropriate career track at the transfer institution.

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 BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE IN CRIMINAL JUSTICE (minimum 64 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
QUANTITATIVE LITERACY			
MATH 1030 Quant Reas	3	A	MATH 1010 w/C or better
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

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS			
HLAC	1	A	none
STUDENT CHOICE (3 CREDITS)			
COMM 1010 Elem of Eff Comm	3	A	none

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)	3-4	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

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)

COURSE	CR	SEM	PREREQUISITES
CJ 1010 Criminal Justice	3-4	A	RDG 0990 w/C or better
CJ 1330 Criminal Law	3	A	CJ 1010
CJ 1340 Criminal Invest	3	A	CJ 1010, ENGL 1010, COMM 1010
CJ 1350 Intro to Forensic Sci	3	A	none
CJ 2350 Laws Evidence	3	A	CJ 1330
Electives	15		

ELECTIVES (15 CREDITS)

CJ 1300 Intro to Corrcrtns	3	F	CJ 1010 or approval
CJ 1360 Homeland Security	3	F	CJ 1010
CJ 1900 Special Studies	1-24	A	none
CJ 2000 CO-OP	2-4	F, Sp	CJ 1010, CJ 1330, CJ 1340, CJ 1350, CJ 2350

CJ 2020 CJ Supervision	3	F	CJ 1010
CJ 2060 Community Cor	3	F, Sp	CJ 1010
CJ 2110 Intro Security	3	F	CJ 1010
CJ 2130 Intro Comp Sec	3	Sp	CJ 1010
CJ 2260 Cont Prison/Jail	3	F, Sp	CJ 1010
CJ 2330 Juvenile Justice	3	F, Sp	none
CJ 2390 Traffic Law	3	Sp	none
CJ 2410 Intro Victimology	3	F, Sp	CJ 1010
CJ 2420 Homicide Investig	3	F, Sp	none
CJ 2430 Satanism/Cults	3	F, Sp	CJ 1010
CJ 2440 Organized Crime	3	F, Sp	CJ 1010
CJ 2450 Terrorism	3	F, Sp	CJ 1010
CJ 2460 Psych Profiling	3	F, Sp	CJ 1010
CJ 2470 Intro Criminology	3	F, Sp	CJ 1010
CJ 2480 Crime Scene Proc	3	F, Sp	CJ 1010
CJ 2490 Drug Trafficking	3	F, Sp	CJ 1010
CJ 2500 Contemp Violence	3	F, Sp	CJ 1010
CJ 2510 Criminal Behavior	3	F, Sp	CJ 1010
CJ 2520 Victim Issues	3	F, Sp	CJ 1010
CJ 2530 Police Patrol Tech	3	F, Sp	CJ 1010
CJ 2540 Careers in Law Enf	3	F, Sp	CJ 1010
CJ 2920 Special Topics in CJ	1-3	A	none
COMM 1020 Princpls of Pub Spk	3	A	none
COMM 1610 Reporting/Writing	3	F, Sp	ENGL 1010
ENGL 2100 Technical Wrtng	3	A	ENGL 1010
FIN 1050 Personal Finance	3	A	none
POLS 1110 State/Local Gov	3	Sp	none
SOC 1010 Intro to Sociology	3	A	none
SOC 2630 Ethnic Min	2	F, Sp	SOC 1010
SW 2280 Drug/AlcohAbs	2	F, Sp	SW 1010

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CJ 1010	3		CJ 1330	3	
COMM 1010	3		CJ 1350	3	
ENGL 1010	3		ENGL 2010	3	
MATH 1030	3		HLAC	1	
AMERICAN INSTI	3		DISTRIBUTION	6	
DISTRIBUTION	3		TOTAL	16	
TOTAL	18				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CJ 1340	3		DISTRIBUTION	6	
CJ 2350	3		ELECTIVES	9	
DISTRIBUTION	3		TOTAL	15	
TOTAL	15				

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN CRIMINAL JUSTICE

(minimum 69 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES

CORE SKILLS**COMPOSITION**

ENGL 1010 Intro to Writing	3	A	pre-test

QUANTITATIVE STUDIES

MATH 1010 Interm Algebra	4	A	MATH 0990 w/C or better

COMMUNICATION

COMM 1010 Elem of Eff Comm	3	A	none

HUMAN RELATIONS

LE 1220 Human Relation	3	A	none

DISTRIBUTION AREAS

Choose an additional three credit hours from 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

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CJ 1010 Criminal Justice	3	A	none
CJ 1330 Criminal Law	3	A	CJ 1010
CJ 1340 Criminal Invest	3	A	CJ 1010, ENGL 1010, COMM 1010
CJ 1350 Intro to Forensic Sci	3	A	none
CJ 2350 Laws Evidence	3	A	CJ 1330
Electives	35		

ELECTIVES (35 CREDITS)

CIS 1020 Comp Essentials	3	A	none
CJ 1300 Intro to Corrcrtns	3	F	CJ 1010 or approval
CJ 1360 Homeland Security	3	F	CJ 1010
CJ 1900 Special Studies	1-24	A	none
CJ 2000 CO-OP	2-4	A	CJ 1010, CJ 1330, CJ 1340, CJ 1350, CJ 2350

CJ 2020 CJ Supervision	3	F	CJ 1010
CJ 2060 Community Cor	3	F, Sp	CJ 1010
CJ 2110 Intro Security	3	F	CJ 1010
CJ 2130 Intro Comp Sec	3	Sp	CJ 1010
CJ 2260 Cont Prison/Jail	3	F, Sp	CJ 1010
CJ 2330 Juvenile Justice	3	F, Sp	none
CJ 2390 Traffic Law	3	Sp	none
CJ 2410 Intro Victimology	3	F, Sp	CJ 1010
CJ 2420 Homicide Investig	3	F, Sp	none
CJ 2430 Satanism/Cults	3	F, Sp	CJ 1010
CJ 2440 Organized Crime	3	F, Sp	CJ 1010
CJ 2450 Terrorism	3	F, Sp	CJ 1010
CJ 2460 Psych Profiling	3	F, Sp	CJ 1010
CJ 2470 Intro Criminology	3	F, Sp	CJ 1010
CJ 2480 Crime Scene Proc	3	F, Sp	CJ 1010
CJ 2490 Drug Trafficking	3	F, Sp	CJ 1010
CJ 2500 Contemp Violence	3	F, Sp	CJ 1010
CJ 2510 Criminal Behavior	3	F, Sp	CJ 1010
CJ 2520 Victim Issues	3	F, Sp	CJ 1010
CJ 2530 Police Patrol Tech	3	F, Sp	CJ 1010
CJ 2540 Careers in Law Enf	3	F, Sp	CJ 1010
CJ 2920 Special Topics in CJ	1-3	A	none
COMM 1020 Princpls of Pub Spk	3	A	none
ENGL 2100 Technical Wrtng	3	A	ENGL 1010
PLS 1190 Constitutional Law	3	TBA	none
POLS 1110 State/Local Gov	3	Sp	none
SOC 1010 Intro to Sociology	3	A	none
SOC 2630 Ethnic Min	2	F, Sp	SOC 1010
SW 2280 Drug/AlcohAbs	2	F, Sp	SW 1010

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CJ 1010	3		CJ 1330	3	
COMM 1010	3		CJ 1350	3	
ENGL 1010	3		DISTRIBUTION	3	
LE 1220	3		ELECTIVES	8	
MATH 1010	4		TOTAL	17	
TOTAL	16				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CJ 1340	3		ELECTIVES	15	
CJ 2350	3		DISTRIBUTION	3	
ELECTIVES	12		TOTAL	18	
TOTAL	18				

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) 957-4643

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 Program™. 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 Program™ where certificates are awarded for each ManageFirst Program™ exam passed. The ManageFirst Program™ 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 gradu-

ates 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 0950 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 900 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)

COURSE	CR	SEM	PREREQ
ENGL 1010 Intro to Writing (EN)	3	A	CPT placement
*Any (HR) Designated Course	2-3	A	none
**Any (CM) Designated Course	3	A	none
Distribution Area	3	A	none
(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)	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

COURSE	CR	SEM	PREREQ
CHEF 1110 Sanitation	3	A	none
CHEF 1120 Intro to Food Service	3	A	none
CHEF 1130 Management Marketing	3	A	none
CHEF 1210 Food and Beverage Srvc	3	A	none
CHEF 1250 Food Preparation	6	A	CHEF 1110 w/C or better
CHEF 1320 Business Math (QS)	3	A	none
CHEF 1350 Food Prep Lab	6	A	CHEF 1110 w/C or better
CHEF 1600 Herb Horticulture	1	A	none
CHEF 2410 Purchasing	3	A	none
CHEF 2420 Baking	3	A	CHEF 1110 w/C or better
CHEF 2460 Baking Lab	3	A	CHEF 1110 w/C or better
CHEF 2510 Continental Cuisine	3	A	CHEF 1110 w/C or better

CHEF	2520	Nutrition	3	A	none
CHEF	2560	Cont Cuisine Lab	3	A	CHEF 1110 w/C or better
CHEF	2610	Menu Design	3	A	none
CHEF	2620	Supervision Training	3	A	none

ELECTIVES (NOT REQUIRED FOR GRADUATION)

COURSE	CR	SEM	PREREQ
CHEF 1299 Special Studies	2-5	A	departmental approval
CHEF 1330 Foundation Wine	3		Prereq: 21 years of age minimum.
<i>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.</i>			
CHEF 2680 Catering Mngmnt	3	A	CHEF 1110 w/C or better
CTEL 1050 Leadership Lab	2		none

SAMPLE SCHEDULE

1st FALL SEMESTER			1st SPRING SEMESTER		
CHEF	1110	3	CHEF	1210	3
CHEF	1120	3	CHEF	1250	6
CHEF	1130	3	CHEF	1320	3
(HR) COURSE	1220	3	CHEF	1350	6
DIST ELECTIVE		3	TOTAL		18
TOTAL		15			
1st SUMMER SEMESTER			2nd FALL SEMESTER		
CHEF	1600	1	CHEF	2510	3
CHEF	2410	3	CHEF	2520	3
CHEF	2420	3	CHEF	2560	3
CHEF	2460	3	(CM) COURSE	2680	3
ENGL	1010	3	TOTAL		12
TOTAL		13			
2nd SPRING SEMESTER					
CHEF	2610	3			
CHEF	2620	3			
TOTAL		6			

CUSTOMER SERVICE RECEPTIONISTSEE **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 promoter, 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.

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 bloodborne 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:

DENTAL HYGIENE

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/CHEM1115 (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^{CTE} DEGREE IN DENTAL HYGIENE

(minimum 90 hours required)

ADMISSION PREREQUISITES

(WITH MINIMUM GRADE OF B WITHIN THE LAST 5 YEARS)

COURSE	CR	SEM	PREREQUISITES
BIOL 2060 Microbiology	4	A	BIOL 1610/1615 (C grade or better), concurrent w/ BIOL 2065 (lab)
BIOL 2065 Microbiology Lab	0	A	BIOL 1610/1615 (C grade or better), concurrent w/ BIOL 2060
BIOL 2320 Human Anatomy	4	A	BIOL 1610/1615 (C grade or better), concurrent w/ BIOL 2325 (lab)
BIOL 2325 Hu Anatomy Lab	0	A	BIOL 1610 (C grade or better), concurrent w/ BIOL 2320
BIOL 2420 Human Physiology	4	A	BIOL 1610/1615 (C grade or better), concurrent CHEM 1110/1115, w/BIO 2425 (lab)
BIOL 2425 Hu Physiology Lab	0	A	BIOL 1610/1615 (C grade or better), concurrent w/BIO 2420.

ADMISSION PREREQUISITES

(WITH MINIMUM GRADE OF C+ WITHIN THE LAST 5 YEARS)

COURSE	CR	SEM	PREREQUISITES
CHEM 1110 Elementary Chem	4	A	MATH 1010, w/ CHEM 1115
CHEM 1115 Element Chem Lb	1	A	w/ CHEM 1110

ADDITIONAL REQUIRED COURSES

(WITH MINIMUM GRADE OF C)

To be completed before starting the Dental Hygiene major course requirements:

COURSE	CR	SEM	PREREQUISITES
SOC 1010 Intro to Sociology	3	A	none
COMM1010 Intro to Comm	3	A	none
ENGL 1010 Intro to Writing	3	A	pre-test
HLTH 1020 Fndations of Nutr	3	A	none

MATH 1010	Interm Algebra	4	A	MATH 0990 w/C or better
PSY 1010	Gen Psychology	3	A	none

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
DH 1050 Dental Radiology	2	F	admission
DH 1060 Dental Radiology Lab	1	F	admission
DH 1100 Intro to Dent Hygiene	3	F	admission
DH 1110 Clinic Dent Hygiene	2	F	admission
DH 1140 Dental Materials	1	Sp	admission
DH 1150 Dental Matls Lb	1	Sp	admission
DH 1330 Head and Neck Anat	2	F	admission
DH 1340 Dental Anatomy	1	F	admission
DH 1350 Dnt Embry/Hist	1	F	admission
DH 1400 Dent Hyg Thy II	3	Sp	DH 1100
DH 1410 Clin Dent Hy II	3	Sp	DH 1110
DH 1540 Pharmacology	3	Sp	DH 1100
DH 1640 Patient/Special Needs	2	Sp	DH 1100
DH 2050 Gen & Oral Path	3	F	DH 1400, DH 1620
DH 2200 Dent Hyg Thy III	3	F	DH 1400
DH 2210 Clin Dent Hyg III	4	F	DH 1410
DH 2220 Com Dent Health	3	Sp	DH 1620
DH 2340 Local Anesthesia	2	F	DH 1540, w/DH 2341
DH 2341 Local Anesthes Lab	1	F	DH 1540, w/DH 2340
DH 2450 Periodontology I	2	F	DH 1410, DH 1620
DH 2600 Dent Hyg The IV	3	Sp	DH 2200
DH 2610 Clin Dent Hyg IV	5	Sp	DH 2210
DH 2850 Periodontology II	2	Sp	DH 2420

ELECTIVE

DH 1990	Dental Hygiene Study Abroad		Admission/Optional
DH 2010	Summer Clinical Dental Hygiene		Admission/Optional
DH 2990	Opt Board Revue	2	Su Admission/Optional

NOTE: DH 1010 is open to all students and is highly recommended to be taken before acceptance into the Dental Hygiene Program.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
DH 1050	2		DH 1140	1	
DH 1060	1		DH 1150	1	
DH 1100	3		DH 1400	3	
DH 1110	2		DH 1410	3	
DH 1330	2		DH 1540	3	
DH 1340	1		DH 1620	2	
DH 1350	1		TOTAL	13	
TOTAL	12				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
DH 2050	3		DH 2220	3	
DH 2200	3		DH 2600	3	
DH 2210	4		DH 2610	5	
DH 2340	2		DH 2850	2	
DH 2341	1		TOTAL	13	
DH 2450	2				
DH 2640	1				
TOTAL	15				

DEVELOPMENTAL EDUCATION

Professors: John Close, Paul Lerdahl, Don Merrill, Celestina Punzalan

Associate Professors: Judith Braun, George Ellington, Steffeny Fazzio, Mark Glines, Brent Green, Marianna Hopkins, Dean Huber, Rosemary Jamieson, Karen Johnsen, Carla Kulinsky, Rachel Lawyer, Cristin Longhurst, Katherine McIntyre, Carol Sieverts, Mildred Sparks, Candace Wignall, James Woodall

Assistant Professors: Alena Balmforth, Maria Griffith, Jerri Harwell, Laurie Paxton, T.C. Stuwe

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/evening/weekend availability and modifications caused by varying enrollment.

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES
DE 0910 Lang Arts for the Deaf	6	Sp	none
DE 1070 Begin Keyboarding	3	A	none
LE 1000 EPortfolios for Success	1	A	none
LE 1020 Ess of Colg Std	3	A	none
LE 1220 Hu Rel Car Dev	3	A	none
LE 1240 Tutor Certificatn	1	A	none
LE 1250 Effec Rev/Edit	2	F, Sp	Students should currently be involved in personal, academic or workplace writing projects.
LE 1260 Efficient Reading	3	A	Minimum score of 71 on CPT reading component or pass RDG 0990 with C grade or better.
LE 1310 Mind Mach Con	3	A	none

LE 1350 Values/Slf Img	3	A	none
LE 1360 Open Diverse Doors	3	A	none
LE 1900 Special Studies	1-3	A	none
MATH 0900 Basic Math	3	A	none
MATH 0920 Develop Math	6	A	none
MATH 0950 Pre Algebra Mth	3	A	C or better in MATH 0900 or an appropriate score on the CPT test.
MATH 0990 Elementary Alg	4	A	C grade or better in MATH 0920 or MATH 0950 or an appropriate score on the CPT test.
RDG 0900 Dev Reading	6	A	Appropriate score on CPT reading component.
RDG 0990 Advanced Read	3	A	Minimum score of 55 on CPT reading component or pass RDG 0900 with C grade or better.
WRTG 0900 Basic Compos	5	A	(continued) ACT score of 14-15 or CPT score of 40-59 or ESL 1010 and ESL 1020 w/C or better.
WRTG 0990 Col Prep Comp	3	A	ACT score of 16-19 or CPT score of 60-80 or WRTG 0900 w/C or better.

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 (801) 957-4074

Academic Advisor CT 218 (801) 957-4550

www.slcc.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} IN DIESEL SYSTEMS TECHNOLOGY

(minimum 66 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE STUDIES			
IND 1120 Math for Industry	3	F, Sp	none
COMMUNICATION			
CM	3	A	none
Any (CM) designated course (see page 23-27)			
HUMAN RELATIONS			
HR	3	A	none
Any (HR) designated course (see page 23-27)			

DISTRIBUTION AREAS

Choose an additional six credit hours from 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

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
WLD 1005 Related Welding	3	A	none
DST 1045 Sfty/Basic Dsl	4	F	none
DST 1065 Sfty/Basic Eng Perf	4	F	none
DST 1145 Prevent Maint Brake	4	F	none
DST 1165 Prevent Maint Elect	1	Sp	none
DST 1245 Drvtrains/Fluid Drvs	4	Sp	none
DST 1265 Drvtrains/Gear Drvs	4	Sp	none
DST 2045 Adv Eng&Electron	4	F	DST 1045
DST 2065 Adv Engine Perform	4	Sp	DST 1045, DST 1065, DST 2045,

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	CR	SEM	PREREQUISITES
DST 1020 Lt. Duty Diesel Mntc	3	A	None

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
DST	1045	4	DST	1165	4
DST	1065	4	DST	1245	4
DST	1145	4	DST	1265	4
IND	1120	3	CM COURSE		3
TOTAL		15	TOTAL		15
2ND FALL SEMESTER			2ND SPRING SEMESTER		
DST	2045	4	DST	2065	4
DST	2245	4	DST	2145	4
DST	2265	4	DST	2165	4
WLD	1005	3	DIST ELECT		3
HR COURSE		3	ENGL	1010	3
TOTAL		18	TOTAL		18

DIESEL SYSTEMS TECHNOLOGY

SEE APPRENTICESHIPS SECTION

EARLY CHILDHOOD EDUCATION

SEE FAMILY AND HUMAN STUDIES AND PRE-TEACHER EDUCATION.

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)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
QUANTITATIVE LITERACY			
MATH 1090 College AlgebraBus	3	A	MATH 1010 w/C or appropriate CPT score
OR			
MATH 1050 College Algebra	4	A	MATH 1010 w/C or appropriate CPT score
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 Civiliztn	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) (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)	3-4	A	RDG 0900 w/C or better
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
(Westminster College Economics BS degree requires PHIL 1130 Personal Ethics)			
Physical Science (PS)	3	A	none
*Social Science (SS)	3	A	none

*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	3	A	MATH 1050 or MATH 1090
MGT 2040	Statistics I	4	A	FIN 1380 or MATH 1010, 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 2250	Environmental Economics	3	F, Sp	none
ECON 2400	Internt'l 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.

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
ECON 2010	3	BUS 1100	3
ENGL 1010	3	ECON 2020	3
AMERICAN INST	3	DISTRIBUTION	6
STUDENT CHOICE	3	ELECTIVES	3
MATH 1050	4	TOTAL	15
OR			
MATH 1090	3		
TOTAL	15-16		

SAMPLE SCHEDULE

2ND FALL SEMESTER		2ND SPRING SEMESTER	
ECON ELECTIVES	3	ECON ELECTIVES	3
ENGL 2010	3	DISTRIBUTION	6
MGT 2040	4	HLAC	1
DISTRIBUTION	6	ELECTIVES	7
ELECTIVES	3	TOTAL	17
TOTAL	19		

*** 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.

EDUCATION

SEE ALSO FAMILY AND HUMAN STUDIES, AND PARAEDUCATION.

Estimated cost of books and supplies per semester \$350 to \$450

Eccles ECD Lab School (801) 957-4567
Education Information (801) 957-4189
General Information (801) 957-4073
Academic Advisor (801) 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 education 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 registering 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)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	pre-test
QUANTITATIVE LITERACY			
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 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

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS			
HLAC ____	1	A	none

STUDENT CHOICE (3 CREDITS)

COMM1010 Intro to Comm	3	A	none
OR			
COMM 1020 Speech	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).

*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

*Most Elementary Education programs require Biology with lab. BIOL 1010/1015

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
EDU 1010 Orien to Elm Ed	3	F, Sp	none
FHS 1500 Human Develop	3	A	none

ELECTIVES (21 CREDITS; SEE TRANSFER NOTES BELOW)

Students should select electives based on the institution to which they intend to transfer. See transfer notes below.

EDU 1400 Study of Disabilities	3	A	none
EDU 1900 Special Topics in Ed	3		
EDU 2000 CO-OP	1-2	F, Sp	FHS 1500, EDU 1010
EDU 2010 Intro Special Ed	3	Sp	none
EDU 2011 Inclusive Class	3	F, Sp	none
EDU 2030 Research in Ed	3	F, Sp	none
EDU 2110 Ed Psych Learning & Lit	3	F, Sp	none
EDU 2140 Tech in the Class	3	F, Sp	none
EDU 2150 Multi-Cul Edu	3	F, Sp	none
EDU 2410 Ed. Law for Teach	3	F, Sp.	none
ENGL 1200 Intro Linguistics	3	Sp	ENGL 1010
ENGL 2330 Children's Literature	3	Sp	ENGL 1010
*ETHS 2440 Native Amer (SS,DV)	3	F, Sp	none
*ETHS 2420 Asian Amer (SS,DV)	3	F, SP	none
*ETHS 2410 African Amer (SS,DV)	3	F, Sp	none
*ETHS 2430 Mexican Amer (SS,DV)	3	F, Sp	none
*HUMA2220 Pacific Am Stud (HU,DV)	3	F, Sp	none
FHS 1230 Adolescent Growth	3	Sp	none
FHS 2610 Child Guidance	3	F, Sp	w/FHS 0010

FHS 2640 Home/Schl/Cmnity Relations	3	F, Sp	none
FHS 2645 EC Integrated Curriculum	3	F, Sp	none
**MATH 2010 Mth Elem Tech I	3	F	MATH 1050
**MATH 2020 Mth Elm Tech II	3	Sp	MATH 2010
HLAC 2620 PE Elem School	2	Sp	none
THEA 2520 Creative Drama	2	A	none
***PED 1010 Intro to PED	3	TBA	none
***PED 1700 Collab in Class	3	TBA	PED 1010
***PED 2150 Exp w/Stud Risk	3	TBA	PED 1010
***PED 2160 Practicum Int Ex	1	TBA	w/PED 2150

*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 2030, EDU 2410, EDU 2645, EDU 2150, EDU 2011, ENGL 1200, 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 2010, 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 K-8 AND 1-8

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 2010, EDU 2140, ENGL 2330, FHS 1500 w/C or higher, MATH 2010 and MATH 2020 w/C- or higher. Electives in Major FHS 2500, FHS 2610, FHS 2600, 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 2010, 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 2010, EDU 2110 or FHS 2400, EDU 2140, EDU 2030, EDU 2645, ENGL 1200, ETHS 2410, ETHS 2420, ETHS 2430, ETHS

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 2330, FHS 2600, MATH 1050, MATH 2010, 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 2330, EDU 1010, EDU 2110, FHS 1500, FHS 2610, MATH 2010. 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 2010, MATH 2010, ETHS 2410, 2420, 22430, 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 Special Education.

UTAH STATE UNIVERSITY - SPECIAL EDUCATION

General Education (with some specific choices) EDU 1010, EDU 2010, and FHS 1500.

WEBER STATE UNIVERSITY - SPECIAL EDUCATION

For elementary education students: EDU 1010, FHS 1500, MATH 2010, MATH 2020, FHS 2610, ENG 2330, 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 2410, EDU 2010, FHS 1230. These classes are in addition to the classes for the major you are planning on teaching. Most other schools require EDU 1010.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
EDU	1010	3	ELECTIVE		3
ENGL	1010	3	ELECTIVE		3
FHS	1500	3	ELECTIVE		3
FA		3	ENGL	2010	3
ID		3	COMM	1010	3
TOTAL		15	HLAC		1
			TOTAL		16
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ELECTIVE		3	ELECTIVE		3
PHY SCI		3	BIOL SC		3
ELECTIVE		3	ELECTIVE		3
AM INSTITUTIONS		3	SS (May be DV)		3
MATH	1050	4	HU (May be DV)		3
ENGL	1200	3	TOTAL		15
ELECTIVE		2			
TOTAL		18			

*** 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 222 (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 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.

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

COURSE	CR	SEM	PREREQUISITES
CTEL 1010 Leadership/Teambuild	3	A	none
OR			
LE 1220 Human Relation	3	A	none

CTEL 1020 Career Speech Skills	3	A	none
or			
COMM 1020 Princpls of Pub Spk	3	A	none
ENGL 1010 Intro to Writing	3	A	pre-test
ELEC 1215 Motors & Transformers	3	Sp,Su	EIT 1220
ELEC 1235 Mot Cntrl Theory/Lab	4	Sp, Su	EIT 1220
ELEC 1260 Electrical Codes	3	Su	none
EIT 1110 Appl Math I Electr/Instr	4	F, Sp	MATH 1010 or equiv w/C or better
EIT 1120 Appl Math II Electr/Instr	4	F, Sp	EIT 1110 or equiv w/C or better
EIT 1210 DC Electrical Fundament	3	F, Sp	EIT 1110 or equiv w/C or better or concurrent;
			MATH 1050 for AS
EIT 1220 AC Electrical Fundament	3	F, Sp	EIT 1210 and EIT 1120 or equiv w/C or better or w/EIT 1120, MATH 1060 for AS
ELECTIVE COURSE	CR	SEM	PREREQUISITES
ELEC 2990 Special Studies	1-3	A	instructor's approval

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
or	CTEL 1020	3		ELEC 1215	3		
	COMM 1020	3		ELEC 1235	4		
	EIT 1110	4		ELEC 1260	3		
	EIT 1120	4		ENGL 1010	3		
	EIT 1210	3		CTEL 1010	3		
	EIT 1220	3	or	LE 1220	3		
	TOTAL	17		TOTAL	16		

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES
ELEC 1010 Elec & Mod Lvng	3	A	none
INST 2410 CCST Prep	3	A	pretest

ELECTRONICS

ASSEMBLY TECHNICIAN

SEE SCHOOL OF APPLIED TECHNOLOGY.

ELECTRONICS AND COMPUTER TECHNOLOGY APPRENTICESHIP

SEE APPRENTICESHIPS SECTION.

ELECTRONICS TECHNICIAN

SEE SCHOOL OF APPLIED TECHNOLOGY.

ELECTRONICS TECHNOLOGY

Estimated cost of books and supplies per semester

First Year	\$725
Second Year	\$380

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.

General Information (801) 957-4073
Academic Advisor (801) 957-4550
www.slcc.edu/electronicstechnology

Professor: Violetta Tsibranska (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 description 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 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 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 availability and modifications caused by varying enrollments.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

(minimum 72 credit hours; see department for articulation agreement 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, telecommunications, 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 (BSEET.) These requirements are designed to interface with the BSEET programs at Weber State University, and Southern Utah University.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS (12-13 CREDITS)			
COMPOSITION (6 CREDITS)			
ENGL 1010 Intro to Writing	3	A	pretest
ENGL 2010 Intermediate Writing	3	A	ENGL 1010
OR			
ENGL 2100 Technical Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY (3-4 CREDITS)			
MATH 1050 College Algebra	4	A	MATH 1010 or CPT
AMERICAN INSTITUTIONS (3 CREDITS)			
ECON 1740 Econ History of US	3	A	none
OR			
HIST 1700 American Civiliza	3	A	none
OR			
POLS 1100 Amer. Natl Govt.	3	A	none
INSTITUTIONAL REQUIREMENTS (3-7 CREDITS)			
LIFELONG WELLNESS			
HLAC	1	A	none

STUDENT CHOICE (3 CREDITS)

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)	3-4	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

COURSE	CR	SEM	PREREQUISITES
EIT 1120 Appl MathII Electr/Instr	4	F, Sp	EIT 1110 or equiv w/C or better
EIT 1210 DC Electrical Fundament	3	F, Sp	w/EIT 1110 or concurrent w/C or better MATH 1050 for AS
EIT 1220 AC Electrical Fundament	3	F, Sp	EIT 1210, w/EIT 1120 w/C or better, MATH 1060 for AS
EIT 1230 Analog Devices/Circuits	3	Sp,Su	EIT 1220 w/C or better
EIT 1240 Digital Circuits	3	Sp,Su	EIT 1220 w/C or better
ELET 1080 Univ Assem&Repair	2	A	none
ELET 1120 Circ Sim Analy/Dsgn	2	A	EIT 1230, EIT 1240 w/C or better
ELET 2080 Surface Mt Tech	2	A	ELET 1080
ELET 2300 Microprocessors	4	A	EIT 1240
ELET 2750 Elec Troublesht	4	F, Sp	EIT 1230, EIT 1240

ELECTIVES (6-8 CREDITS)

COURSE	CR	SEM	PREREQUISITES
ELET 1200 Lab VIEW BasicsI	2	A	Experience w /MS Windows and writing algorithms in the form of flowcharts or block diagrams
ELET 2020 Tech Certification	2	F, Sp	EIT 1230, EIT 1240
ELET 2100 Adv Linear Cir	4	F, Sp	EIT 1230, EIT 1240
ELET 2150 Com Systems	4	F, Sp	EIT 1230, EIT 1240

ELET	2200	Adv Measure	4	F, Sp	EIT 1230, EIT 1240
ELET	2410	Microwave Com	4	A	ELET 2150
ELET	2450	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)

COURSE	CR	SEM	PREREQUISITES
MATH 1210 Calculus I	4	A	MATH 1060 w/C or better
MATH 1220 Calculus II	4	A	MATH 1210 w/C or better
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210
PHYS 2215 Physics f/Sci&Eng L I	1	A	w/PHYS 2210
CHEM 1010 Intro to Chemistry	3	A	none

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
COMPOSITION	6		INST REQS	3-7	
MATH 1050	4		ELET 1011	3	
AMERICAN INST	3		DISTRIBUTION	9	
ELET 1080	2		TOTAL	15-19	
TOTAL	15				
THIRD SEMESTER			FOURTH SEMESTER		
DISTRIBUTION	9		ELET 1100	4	
ELET 1012	3		ELET 1120	2	
ELET 1061	3		ELET 1130	4	
ELET 2080	2		TOTAL	10	
TOTAL	17				
FIFTH SEMESTER					
ELET 2300	4				
ELET 2750	4				
ELECTIVES	6-8				
TOTAL	14-16				

* **NOTE:** Admission into a major program at a transfer institution depends upon the receiving institution's requirements for that major. Some major programs are 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 we site: www.utahsbr.edu/hel02a.html.

ASSOCIATE OF APPLIED SCIENCE^{CTE} 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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2100 Technical Wrtng	3	A	ENGL 1010

QUANTITATIVE STUDIES

EIT	1110	Appl MathI Electr/Instr	4	F, Sp	MATH 1010 w/C or better or CPT

COMMUNICATION

CTEL	1020	Career Speech Skills	3	A	none
or					
COMM	1020	Princpls of Pub Spk	3	A	none

HUMAN RELATIONS

CTEL	1010	Leadership/Teambuild	3	A	none
or					
LE	1220	Human Relations	3	A	none

DISTRIBUTION AREAS

COMPLETE THE FOLLOWING DISTRIBUTION (PS) COURSE:

CHEM	1010	Intro to Chem	3	A	none

MAJOR COURSE REQUIREMENTS (44 CREDITS)

COURSE	CR	SEM	PREREQUISITES
EIT 1120 Appl MathII Electr/Instr	4	F, Sp	EIT 1110 or equiv w/C or better
EIT 1210 DC Electrical Fundament	3	F, Sp	w/EIT 1110 or concurrent w/C or better
EIT 1220 AC Electrical Fundament	3	F, Sp	MATH 1050 for AS
EIT 1230 Analog Devices/Circuits	3	Sp, Su	EIT 1210, w/EIT 1120
EIT 1240 Digital Circuits	3	Sp, Su	w/C or better, MATH 1060 for AS
ELET 1080 Univ Assem&Repair	2	A	EIT 1220 w/C or better
ELET 1120 Circ Sim Analy/Dsgn	2	A	none
ELET 2010 Adv Circuit Anal	3	F, Sp	EIT 1230, EIT 1240
ELET 2020 Certification	2	F, Sp	w/C or better
ELET 2080 Surface Mt Tech	2	A	EIT 1230, EIT 1240
ELET 2100 Adv Linear Cir	4	F, Sp	EIT 1230, EIT 1240
ELET 2200 Adv Measure	4	F, Sp	EIT 1230, EIT 1240
ELET 2300 Microprocessors	4	A	EIT 1230, EIT 1240
ELET 2750 Elec Troublesht	4	F,Sp	EIT 1230, EIT 1240

ELECTIVES (8 CREDITS)

COURSE	CR	SEM	PREREQUISITES
ELET 1020 IPCA-610D	2	A	none
ELET 1030 IPC-J-Std-001D	2	A	ELET 1080, ELET 2080, ELET 1020
ELET 1200 Lab VIEW BasicsI	2	A	or equivalent Experience w /MS Windows and writing algorithms in the form of flowcharts or block diagrams
ELET 2150 Com Systems	4	A	EIT 1230, EIT 1240
ELET 2410 Microwave Com	4	TBA	ELET 2150
ELET 2420 Elect Video Systems	4	A	ELET 2150
ELET 2450 Laser/Fiber Opt	4	TBA	none
ELET 2480 FCC License Prep	4	A	Instructor's approval
TELE 1110 Telecm Cabling	2	A	none

OPTIONAL ELECTIVES IN SUPPORT OF F.A.A. PROGRAM

COURSE	CR	SEM	PREREQUISITES
A+ CERTIFICATION:			
CS 2320 Com Maint (A+) Cert	4	A	CIS 1020
or equiv			
or			
TELE 2320 Com Maint (A+) Cert	4	A	CIS 1020 or equiv

NET+ CERTIFICATION:

TELE 2400 Intro to Com Ntwkng 4 A Computer Literacy

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
ELET	1011	3	COMM	1010	3
ELET	1051	4	ELET	1012	3
ELET	1080	2	ELET	1061	3
ENGL	1010	3	LE	1220	3
TOTAL		12	PHYS	1010	3
			TOTAL		15
THIRD SEMESTER			FOURTH SEMESTER		
ELET	1100	4	ELET	2010	3
ELET	1120	2	ELET	2020	2
ELET	1130	4	ELET	2100	4
ELET	2080	2	ELET	2200	4
TOTAL		12	TOTAL		13
FIFTH SEMESTER					
ELET	2300	4			
ELET	2750	4			
ELELCTIVES		8			
TOTAL		16			

ASSOCIATE OF APPLIED SCIENCE^{CTE} 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**

COURSE	CR	SEM	PREREQUISITES

CORE SKILLS**COMPOSITION**

ENGL 1010 INTRO TO WRITING 3 A PRE-TEST

QUANTITATIVE STUDIES

EIT 1110 APPL MATHI ELECTR/INSTR 4 F, SP MATH 1010 w/C or better or CPT

COMMUNICATION

CTEL 1020 CAREER SPEECH SKILLS 3 A NONE

HUMAN RELATIONS

CTEL 1010 LDERSHIP & TEAMBLDING 3 A ONE

DISTRIBUTION AREAS**COMPLETE THE FOLLOWING DISTRIBUTION (PS) COURSE**

BIOL 1110 Intro to Hmn Anat/Phys 3 A none

MAJOR COURSE REQUIREMENTS**(52 CREDITS)**

COURSE	CR	SEM	PREREQUISITES
EIT 1120 APPL MATHII ELECTR/INSTR	4	F, SP	EIT 1110 or equiv w/C or better w/EIT 1110 or concurrent w/C or better MATH 1050 for AS
EIT 1210 DC Electrical Fundament	3	F, Sp	EIT 1210 w/EIT 1120 w/C or better MATH 1060 For AS
EIT 1220 AC Electrical Fundament	3	F, Sp	EIT 1220 w/C or better EIT 1220 w/C or better
EIT 1230 Analog Devices/Circuits	3	,Su	EIT 1230, EIT 1240 w/C or better
EIT 1240 Digital Circuits	3	Sp,Su	EIT 1230, EIT 1240 w/C or better
ELET 1080 Univ Assmby & Repair	2	A	none
ELET 2020 Tech Certification	2	F, Sp	EIT 1230, EIT 1240 w/C or better
ELET 2080 Surface Mt Tech	2	A	ELET 1080
ELET 2150 Com Systems	4	A	EIT 1230, EIT 1240
ELET 2200 Adv Measure	4	F, Sp	EIT 1230, EIT 1240
ELET 2300 Microprocessors	4	A	EIT 1240
ELET 2750 Elec Troublesht	4	F,Sp	EIT 1230, EIT 1240
ELET 2600 Biomed Instrumentatn I	4	A	ELET-2020, BIOL-1110
ELET 2610 Biomed Instrumentatn II	1	A	ELET-2600
ELET 2615 BMI Fieldwork Exper	4	A	ELET-2610
TELE 2320 Comp Maint (A+) Cert	4		CIS 1010 or equivalent.

ADDITIONAL RECOMMENDED COURSES

COURSE	CR	SEM	PREREQUISITES
ELET 2450 LASER/FIBER OPT	4		
TELE 1110 Telecm Cabling	2	A	none
ELET 2080 Surface Mt Tech	2	A	ELET 1080
TELE 2400 Intro to Comp Ntwrking	4		Computer Literacy

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
ELET	1011	3	CTEL	1020	3
ELET	1051	4	ELET	1012	3
ELET	1080	2	ELET	1061	3
ENGL	1010	3	ELET	2080	2
TOTAL		12	BIOL	1110	3
			TOTAL		14

SAMPLE SCHEDULE					
THIRD SEMESTER			FOURTH SEMESTER		
CTEL	1010	3	ELET	2020	2
ELET	1100	4	ELET	2200	4
ELET	1130	4	ELET	2600	4
ELET	2300	4	ELET	2750	4
TOTAL		15	TOTAL		14
FIFTH SEMESTER					
ELET	2150	4			
ELET	2610	4			
TELE	2320	4			
TOTAL		16			

CERTIFICATES^{CTE}

The following departmental certificates are available from the Electronics and Instrumentation Department.

ELECTRONIC ASSEMBLY

(minimum 16 hours required)

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
EIT	1110 Appl MathI Electr/Instr	4	F, Sp	MATH 1010 w/C or better or CPT
EIT	1120 Appl MathII Electr/Instr	4	F, Sp	EIT 1110 or equivalent w/C or better
EIT	1210 DC Electrical Fundament	3	F, Sp	EIT 1110 or equivalent w/C or better or concurrent; MATH 1050 for AS
EIT	1220 AC Electrical Fundament	3	F, Sp	EIT 1210 and EIT 1120 or equivalent w/C or better or concurrent; MATH 1060 for AS
ELET	1080 Univ Assem&Repair	2	A	none
ELET	2420 Elect Video Systems	4	A	ELET 2150

ELECTRONICS TECHNOLOGY TECHNICIAN (MINIMUM 29 HOURS REQUIRED)

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
EIT	1110 Appl MathI Electr/Instr	4	F, Sp	MATH 1010 w/C or better or CPT
EIT	1120 Appl MathII Electr/Instr	4	F, Sp	EIT 1110 or equivalent w/C or better
EIT	1210 DC Electrical Fund	3	F, Sp	EIT 1110 or equivalent w/C or better or concurrent; MATH 1050 for AS
EIT	1220 AC Electrical Fundament	3	F, Sp	EIT 1210 and EIT 1120 or equivalent w/C or better or concurrent; MATH 1060 for AS
EIT	1230 Analog Devices/Circuits	3	Sp,Su	EIT 1220 w/C or better
ELET	1080 UnvrsAssem&Repair	2	A	none
ELET	1120 Circ Sim Analy/Dsgn	2	A	EIT 1230, EIT 1240 w/C or better
EIT	1240 Digital Circuits	3	Sp,Su	EIT 1220 w/C or better
ELET	2020 Tech Certification	2	F, Sp	EIT 1230, EIT 1240
ELET	2080 Surface Mt Tech	2	A	ELET 1080

CONSUMER ELECTRONICS

(minimum 27 hours required)

MAJOR COURSE REQUIREMENTS

COURSE		CR	SEM	PREREQUISITES
EIT	1110 Appl MathI Electr/Instr	4	F, Sp	MATH 1010 w/C or better or CPT
EIT	1120 Appl MathII Electr/Instr	4	F, Sp	EIT 1110 or equivalent w/C or better
EIT	1210 DC Electrical Fundament	3	F, Sp	EIT 1110 or equivalent w/C or better or concurrent; MATH 1050 for AS
EIT	1220 AC Electrical Fundament	3	F, Sp	EIT 1210 and EIT 1120 or equivalent w/C or better or concurrent; MATH 1060 for AS
ELET	1080 UnvrsAssem&Repair	2	A	none
EIT	1230 Analog Devices/Circuits	3	Sp,Su	EIT 1220 w/C or better
EIT	1240 Digital Circuits	3	Sp,Su	EIT 1220 w/C or better
ELET	2420 Elect Vid Systems I	4	A	ELET 2150

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 skills, explore career options and network with professionals and employers in the industry. Student 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 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.

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

COURSE	CR SEM	PREREQUISITES
ENGL 1010 Intro to Writing	3 A	WRTG 0990 w/C or better or appropriate placement score

QUANTITATIVE STUDIES (QS) 4 CREDITS

COURSE	CR SEM	PREREQUISITES
MATH 1010 Intermediate Algebra	4 A	MATH 0990 and RDG 900 w/C or better or appropriate placement scores

COMMUNICATIONS (CM) 3 CREDITS

COURSE	CR SEM	PREREQUISITES
COMM1010 Elem of Eff Comm	3 A	None
COMM1020 Prin/Public Speaking	3 A	None
CTEL 1020 Career Speech Skills	3 A	None

HUMAN RELATIONS (HR) 3 CREDITS

COURSE	CR SEM	PREREQUISITES
COMM2110 Interpers Comm. (ID,HR)	3 F, Sp	None
CTEL 1010 Ldrshp & Team Bldg (HR)	3 A	None
LE 1220 HR Career Dev (SS, HR)	3 A	None
MKTG 1960 Prof in Business (HR)	3 A	None

DISTRIBUTION AREAS (3 CREDITS)

Choose an additional three credit hours from one of the following distribution areas:

COURSE	CR SEM	PREREQUISITES
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 in SLCC catalog for options in each of these categories.

MAJOR COURSE REQUIREMENTS (46 CREDITS)

COURSE	CR SEM	PREREQUISITES
ARCH 1100 Intro to Arch Drawing	3 *	None
CIS 1019 Spreadsheet Applications	2 *	Basic MS Excel experience
ENGL 2100 Technical Writing	3 A	ENGL 1010
PHYS 1010 Elementary Physics (PS)	3 *	None
EGMT 1010 Intro to Energy Mgmt	2 *	None
EGMT 1110 Res/Light Comm Engy Use	2 *	EGMT 1010
EGMT 1120 Comm Energy Analysis	3 *	EGMT 1210, MATH 1010
EGMT 1130 Building Energy Sims	3 *	EGMT 1120
EGMT 1210 Air Cond System Analysis	2 *	EGMT 1110, PHYS 1010
EGMT 1220 Comm A/C System Anal	2 *	EGMT 1210
EGMT 1230 Energy Control Strategies	3 *	EGMT 1220, 1240
EGMT 1240 Energy Efficiency Methods	2 *	EGMT 1110, PHYS 1010
EGMT 1310 Lighting Fundamentals	2 *	EGMT 1110, PHYS 1010
EGMT 1320 Lighting Applications	2 *	EGMT 1310, MATH 1010
EGMT 1410 Energy Invest Analysis	2 *	EGMT 1210, 1240, 1310, MATH 1010
EGMT 1420 Energy Accounting	2 *	CIS 2990
EGMT 1540 Alternative Energy Tech	2 *	None

EGMT 2060 Energy Mgt Seminar 1	1 *	None
EGMT 2065 Energy Mgt Seminar 2	1 *	None
EGMT 2800 Energy Mgt Internship	4 *	Completion of all Core Courses or instructor Approval

ELECTIVES (5 CREDITS)

COURSE	CR SEM	PREREQUISITES
ARCH 2990 Special Topics (Green Bldg)	3 Sp	None
EGMT 1600 Intro to Water Resources	2 *	None
EGMT 1710 Basic Photovoltaic Systems	2 *	None
EGMT 1720 Adv Photovoltaic Systems	3 *	None
ENVT 1010 Race to Save Planet (ID)	3 A	None
GEOG 1800 Geospatial Technology	3 A	None
GEOG 2200 Urban/Envrn Issues (ID)	3 Sp	None

*Note: 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.

SAMPLE SCHEDULE

FALL SEMESTER 1 BLOCK 1		FALL SEMESTER 1 BLOCK 2	
ARCH 1100	3	EGMT 1110	2
EGMT 1010	2	EGMT 1540	2
MATH 1010	4	EGMT 2060	1
CIS 2990	2	PHYS 1010	3
TECH ELEC	2	TOTAL	8
TOTAL	13		
SPRING SEMESTER 1 BLOCK 3		SPRING SEMESTER 1 BLOCK 4	
EGMT 1210	2	EGMT 1220	2
EGMT 1240	2	EGMT 1320	2
EGMT 1310	2	EGMT 1410	2
ENGL 2100	3	TOTAL	6
HUMAN REL	3		
TOTAL	12		
SUMMER SEMESTER 1 BLOCK 5		FALL SEMESTER 2 BLOCK 6	
EGMT 1120	3	EGMT 1130	3
EGMT 1230	3	EGMT 1420	2
TECH ELEC	3	EGMT 2065	1
TOTAL	9	COMM	3
		DIST	3
		TOTAL	12
FALL SEMESTER 2 BLOCK 7			
EGMT 2800	4		
TOTAL	4		

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) 957-4826

General Information (801) 957-4073

Academic Advisor (801) 957-4858

Department Chair, Dr. Nick Safai: (801) 957-4785

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 1210 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	Interm Writing	3	A	ENGL 1010 w/C or better

OR

ENGL 2100	Technical Wrtnng	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

COURSE	CR	SEM	PREREQUISITES
CEEN 2010 Statics	3	F, Sp	MATH 1210, PHYS 2210
CEEN 2140 Strength of Mat	2	F, Sp	CEEN 2010, w/MATH 2250, w/CEEN 2145
*CEEN 2145 Strgth of Mat Lab	1	F, Sp	w/CEEN 2140
CHE 2450 Num Tech	2	Sp	ENGR 1040, MATH 2250
CHE 2800 Fund of Pro Eng	3	Sp	CHE 2300
CHE 2300 Eng Thrmodynmc	2	F, Sp	CHEM 1210, MATH 1220, PHYS 2210
CHEM 1210 GeneralChemistry I	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1215 Gen Chem Lab I	1	F, Sp	CHEM 1210
CHEM 1220 GeneralChemistryII	4	Sp, Su	CHEM 1210, w/CHEM 1225
CHEM 1225 Gen Chem II Lab	1	Sp, Su	w/CHEM 1220
CHEM 2310 Organic Chem I	4	F, Sp	CHEM 1220, w/CHEM 2315
CHEM 2315 Organic Chem Lab I	1	F, Sp	w/CHEM 2310
ENGR 1040 Engineer Comp	3	F, Sp	MATH 1050
OR			
ENGR 1000 Intro to Engr	2	F, Sp	MATH 1060, w/ENGR 1020
AND			
ENGR 1020 Intro to Engr Lab	1	F, Sp	w/ENGR 1000
MATH 1220 Calculus II	4	A	MATH 1210
*MATH2210 MultivariateCalculus	3	A	MATH 1220
MATH 2250 Diff EquaLin Alg	4	F, Sp	MATH 1220
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210
PHYS 2215 Physics f/Sci&Eng L I	1	A	w/PHYS 2210
PHYS 2220 Physics f/Sci&Eng II	4	A	PHYS 2210
PHYS 2225 Physics f/Sci&Eng LII	1	A	w/PHYS 2220

*Recommended but not required at the University of Utah

ELECTIVES (OPTIONAL)

MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.

COURSE	CR	SEM	PREREQUISITES
CHE 2000 CO-OP Education	1-2	A	2nd year w/instructor's approval
CHEM 2320 Organic Chem II	4	A	CHEM 2310 w/C or better, w/CHEM 2325
CHEM 2325 Organic Chem Lab II	1	A	CHEM 2310 w/C or better, w/CHEM 2320

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
CHEM 1210	4	CHEM 1220	4				
CHEM 1215	1	CHEM 1225	1				
ENGR 1040	3	ENGL 2010	3				
OR		OR					
ENGR 1000	2	ENGL 2100	3				
AND		MATH 1220	4				
ENGR 1020	1	PHYS 2210	4				
ENGL 1010	3	PHYS 2215	1				
MATH 1210	4	TOTAL	17				
DISTRIBUTION	3						
TOTAL	18						
2ND FALL SEMESTER				2ND SPRING SEMESTER			
CEEN 2010	3	CHE 2450	2				
CHE 2300	2	CEEN 2140	2				
CHEM 2310	4	CEEN 2145	1				
CHEM 2315	1	CHE 2800	3				
MATH 2250	4	MATH 2210	3				
PHYS 2220	4	DISTRIBUTION	3				
PHYS 2225	1	AMERICAN INST	3				
TOTAL	19	TOTAL	17				

*** 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*

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.

CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010 w/C or better

OR

ENGL 2100	Technical Wrtnng	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 (FA)	3	A	none
Humanities (HU)	3	A	none
Social Science (SS)	3	A	none

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE REQUIREMENTS			CR	SEM	PREREQUISITES
ARCH	1310	Intro to AutoCAD	3	F	comp literacy or instructor approval
CEEN	1100	Civil Engr Design	3	F	MATH 1010
CEEN	2010	Statics	3	A	MATH 1210, PHYS 2210
CEEN	2020	Dynamics I	2	F, Sp	CEEN 2010, MATH1220
CEEN	2240	Surveying	3	Sp	MATH 1060
CEEN	2130	Engr Economics	4	F	MATH 1050
CEEN	2140	Strength of Mat I	2	F, Sp	CEEN 2010, w/MATH 2250, w/ CEEN 2145
CEEN	2145	Strgth of Mat Lab	1	F, Sp	w/CEEN 2140
CEEN	2300	Eng Thermdyn	2	F, Sp	CHEM 1210, MATH 1220, PHYS 2210
CHEM	1210	GeneralChemistry I	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM	1215	Gen Chem Lab I	1	F, Sp	CHEM 1210
*CHEM	1220	GeneralChemistryII	4	Sp, Su	CHEM 1210, w/CHEM 1225

AND

CHEM 1225	Gen Chem Lab II	1	Sp, Su	w/CHEM 1220
OR				
*PHYS 2220	Phys for Sci & Eng II	4	A	PHYS 2210, w/PHYS 2225
AND				
PHYS 2225	Phys f/Sci&Eng Lb II	1	A	w/ PHYS 2220
ENGR 1040	Engr Computing	3	F, Sp	MATH 1050
OR				
ENGR 1000	Engr Prob Solving	2	F, Sp	MATH 1060, w/ENGR 1020
AND				
ENGR 1020	Intro to Engr Lab I	1	F, Sp	w/ENGR 1000
EE 2200	Elect Eng for CivEng	1.5	Sp	PHYS 2210, w/MATH 2250
OR				
MSE 2170	Mat Sci for Civil Eng	1.5	F, Sp	CHEM 1210

MATH 1220	Calculus II	4	A	MATH 1210
MATH 2210	Multivariate Cal	3	A	MATH 1220
MATH 2250	Diff Equa LinAlg	4	F, Sp	MATH 1220
PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210

*Students planning an emphasis in structural engineering are encouraged to complete the second physics course. Students planning for environmental engineering are encouraged to complete the second chemistry course.

ELECTIVES (OPTIONAL)

MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.

CEEN 2000	CO-OP Education	1-2	A	2nd year, instructor's approval
CEEN 2320	Strgth of Mat II	2	Sp	CEEN 2140, w/CEEN 2230, MATH 2210
CEEN 2410	Struc Theory I	3	Sp	CEEN 2140
CEEN 2450	Numerical Tech	2	Sp	ENGR 1040, MATH 2250
MEEN 1050	Des/Vis Com	2	F	Drafting experience or education

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
CHEM 1210	4			CEEN 2010	3		
CHEM 1215	1			CHEM 1220	4		
ENGL 1010	3			AND			
MATH 1210	4			CHEM 1225	1		
PHYS 2210	4			OR			
DISTRIBUTION	3			PHYS 2220	4		
TOTAL	19			AND			
				PHYS 2225	1		
				ENGR 1040	3		
				ENGL 2100	3		
				MATH 1220	4		
				TOTAL	18		
2ND FALL SEMESTER				2ND SPRING SEMESTER			
CEEN 1100	3			ARCH 1310	3		
CEEN 2140	2			CEEN 2240	3		
CEEN 2145	1			CEEN 2130	4		
CEEN 2020	2			CHE 2300	2		
EE 2200	1.5			MATH 2210	3		
OR				DISTRIBUTION	3		
MSE 2170	1.5			TOTAL	18		
MATH 2250	4						
AMERICAN INST	3						
TOTAL	16.5						

*** 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 Interm Writing 3 A ENGL 1010 w/C or better

OR

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 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)	3	A	none
Humanities (HU)	3	A	none
Social Science (SS)	3	A	none

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CHEM 1210 General Chem I	4	F, Sp	MATH 1050
ENGR 1040 Engineer Comp	3	F, Sp	MATH 1050
OR			
ENGR 1000 Intro to Engr	2	F, Sp	MATH 1060, w/ENGR 1020
AND			
ENGR 1020 Intro to Engr Lab	1	F, Sp	w/ENGR 1000
CS 1410 Obj Oriented Progr	3	A	CS 1400
CS 1415 Practical OO Program	1	A	w/CS 1410
CS 2420 Algorithms & Data Struc	3	A	CS 1410
CS 2425 Code Analysis & Tuning	1	A	w/CS 2420
CS 2430 DiscreteStruct	3	Sp	CS 2420
CPE 2700 Digital Sys Dsgn	4	Sp	ENGR 1040, MATH 1050
CS 2810 Compu Architecture	4	F, Sp	CS 1410
EE 1020 Elect Eng Prob	1	F, Sp	none
EE 1030 UNIX f/EE Students	1	F, Sp	none
MATH 1220 Calculus II	4	A	MATH 1210
MATH 2210 Multivariate Cal	3	A	MATH 1220
MATH 2250 Dif Equa Lin Alg	4	F, Sp	MATH 1220
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210
PHYS 2220 Physics f/Sci&Eng II	4	A	PHYS 2210

ELECTIVES (OPTIONAL)

MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.

CPE 2720 Computer Design	2	F, Sp	CPE 2700, w/CS 2810
CS 2000 Co-op Education	1	F, Sp	Instructor's approval
CS 2900 Current Topics/CS	1	TBA	Instructor's approval
EE 1010 IntrLbInstr/Mthds	1	F, Sp	none

EE 1270 ElecCrcts/CmpEng	4	F, Sp	MATH 1210, MATH 1220, PHYS 2210, EE 1020
EE 2260 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

FALL SEMESTER			SPRING SEMESTER		
ENGR 1040	3		CS 1410/1415	4	
OR			EE 1020	1	
ENGR 1000	2		EE 1030	1	
AND			ENGL 2010	3	
ENGR 1020	1		OR		
ENGL 1010	3		ENGL 2100	3	
MATH 1210	4		MATH 1220	4	
PHYS 2210	4		PHYS 2220	4	
AMERICAN INST	3		TOTAL	17	
TOTAL	17				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CS 2420/2425	4		CS 2430	3	
CPE 2700	4		CS 2810	4	
CHEM 1210	4		MATH 2250	4	
MATH 2210	3		DISTRIBUTION	6	
DISTRIBUTION	3		TOTAL	17	
TOTAL	18				

*** 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/he102a.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 Interm Writing 3 A ENGL 1010 w/C or better

OR

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 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 Govt & 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)	3	A	none
Humanities (HU)	3	A	none
Social Science (SS)	3	A	none

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
*CHE 2300 EnginThermodyn	2	F, Sp	CHEM 1210, MATH 1220 and PHYS 2210
CHEM 1210 General Chem I	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1215 Gen Chem Lab I	1	F, Sp	w/CHEM 1210
CS 1600 Struct Progrmg C.C++	4	Sp	MATH 1060 or concurrent
EE 1010 Lab Inst & Meth	1	F, Sp	none
EE 1020 Elect Eng Prob	1	F, Sp	none
EE 1030 UNIX f/EE Students	1	F, Sp	none
EE 1270 Intro to Elect Circs	4	F, Sp	MATH 1210, w/MATH 1220, PHYS 2210 and EE 1020
EE 2260 Fund of Elec Cir	4	F, Sp	EE 1010, EE 1270, PHYS 2220
EE 2280 Fnds of Engr Elect	4	F, Sp	EE 1270, MATH 2250, PHYS 2220
EE 2700 Fund of Dig Sys	4	Sp	CS 1600, PHYS 2220
MATH 1220 Calculus II	4	A	MATH 1210
MATH 2210 Multivariate Cal	3	A	MATH 1220
MATH 2250 Diff Equ/Lin Alg	4	F, Sp	MATH 1220
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
PHYS 2220 Physics f/Sci&Eng II	4	A	PHYS 2210
**PHYS 2215 Physics f/Sci&Eng L I	1	A	w/PHYS 2210

*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 AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.

CS 1410 Obj Oriented Progr	3	A	CS 1400
CS 1415 Practical OO Progr	1	A	w/CS1410
CS 2420 Intro Algorithms/Data	3	A	CS 1410
CS 2425 Code Analysis & Tuning	1	A	w/CS 2420
EE 2000 CO-OP Education	1-2	A	2nd year w/approval
EE 2020 PSpice & Elec Wrkb	1	F, Sp	EE 1270, w/EE2260, and EE 2280

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CHEM 1210	4		CS 1600	4	
CHEM 1215	1		EE 1020	1	
EE 1030	1		ENGL 2010	3	
ENGL 1010	3		OR		
MATH 1210	4		ENGL 2100	3	
AMERICAN INST	3		MATH 1220	4	
TOTAL	16		PHYS 2210	4	
			PHYS 2215	1	
			TOTAL	17	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CHE 2300	2		EE 2260	4	
EE 1010	1		EE 2280	4	
EE 1270	4		EE 2700	4	
MATH 2250	4		MATH 2210	3	
PHYS 2220	4		DISTRIBUTION	3	
DISTRIBUTION	6		TOTAL	18	
TOTAL	21				

* **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*

MANUFACTURING ENGINEERING

(minimum 65 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 Interm Writing	3	A	ENGL 1010 w/C or better

OR

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	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)	3	A	none
Humanities (HU)	3	A	none
Social Science (SS)	3	A	none

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CEEN 2010 Statics	3	F, Sp	MATH 1210, PHYS 2210
CEEN 2450 Num Tech	2	Sp	ENGR 1040, MATH 2250
CHEM 1210 GeneralChemistry I	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1220 GeneralChemistryII	4	Sp, Su	CHEM 1210, w/CHEM 1225
CHEM 1215 Gen Chem Lab I	1	F, Sp	CHEM 1210
CHEM 1225 Gen Chem Lab II	1	Sp, Su	w/CHEM 1220
ENGR 1040 Engineer Comp	3	F, Sp	MATH 1050
CS 1410 Intro Comp Sci I	3	A	CS 1400
CS 1415 Practical OO Progr	1	A	w/CS1410
MATH 1220 Calculus II	4	A	MATH 1210
MATH 2210 Multivariate Cal	3	A	MATH 1220
MATH 2250 Diff Equ Alg	4	F, Sp	MATH 1220
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
PHYS 2220 Physics f/Sci&Eng II	4	A	PHYS 2210, w/PHYS 2225
PHYS 2215 Physics f/Sci&Eng L I	1	A	w/PHYS 2210
PHYS 2225 Physics f/Sci&Eng LII	1	A	w/PHYS 2220

ELECTIVE (OPTIONAL)**MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.**

MEEN 2000 CO-OP Education 1-2 A 2nd year
w/instructor's approval

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CHEM 1210	4		CHEM 1220	4	
CHEM 1215	1		CHEM 1225	1	
MATH 1210	4		ENGR 1040	3	
PHYS 2210	4		MATH 1220	4	
PHYS 2215	1		PHYS 2220	4	
TOTAL	14		PHYS 2225	1	
			TOTAL	17	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CEEN 2010	3		CEEN 2450	2	
CS 1410/1415	4		MATH 2250	4	
ENGL 1010	3		ENGL 2010	3	
MATH 2210	3		OR		
DISTRIBUTION	3		ENGL 2100	3	
TOTAL	16		DISTRIBUTION	6	
			TOTAL	18	

*** 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*

MATERIALS SCIENCE ENGINEERING

(minimum 74 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 Interm Writing	3	A	ENGL 1010 w/C or better
OR			
ENGL 2100 Technical Wrtnng	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

NOTE: Consult with an advisor in selecting General Education distribution courses that will also satisfy the sequence requirement for Engineering majors at the U of U.

DISTRIBUTION AREAS

Choose an additional 6 credit hours from two of the following distribution areas:

Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Social Science (SS)	3	A	none

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CEEN 2010 Statics	3	F, Sp	MATH 1210, PHYS 2210
CEEN 2140 Strength Mtls I	2	F, Sp	CEEN 2010, w/MATH 2250
CHEM 1210 GeneralChemistry I	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1220 GeneralChemistryII	4	Sp, Su	CHEM 1210, w/CHEM 1225
CHEM 1215 Gen Chem Lab I	1	F, Sp	w/CHEM 1210
CHEM 1225 Gen Chem Lab II	1	Sp, Su	w/CHEM 1220
CHEM 2310 Organic Chem I	4	A	CHEM 1220, w/CHEM 2315
ENGR 1040 Engineer Comp	3	F, Sp	MATH 1050
OR			
ENGR 1000 Intro to Engr	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 2250
MATH 1220 Calculus II	4	A	MATH 1210
MATH 2210 Multivariate Cal	3	A	MATH 1220
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 Mtls	3	Sp	CHEM 1220, MSE 2010, PHYS 2220
MSE 2410 Intro to Polymrs	3	Sp	CHEM 1220, MSE 2010
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
PHYS 2220 Physics f/Sci&Eng II	4	A	PHYS 2210
PHYS 2215 Physics f/Sci&Eng L I	1	A	w/PHYS 2210

ELECTIVES (OPTIONAL)**MAY BE REQUIRED AT SOME TRANSFER INSTITUTIONS. SEE ADVISOR.**

CEEN 2450 Num Tech	2	Sp	ENGR 1040, MATH 2250
CHEM 2320 Organic Chem II	5	A	CHEM 2310 w/C or better, w/CHEM 2325 (lab)
MSE 2000 CO-OP	1-2	A	2nd year, instructor's approval

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CHEM 1210	4		CHEM 1220	4	
CHEM 1215	1		CHEM 1225	1	
ENGR 1040	3		ENGL 1010	3	
OR			MATH 1220	4	
ENGR 1000	2		PHYS 2220	4	
MATH 1210	4		TOTAL	16	
PHYS 2210	4				
PHYS 2215	1				
TOTAL	17				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
CEEN 2010	3		CEEN 2140	2	
CHEM 2310	4		EE 2210	3	
ENGL 2010	3		MATH 2250	4	
OR			MSE 2210	3	
ENGL 2100	3		MSE 2410	3	
MATH 2210	3		AMERICAN INST	3	
MSE 2010	4		DISTRIBUTION	3	
DISTRIBUTION	3		TOTAL	21	
TOTAL	20				

*** 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*

MECHANICAL ENGINEERING

(minimum 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 U of U.

CORE SKILLS COMPOSITION

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010 w/C or better

OR

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	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 U of U.

DISTRIBUTION AREAS

Choose an additional six credit hours from two of the following distribution areas:

Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Social Science (SS)	3	A	none

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CHEM 1210 General Chem I	4	F, Sp	MATH 1050, w/CHEM 1215 w/CHEM 1210
CHEM 1215 Gen Chem Lab I	1	F, Sp	
ENGR 1040 Engineer Comp	3	F, Sp	MATH 1050
OR			
ENGR 1000 Intro to Engr	2	F, Sp	MATH 1060, w/ENGR 1020
AND			
ENGR 1020 Intro to Engr Lab	1	F, Sp	w/ENGR 1000
EE 2210 Elec En/Non EE	3	F, Sp	PHYS 2220, w/MATH 2250
MATH 1220 Calculus II	4	A	MATH 1210
MATH 2210 Multivariate Cal	3	A	MATH 1220
MATH 2250 Diff Equ/Lin Alg	4	F, Sp	MATH 1220
MEEN 1050 Des&Visual Comm	3	F	none
MEEN 2010 Statics	3	F, Sp	MATH 1210, PHYS 2210
MEEN 2300 Eng Thrmdnmc	2	F, Sp	CHEM 1210, MATH 1220, PHYS 2210
MEEN 2450 Numerical Techniq	2	Sp	ENGR 1040, MATH 2250
MEEN 2650 Engr Manufng/Lab	4	Sp	MEEN 2010, MEEN 2140

MEEN 2140	Strength Mtls I	2	F, Sp	MEEN 2010, w/MATH 2250
*MEEN 2145	Strgth 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 1220

MSE 2160	Elem Mat Eng	3	F	CHEM 1210
PHYS 2210	Physics f/Sci & Eng I	4	A	MATH 1210
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

FALL SEMESTER				SPRING SEMESTER			
CHEM	1210	4		ENGL	2010	3	
CHEM	1215	1		OR			
ENGL	1010	3		ENGL	2100	3	
MATH	1210	4		MATH	1220	4	
MEEN	1050	3		MEEN	2010	3	
PHYS	2210	4		PHYS	2220	4	
TOTAL		19		AMERICAN INST	3		
				TOTAL		17	
2ND FALL SEMESTER				2ND SPRING SEMESTER			
ENGR	1040	3		EE	2210	3	
OR				MATH	2210	3	
ENGR	1000	2		MEEN	2060	2	
AND				MEEN	2450	4	
ENGR	1020	1		MEEN	2650	4	
MATH	2250	4		DISTRIBUTION	3		
MEEN	2140	2		TOTAL		17	
MEEN	2145	1					
MEEN	2020	3					
MEEN	2300	2					
MSE	2160	3					
DISTRIBUTION	3						
TOTAL		21					

* **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.

ENGINEERING DRAFTING AND MANUFACTURING TECHNOLOGY

Taylorsville Redwood Campus, AT 208 (801) 957-4074

General Information (801) 957-4073

Academic Advisor (801) 957-4858

www.slcc.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 speciality areas of the student's choice.

GENERAL EDUCATION REQUIREMENTS (9-10 CREDITS)

COMMUNICATION

See pp 24-27 for options.

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

MATH 1010	Interm Algebra(QS)	4	A	MATH 0990 or CPT and RDG 0900 w/ C or better or appropriate placement

MAJOR COURSE REQUIREMENTS (12 CREDITS)

COURSE	CR	SEM	PREREQUISITES
*EDDT 1010 Tech Drafting I	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 1010, EDDT 1100 or concurrent

ELECTIVES (8 CREDITS)

(SELECT AT LEAST EIGHT CREDIT HOURS FROM THE FOLLOWING):

EDDT 1420 Basic Micro Stat	2	A	none
EDDT 2180 Elec Drafting	3	Sp	EDDT 1100
EDDT 2190 Civil Drafting	2	F, Sp	EDDT 1040, EDDT 1420
EDDT 2240 Steel Detailing	3	F	MATH 1010, EDDT 1040
EDDT 2340**Manufacturing Process	2	F	EDDT 1040, w/EDDT 2350
EDDT 2350 Manufac Process Lab	1	F	w/EDDT 2340
EDDT 2360 Pipe Drafting	2	Sp	EDDT 1040
EDDT 2540**Geo Dimen Tol	2	Sp	EDDT 1040
EDDT 2600 Modeling w/ SolidWorks	3	F	EDDT 1100
EDDT 2710 AutoDesk 3D Modeling	2	F, Sp	EDDT 1040 or AutoCAD Experience

*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

1st SEMESTER			2nd SEMESTER		
COMMUNICATION	3		EDDT 1200	4	
EDDT 1010	3		EDDT ELECTIVES	8	
EDDT 1040*	3		HUMAN RELATIONS	2-3	
EDDT 1100*	2		TOTAL	14-15	
MATH 1010	4				
TOTAL	15				

*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 on 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)

COURSE	CR	SEM	PREREQUISITES

COMMUNICATION

See pp 24-27 for options.

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

MATH 1010	Interm Algebra(QS)	4	A	MATH 0990 and RDG 0900 w/ C or better or appropriate placement

OR

IND 1120	Math for Industry	3	F, Sp	none

*MATH 1010 is a prerequisite for the math courses required in the AS degree for students who may want to continue toward an AS degree.

MAJOR COURSE REQUIREMENTS (21 CREDITS)

COURSE	CR	SEM	PREREQUISITES
*EDDT 1040 Intro to AutoCAD	3	A	none
EDDT 2340**Manufacturing Process	2	F, Sp	EDDT 1040, w/EDDT 2350
EDDT 2350 Manufacturing Lab	1	F	w/ EDDT 2340
EDDT 2540 Geo Dimen & Tol	2	Sp	EDDT 1040**
EDDT 2600 Modeling w/ SolidWorks	3	F, Sp	EDDT 1040 or CAD experience

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 Machining Lab	1	Sp	w/MCCT 1600
MCCT 2650 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**

1st SEMESTER			2nd SEMESTER		
EDDT 1040*	3		HUMAN RELATIONS	2-3	
EDDT 2600*	3		EDDT 2540	2	
EDDT 2340	2		COMM	3	
EDDT 2350	1		MCCT 2650	2	
MCCT 1500	2		MCCT 1600	2	
MCCT 1510	1		MCCT 1610	1	
MATH 1010	4		WLD 1005	3	
OR			TOTAL	15-16	
IND 1120	3				
TOTAL	15-16				

*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 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.

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' ability to advance to the level of designer in industry.

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS (11-12 CREDITS)			
COMPOSITION (EN)			
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 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. 24-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (37 CREDITS)

COURSE	CR	SEM	PREREQUISITES
*EDDT 1010 Tech Drafting I	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 1010, EDDT 1100 or concurrent
EDDT 1420 Basic MicroStn	2	A	none
EDDT 2160 Statics & Strgth of Mat	5	F	MATH1060
EDDT 2180 Elec Drafting	3	F	EDDT 1100
EDDT 2190 Civil Drafting	2	F, Sp	EDDT 1040, EDDT 1420
EDDT 2240 Steel Detailing	3	F	MATH 1010, EDDT 1040
EDDT 2340**Manufacturing Process	2	F, Sp	EDDT 1040, w/EDDT 2350
EDDT 2350 Manufac Process Lab	1	F, Sp	w/EDDT 2340
EDDT 2360 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 2990 Special Topics	1-5	A	Instructor approval
ARCH 2330 CAD Customization	3	Sp	ARCH 1310 or EDDT 1100 or Instructor approval

MECHANICAL ELECTIVES

COURSE	CR	SEM	PREREQUISITES
EDDT 2700 Adv Solid Works	2	F, Sp	EDDT 2600 or equiv experience
EDDT 2710 AutoDesk 3D Mod	2	Sp, Su	AutoCAD experience
MCCT 1500 Manual Machining	2	F	w/MCCT 1510
MCCT 1510 Manual Mach Lab	1	F	w/MCCT 1500
MCCT 1600 CNC Machine Theo	2	Sp	w/MCCT 1610
MCCT 1610 CNC Machining Lab	1	Sp	w/MCCT 1600
MCCT 2650 CAD/CAM	2	Sp	EDDT 2540 or conc. & EDDT 2600

STRUCTURAL/CIVIL ELECTIVES

COURSE	CR	SEM	PREREQUISITES
ARCH 2310 Model/Rend/Animation	3	F	ARCH 1310 or EDDT 1040
ARCH 2350 Adv Architectural Cad	3	Sp	ARCH 1310 or EDDT 1040
EDDT 2420 Adv MicroStation	2	Sp	EDDT 1420
SVT 1110 Surveying Math I	4	F	MATH 1010 or CPT
SVT 1030 Survey Field Tech	3	Sp	SVT 1110 or MATH 1060
SVT 2290 App Survey Draft	3	Sp	EDDT 2190, SVT 1030

SAMPLE SCHEDULE			
FIRST SEMESTER		SECOND SEMESTER	
COMMUNICATION	3	EDDT 1200	4
EDDT 1010	3	EDDT 1420*	2
EDDT 1040*	3	EDDT 2190	2
EDDT 1100*	2	EDDT 2340	2
DISTRIBUTION	3	EDDT 2350	1
TOTAL	14	EDDT 2540	2
SUMMER TERM**		MATH 1060	3
		TOTAL	16
THIRD SEMESTER		FOURTH SEMESTER	
EDDT 2160	5	EDDT 2240	3
EDDT 2180	3	EDDT 2360	2
EDDT 2600	3	EDDT ELECTIVES	9
ENGL 1010	3	HUMAN REL	3
EDDT ELECTIVE	2	TOTAL	17
TOTAL	16		

*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 on alternating semesters than those listed or in summer term.

NOTE: 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.

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)

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
QUANTITATIVE LITERACY (taken in AAS degree)			
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 (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 1220 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	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. 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.utahsbr.edu/hel02a.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 COURSE

CORE SKILLS (17 CREDITS)

COMPOSITION

ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better

QUANTITATIVE LITERACY

MATH 1210 Calculus I	4	A	MATH 1060

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 Princpls 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 0900 w/C or better
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (ECON1010)	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	CR	SEM	PREREQUISITES
CHEM 1110 Elem Chemistry	4	A	MATH 1010, w/CHEM 1115
CHEM 1115 Elem Chem Lab	1	A	w/CHEM 1110
OR			
CHEM 1210 Gen Chemistry I	4	A	MATH 1050, w/CHEM 1215
CHEM 1215 Gen Chem Lab I	1	A	w/CHEM 1210
PHYS 2010 College Physics I	4	A	MATH 1060, w/PHYS 2215
PHYS 2015 College Physics Lab I	1	A	w/PHYS 2010
OR			
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210
PHYS 2215 Physics f/Sci&Eng L I	1	A	w/PHYS 2210
EDDT 1040 Intro to CAD 3	3	A	none
EDDT 2340**Manufacturing Process	2	F, Sp	EDDT 1040, w/EDDT 2350
EDDT 2350 Manufac Process Lab	1	F	w/EDDT 2340
EDDT 2540**Geo Dim & Tol	2	Sp	EDDT 1040
EDDT 2600 Modeling w/ SolidWorks	3	F, Sp	EDDT 1040 or CAD experience
MCCT 1500 Manual Machining	2	F	w/MCCT 1510
MCCT 1510 Manual Mach Lab	1	F	w/MCCT 1500
MCCT 1600 CNC Machine Theo	2	Sp	w/MCCT 1610
MCCT 1610 CNC Machining Lab	1	Sp	w/MCCT 1600
MCCT 2650 CAD/CAM	2	Sp	EDDT 2540 or conc EDDT 2600
WLD 1005 Related Welding	3	A	none

*This prerequisite can be waived for equivalent experience or course; challenge test available.

**These courses can be taken concurrently with the prerequisites.

* **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 Day Students

1st SEMESTER			2nd SEMESTER		
EDDT	1040	3	ENGL	1010	3
EDDT	2340	2	MCCT	1600	2
EDDT	2350	1	MCCT	1610	1
MCCT	1500	2	AMERICAN INST		3
MCCT	1510	1	DISTRIBUTION		6
MATH	1210	4	HLAC		1
EDDT	2600	3	TOTAL		16
TOTAL		16			
SUMMER SEMESTER**					
3rd SEMESTER			4th SEMESTER		
ECON	1010	3	CHEM		5
WLD	1005	3	COMM	1010	3
ENGL	2010	3	EDDT	2540	2
PHYSICS		5	MCCT	2650	2
DISTRIBUTION		3	DISTRIBUTION		3
TOTAL		17	TOTAL		15

*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 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, WSU's Manufacturing Engineering Technology Bachelor of Science degree requires the following courses that may also be completed at SLCC before transferring:

COURSE	CR	SEM	PREREQUISITES
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	CR	SEM	PREREQUISITES
CORE SKILLS (17 CREDITS)			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better

QUANTITATIVE LITERACY

MATH 1210 Calculus I 4 A MATH 1060

AMERICAN INSTITUTIONSECON 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)

COMM 1010 Intro to Comm 3 A none

OR

COMM 1020 Princpls 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 0900 w/C or better
Fine Arts (FA)	3	A	none
Humanities (HU)	3	A	none
Interdisciplinary (ID)	3	A	none
Social Science (ECON 1010)	3	A	none

Physical Science is exempted, as CHEM 1110 is required in the program.

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (28 CREDITS)

COURSE	CR	SEM	PREREQUISITES
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210
PHYS 2215 Physics f/Sci&Eng L I	1	A	w/PHYS 2210
CHEM 1110 Elem Chem	4	A	MATH 1010, w/CHEM 1115
CHEM 1115 Elem Chem Lab	1	A	none
*EDDT 1040 Intro to AutoCAD	3	A	none
EDDT 1100 Adv AutoCAD	2	A	EDDT 1040
EDDT 2340** Manufacturing Process	2	F, Sp	EDDT 1040, w/EDDT 2350
EDDT 2350 Manufac Process Lab	1	F, Sp	w/EDDT 2340
EDDT 2540** Geo Dim & Tol	2	Sp	EDDT 1040
EDDT 2600 Modeling w/ SolidWorks	3	F	EDDT 1040 or CAD experience
MCCT 1500 Manual Machng	2	F	w/MCCT 1510
MCCT 1510 Manual Mach Lab	1	F	w/MCCT 1500
MCCT 2650 CAD/CAM	2	Sp	EDDT 2540 or conc and EDDT 2600

*Can be waived for equivalent experience or course.

**These courses can be taken concurrently with the prerequisites.

*** 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

1st SEMESTER		2nd SEMESTER	
EDDT 1040*	3	ENGL 1010	3
EDDT 1100*	2	EDDT 2540	2
EDDT 2340	2	PHYS 2210	4
EDDT 2350	1	PHYS 2215	1
MCCT 1500	2	AMERICAN INST	3
MCCT 1510	1	DISTRIBUTION	3
MATH 1210	4	TOTAL	16
TOTAL	15		

SAMPLE SCHEDULE

2ND FALL SEMESTER		2ND SPRING SEMESTER	
CHEM 1110	4	COMM 1010	3
CHEM 1115	1	OR	
ECON 1010	3	COMM 1020	3
EDDT 2600	3	MCCT 2650	2
ENGL 2010	3	DISTRIBUTION	9
HLAC	1	TOTAL	14
TOTAL	15		

*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. 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 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:

COURSE	CR	SEM	PREREQUISITES
MATH 1220 Calculus II	4	A	MATH 1210
PHYS 2220 Physics f/Sci&Eng II	4	A	PHYS 2210, w/PHYS 2225
PHYS 2225 Physics f/Sci&Eng LII	1	A	w/PHYS 2220
EDDT 2160 Statics & Strgth 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.

ENGINEERING DRAFTING TECHNOLOGY

SEE ENGINEERING DRAFTING AND MANUFACTURING TECHNOLOGY

ENGLISH

General Information (801) 957-4073

Taylorsville 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 Bown, Ron Christiansen, Mary Jayne 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 2710, ENGL 2740, 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 2820 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 also is 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.

SAMPLE SCHEDULE					
FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	ENGL	2010	3
ENGL	1030	3	ENGL	2510	3
ENGL	1800	4	OR		
ENGL	2500	3	ENGL	2100	3
ENGL	1810	3	MATH	1010	4
OR			ENGL	1820 (Sp)*	3
ENGL	1820	3	OR		
TOTAL		16	ENGL	1810 (F)*	3
			Elective		3
			Elective		3
			ENGL	1900	1
			TOTAL		17

*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)

COURSE	CR	SEM	PREREQUISITES
ENGL 1010 Intro to Writing	3	A	none
ENGL 1030 Writing in the Professions	3	F	none
Math 1010 Interm. Algebra or other	4	A	none
ENGL 2500 English Grammar	3	F	none
ENGL 2510 Stylistics	3	Sp	ENGL 1010
ENGL 1800 Digital Media Essentials	4	A	none
ENGL 1900 Spcl Studies (E-Portfolio)	1-3	A	Dept. App

CHOICE OF

ENGL 2010 Intermediate Writing	3	A	ENGL 1010
OR			
ENGL 2100 Technical Writing	3	A	ENGL 1010

CHOICE OF

ENGL 1810 Wrtng Cntr Theory/ Pract	3	F	none
OR			
ENGL 1820 Publication Studies	3	Sp	none

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

COURSE	CR	SEM	PREREQUISITES
BUS 2200 Business Communication	3	A	ENGL 1010
INTL 2060 Intl Lit and Culture	3	A	none
COMM 1130 Reprting f/Mass Media	3	A	none
COMM 1140 Environmental Comm	3	F, Sp	none
COMM 1610 Jrn I: Rprting/Wrtng	3	F, Sp	ENGL 1010
COMM 1620 Jrn II: Editing	3	F, Sp	COMM 1610
MATH 1030 Quantitative Reasoning	3	A	MATH 1010
POLS 2200 Intro Comparative Politics	3	TBA	instructor's approval
POLS 2300 Political Ideology	3	F, Sp	none

SAMPLE SCHEDULE					
FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	ENGL	2510	3
ENGL	1030	3	ENGL	2010	3
ENGL	1800	4	OR		
ENGL	2500	3	ENGL	2100	3
ENGL	1810	3	MATH	1010	4
OR			ENGL	1820	3
ENGL	1820 (Sp)*	3	OR		
TOTAL		16	ENGL	1810 (F)*	3
			ELECT		3
			ENGL	1900	1
			TOTAL		17

*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)

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
OR			
ENGL 2100 Technical Wrtng	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1030 Quant Reasoning	3	A	MATH 1010 or CPT
OR			
MATH 1040 Intro to Statistics	3	A	MATH 1010 or CPT
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)

COMPUTER LITERACY			
CIS 1020 Computer Essentials	3	A	none
(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 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.

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)

COURSE	CR	SEM	PREREQUISITES
LANG 1020 any language	5	A	LANG 1010 or approval

CHOOSE 3 OF THE 4:

ENGL 1200 INTRO TO LINGUISTICS	3	A	NONE
ENGL 2250 Intro/Imaginative Wrtg	3	A	ENGL 1010
ENGL 2600 Crit Intro Literature	3	A	none
ENGL 2700 Intro to Critical Theory	3	A	ENGL 2600

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:

COURSE	CR	SEM	PREREQUISITES
Engl 2260 Intro to Writing Poetry	3	Sp	none
ENGL 2270 Intro to Writing Fiction	3	Sp	none
ENGL 2280 Intro Creative Nonfiction	3	F	none
ENGL 2290 Intro Novel Writing	3	F	none
ENGL 2900 Special Topics	3	F, Sp	none

ENGLISH EMPHASIS WITH LITERATURE. MAJOR COURSE ENGL 2700 SUGGESTED.

CHOOSE 3 CREDITS FROM AMONG THE FOLLOWING:

COURSE	CR	SEM	PREREQUISITES
ENGL 2300 Intro to Shakespeare	3	F, Sp	ENGL 1010
ENGL 2330 Children's Literature	3	F, 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 2710 Intro to Folklore	3	A	none
ENGL 2810 Native Am Lit & Exp	3	Sp	ENGL 1010
ENGL 2900 Special Topics	3	A	none

ENGLISH EMPHASIS WITH WRITING STUDIES.

CHOOSE 9 CREDITS FROM AMONG THE FOLLOWING:

COURSE	CR	SEM	PREREQUISITES
ENGL 1800 Digital Media Essentials	3	A	none
ENGL 1810 Writing Cntr Theory/Prac	3	Sp	none
ENGL 1820 Publication Studies	3	F	ENGL 1800
ENGL 2000 English Co-op Education	2-4	A	instructor's approval
ENGL 2100 Technical Writing	3	A	ENGL 1010
ENGL 2500 Grammar	3	F	none
ENGL 2510 Stylistics	3	Sp	ENGL 1010
ENGL 2900 Special Topics	3	A	none

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:

COURSE	CR	SEM	PREREQUISITES
ENGL 2030 Language in Society	3	F, Sp	ENGL 1010
ENGL 2500 Grammar	3	F	none
ENGL 2510 Stylistics	3	Sp	ENGL 1010
ENGL 2900 Special Topics	3	A	none

ENGLISH EMPHASIS WITH A CULTURAL STUDIES.

CHOOSE 9 CREDITS FROM AMONG THE FOLLOWING:

COURSE	CR	SEM	PREREQUISITES
ENGL 2030 Language in Society	3	F, Sp	ENGL 1010
ENGL 2610 Diversity in Am Lit	3	A	ENGL 1010
ENGL 2760 Gender/Cultural Studies	3	A	none
ENGL 2810 Native Am Lit & Exp	3	Sp	ENGL 1010
ENGL 2830 Diverse Women Writers	3	A	ENGL 1010
ENGL 2850 GLBT Studies	3	A	none

*ENGLISH DEPARTMENT OFFERINGS

COURSE	CR	TTTSEM	PREREQ
ENGL 1030 Writing the Professions	3	F	none
ENGL 1050 Rdg. Contmp. Culture	3	A	none
ENGL 1060 Technology Studies	3	A	none
ENGL 1100 Diversity/Pop US Lit	3	A	none
ENGL 1200 Intro to Linguistics	3	A	ENGL 1010
ENGL 1800 Digital Media Essential	3	A	none
ENGL 1810 Writing Cntr Theory/Prac	3	Sp	none
ENGL 1820 Publication Studies	3	F	ENGL 1800
ENGL 1900 Special Studies	1-3	A	ENGL 1010

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 2250
ENGL 2270	Intro to Writing Fiction	3	Sp	ENGL 2250
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 2330	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 2760	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 2130	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.

SAMPLE SCHEDULE			
FALL SEMESTER		SPRING SEMESTER	
ENGL 1010	3	ENGL 2010	3
LANG 1020	5	ENGL REQMT	3
NON-ENGL ELECT	3	AMERICAN INST	3
STUDENT CHOICE	3	DISTRIBUTION	3
HLAC	1	MATH 1030	3
TOTAL	15	OR	
		MATH 1040	3
		TOTAL	15
2ND FALL SEMESTER		2ND SPRING SEMESTER	
ENGL REQMT	3	ENGL REQMT	3
ENGL EMPHASIS	3	ENGL EMPHASIS	3
DISTRIBUTION	9	DISTRIBUTION	6
ENGL EMPHASIS	3	NON-ENGL ELECT	3
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.utahsbr.edu/hel02a.html.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE* (minimum 61 credit hours)

GENERAL EDUCATION REQUIREMENTS		(34 CREDITS)	
COURSE		CR	SEM PREREQ
CORE SKILLS			
COMPOSITION			
ENGL 1010	Intro to Writing	3	A pre-test or WRTG 0990 with C or better
ENGL 2010	Interm Writing	3	A ENGL 1010 w/C or better
OR			
ENGL 2100	Technical Wrtng	3	A ENGL 1010
QUANTITATIVE LITERACY			
MATH 1030	Quant Reasoning	3	A MATH 1010 or CPT
OR			
MATH 1040	Intro to Statistics	3	A MATH 1010 or CPT

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) 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 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 (9 CREDITS REQUIRED)

COURSE	CR	SEM	PREREQ

Choose 3 of the 4:

ENGL 1200	Intro to Linguistics	3	A	none
ENGL 2250	Intro/ Imaginative Wrtg	3	A	ENGL 1010
ENGL 2600	Crit Intro Literature	3	A	none
ENGL 2700	Intro to Critical Theory	3	A	ENGL 2600

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 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 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:

COURSE		CR	SEM	PREREQ
Engl 2260	Intro to Writing Poetry	3	Sp	none
ENGL 2270	Intro to Writing Fiction	3	Sp	none
ENGL 2280	Intro Creative Nonfiction	3	F	none
ENGL 2290	Intro Novel Writing	3	F	none
ENGL 2900	Special Topics	3	F, Sp	none

ENGLISH EMPHASIS WITH LITERATURE. MAJOR COURSE ENGL 2700 SUGGESTED.

CHOOSE 9 CREDITS FROM AMONG THE FOLLOWING:

COURSE		CR	SEM	PREREQ
ENGL 2300	Intro to Shakespeare	3	F, Sp	ENGL 1010
ENGL 2330	Children's Literature	3	F, Sp	ENGL 1010
ENGL 2610	Diversity in Am Lit	3	TBA	ENGL 1010
ENGL 2620	Lit Cult & Ideas/Brit Wrtg	3	TBA	ENGL 1010
ENGL 2710	Intro to Folklore	3	A	none
ENGL 2810	Native Am Lit &Exp	3	Sp	ENGL 1010
ENGL 2900	Special Topics	3	A	none

ENGLISH EMPHASIS WITH WRITING STUDIES.**CHOOSE 9 CREDITS FROM AMONG THE FOLLOWING:**

COURSE	CR	SEM	PREREQ			
ENGL 1800	Digital Media Essentials	3	A	none		
ENGL 1810	Writing Cntr Theory/Prac	3	Sp	none		
ENGL 1820	Publication Cntr Studies	3	F	ENGL 1800		
ENGL 2000	English Co-op Education	2-4	A	instructor's approval		
ENGL 2100	Technical Writing	3	A	ENGL 1010		
ENGL 2500	Grammar	3	F	none		
ENGL 2510	Stylistics	3	Sp	ENGL 1010		
ENGL 2900	Special Topics	3	A	none		

For non-English electives, see the Writing Certificate electives below.

ENGLISH EMPHASIS WITH AN ENGLISH LANGUAGE STUDIES. MAJOR COURSE**ENGL 1200 SUGGESTED.****CHOOSE 9 CREDITS FROM AMONG THE FOLLOWING:**

COURSE	CR	SEM	PREREQ			
ENGL 2030	Language in Society	3	F, Sp	ENGL 1010		
ENGL 2500	Grammar	3	F	none		
ENGL 2510	Stylistics	3	Sp	ENGL 1010		
ENGL 2900	Special Topics	3	A	none		

ENGLISH EMPHASIS WITH A CULTURAL STUDIES.**CHOOSE 9 CREDITS FROM AMONG THE FOLLOWING:**

COURSE	CR	SEM	PREREQ			
ENGL 2030	Language in Society	3	F, Sp	ENGL 1010		
ENGL 2610	Diversity in Am Lit	3	A	ENGL 1010		
ENGL 2760	Gender/Cultural Studies	3	A	none		
ENGL 2810	Native Am Lit & Exp	3	Sp	ENGL 1010		
ENGL 2830	Diverse Women Writers	3	A	ENGL 1010		
ENGL 2850	GLBT Studies	3	A	none		

NON-ENGLISH ELECTIVES (9 CREDITS)

Complete 9 credits from the English Department Offerings or any college course numbered 1000 or above.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL 1010	3		ENGL 2010	3	
NON-ENGL ELECT	9		ENGL REQMNT	3	
STUDENT CHOICE	3		AMERICAN INST	3	
HLAC	1		DISTRIBUTION	3	
TOTAL	16		MATH 1030	3	
			OR		
			MATH 1040	3	
			TOTAL	15	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ENGL REQMNT	6		ENGL EMPHASIS	6	
ENGL EMPHASIS	3		DISTRIBUTION	9	
DISTRIBUTION	6		TOTAL	15	
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.utahsbr.edu/hel02a.html.

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES
ENGL 1010	Intro to Writing	3	A pre-test
ENGL 1030	Writing the Professions	3	F none
ENGL 1050	Rdg. Contmp. Culture	3	A none
ENGL 1060	Technology Studies	3	TBA none
ENGL 1100	Diversity/ Pop US Lit	3	A none
ENGL 1200	Intro to Linguistics	3	A ENGL 1010
ENGL 1800	Digital. Media Essential	3	A none
ENGL 1810	Writing Cntr Theory/Prac	3	Sp none
ENGL 1820	Publication Studies	3	F ENGL 1800
ENGL 1900	Special Studies	1-3	A ENGL 1010
ENGL 2000	English CO-OP Education	2-4	A instructor's approval
ENGL 2010	Intermediate Writing	3	A ENGL1010
ENGL 2030	Language in Society	3	F, Sp ENGL 1010
ENGL 2100	Technical Writing	3	A ENGL 1010
ENGL 2250	Intro/ Imaginative Wrtg	3	F, Sp ENGL 1010
ENGL 2260	Intro to Writing Poetry	3	Sp ENGL 2250
ENGL 2270	Intro to Writing Fiction	3	Sp ENGL 2250

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 2330	Children's Literature	3	F, Sp ENGL 1010
ENGL 2500	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/Brit Wrtg	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	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
ENGL 2900	Special Topics	1-3	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. An 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.

LEVEL 1: BEGINNING ESL COURSE

	CR	SEM	PREREQUISITES
KESL 0110 Beginning Grammar	0	A	CASAS 181-200
KESL 0120 Bgn Rd/Wrt/Spk	0	A	CASAS 181-200
KESL 0450 Language Lab	0	A	CASAS 181-200

LEVEL 2: INTERMEDIATE ESL COURSE

	CR	SEM	PREREQUISITES
KESL 0210 Interm Grammar	0	A	CASAS 201-220
KESL 0220 Intm Rd/Wrt/Spk	0	A	CASAS 201-220
KESL 0250 Intrm Lstn/Note-Tkng	0	A	CASAS 201-220
KESL 0450 Language Lab	0	A	CASAS 201-220

LEVEL 3: ADVANCED ESL COURSE

	CR	SEM	PREREQUISITES
KESL 0310 Adv Grammar	0	A	CASAS 221-235
KESL 0320 Adv Rd/Wrt/Spk	0	A	CASAS 221-235
KESL 0350 Adv Lstn/Note-Tkng	0	A	CASAS 221-235
KESL 0450 Language Lab	0	A	CASAS 221-235

LEVEL 3 (C): ADVANCED PRE-COLLEGE COURSE

	CR	SEM	PREREQUISITES
KESL 0720 Reading/Writing	0	A	CASAS 236 & above
KESL 0730 Listening/Speaking	0	A	CASAS 236 & above
KESL 0740 Computer Skills	0	A	CASAS 236 & above
KESL 0750 Pre-Col Workshop	0	A	CASAS 236 & above

LEVEL 4: COLLEGE ESL COURSE

	CR	SEM	PREREQUISITES
ESL 1010 College Listen/Spk	7	A	LOEP>72,/TOEFL 133-172/IBT 45
ESL 1020 College Read/Write	8	A	LOEP>72,/TOEFL 133-172/IBT 45
ESL 1030 ESL Conversation	3	A	LOEP>72,/TOEFL 133-172/IBT 45
ESL 1040 ESL Grammar	3	F	LOEP>72,/TOEFL 133-172/IBT 45
ESL 1050 ESL Vocabulary	3	F	LOEP>72,/TOEFL 133-172/IBT 45
ESL 1060 ESL Pronunciation	3	F	LOEP>72,/TOEFL 133-172/IBT 45
ESL 1070 TOEFL Preparation	3	Sp	none
ESL 1080 Bus English for ESL	3	Sp	LOEP>72,/TOEFL 133-172/IBT 45
ESL 1090 Am Culture/Citizen	3	Sp	LOEP>72,/TOEFL 133-172/IBT 45

ENVIRONMENTAL GEOLOGY

SEE GEOSCIENCES.

ENVIRONMENTAL RESOURCE MANAGEMENT, BS

SEE UNIVERSITY CENTER.

ETHNIC STUDIES

SEE SOCIAL WORK.

FAMILY AND HUMAN STUDIES

SEE ALSO EDUCATION AND PARAEDUCATION.

Estimated cost of books and supplies per course	\$75

General Information (801) 957-4189
Eccles ECD Lab School (801) 957-4567
Academic Advisor (801) 957-3361

Professor: Dale Smith
Assistant Professors: Janet Brohm, Lois Oestreich
Instructor: Sally Schramm

Family and Human Studies students develop the skills needed to provide professional early childhood education services for young children and families.

This introductory level program will acquaint students to the multi-faceted, multi-skilled early childhood profession. Students

learn issues in the provision of services to children birth through age eight in a child care or elementary setting. The program also requires service learning and lab school participation where the student is assigned to work with seasoned professionals in the field enabling each to apply and further understand theoretical frameworks discussed in class.

THE PROGRAM

The 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 qualifications 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.

CERTIFICATE OF COMPLETION

The one-year Certificate of Completion is for students who want intensive instruction in early childhood development, but are not seeking a two-year degree. The one-year Certificate of Completion requires the same FHS courses as the two-year degrees, but eliminates most General Education requirements. Course-work completed in pursuit of the one-year Certificate of Completion can be applied toward the AS and AAS degrees.

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 facility. 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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm 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
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

**INSTITUTIONAL REQUIREMENTS
LIFELONG WELLNESS**

HLAC ____	1	A	none

STUDENT CHOICE (3 CREDITS)**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)	3-4	A	RDG 0900 w/C or better

(Take a BIOL GE w/a lab for transfer.)

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 (22 CREDITS)

COURSE	CR	SEM	PREREQUISITES
FHS 1500 Human Develop	3	A	none
FHS 2500 Child Develop	3	Sp	FHS 1500, FHS 2600, FHS 2610, w/FHS 0010

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, Sp	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)

EDU 2010 Intro Special Ed	3	F, Sp	none
EDU 2140 Tech for Teachers	2	F	none
*FHS 1900 Spec Topics	1-2	F, Sp	approval
*FHS 2000 CO-OP	1-2	F, Sp	approval
FHS 2020 Spec Studies CDA Cmp	3	A	CDA Credential
FHS 2300 Administration	2	Sp	none
FHS 2330 Math Science Chld	2	F	FHS 2600
FHS 2350 Art Music Chld	2	F	FHS 2600
FHS 2400 Marriage Fam Rel	3	A	none
FHS 2550 Infnt Growth Dev	2	Sp	FHS 1500
FHS 2570 Growth Dev 6-12	3	Sp	none
FHS 2640 Fam, School & Comm. Rel	3	Sp	none

* A total of one credit from either FHS 1900 or FHS 2000 can be applied toward graduation.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL 1010	3		ENGL 2010	3	
FHS 1500	3		FHS 2500	3	
FHS 2600	3		FHS 2610	3	
HLAC	1		DISTRIBUTION	6	
AMERICAN INST	3		TOTAL	15	
STUDENT CHOICE	3				
TOTAL	16				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
FHS 2620	3		FHS 2800	5	
MATH 1030	3		FHS 2820	2	
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.utahsbr.edu/hel02a.html.

**ASSOCIATE OF APPLIED SCIENCE^{CTE}
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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE STUDIES			
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
COMMUNICATION			
COMM1010 Elem of Eff Comm	3	A	none
HUMAN RELATIONS			
FHS 2640 Wrkng w/Parents	2	F	none

DISTRIBUTION AREAS

Choose three to six credit hours from 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

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (31 CREDITS)

COURSE	CR	SEM	PREREQUISITES
BUS 1050 Foundations of Bus	3	A	none
FHS 1500 Human Develop	3	A	none
FHS 2500 Child Develop	3	Sp	FHS 1500, FHS 2600, FHS 2610, w/FHS 0010
FHS 2600 Intro to ECE	3	F, Sp	w/FHS 0010
FHS 2610 Child Guidance	3	F, Sp	w/FHS 0010
FHS 2620 Creative Learning	3	F	FHS 1500, FHS 2600, FHS 2610, w/FHS 0010
FHS 2800 Prctcum Teach	5	F, Sp	FHS 2500, FHS 2620, w/FHS 2820, instructor's approval
FHS 2820 Teaching Sem	2	F, Sp	FHS 2500, FHS 2620, w/FHS 2800, instructor's approval
MGT 2070 Hu Res Mgmt	3	F, Sp	BUS 1050

NOTE: FHS 0010 is a two hour per week lab.**ELECTIVES (21 CREDITS)**

EDU 2010 Intro Special Ed	3	F, Sp	none
*FHS 1900 Spec Topics	1-2	F, Sp	instructor's approval
*FHS 2000 CO-OP	1-2	F, Sp	instructor's approval
FHS 2020 SpcStudiesCDACmp	3	A	CDA Credential
FHS 2300 Administration	2	Sp	none
FHS 2330 Mth Scnce Chld	2	F	FHS 2600
FHS 2350 Art Music Chld	2	F	FHS 2600
FHS 2400 Marriage Fam Rel (ID)	3	A	none
FHS 2550 Infnt Growth Dev	2	Sp	FHS 1500
FHS 2570 Growth Dev 6-12	3	Sp	none
FHS 2640 Fam, School & Comm. Rel	3	Sp	none

* A total of one credit from either FHS 1900 or FHS 2000 can be applied toward graduation.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
COMM 1010	3		BUS 1050	3	
ENGL 1010	3		FHS 2500	3	
FHS 1500	3		FHS ELECTIVES	5	
FHS 2600	3		FIN 1380	3	
FHS 2610	3		MGT 2070	3	
TOTAL	15		TOTAL	17	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
DISTRIBUTION	3		FHS 2800	5	
FHS 2620	3		FHS 2820	2	
HR	3		ELECTIVES	9	
ELECTIVES	7		TOTAL	16	
TOTAL	16				

**CERTIFICATE OF COMPLETION/^{CTE}
FAMILY AND HUMAN STUDIES**

(minimum 36 hours required)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
COMM1010 Intro to Comm	3	A	none
OR			
COMM1020 Princpls of Pub Spk	3	A	none

MATH 1030 Quant Reasoning	3	A	MATH 1010
OR			
MATH 1040 Statistics	3	A	MATH 1010
OR			
MATH 1050 College Algebra	4	A	MATH 1010
FIN 1380 Financial Math	3	A	MATH 0990
FHS 0010 Supervised Lab Exp	0	A	none
FHS 1500 Human Develop	3	A	none
*FHS 2500 Child Develop	3	Sp	FHS 1500, FHS 2600, FHS 2610, w/FHS 0010

*FHS 2600 Intro to ECE	3	F, Sp	w/FHS 0010
*FHS 2610 Child Guidance	3	F, Sp	w/FHS 0010
*FHS 2620 Creative Learning	3	F	FHS 1500, FHS 2600, FHS 2610, w/FHS 0010
FHS 2640 Fam, School & Comm. Rel	3	Sp	none
FHS 2800 Prctcum Teach	5	F, Sp	FHS 2500, FHS 2620, w/FHS 2820, instructor's approval
FHS 2820 Teaching Sem	2	F, Sp	FHS 2500, FHS 2620, w/FHS 2800, instructor's approval

____ Electives 5

*A Lab at the Eccles Lab School must be taken with the following courses: FHS 2500, FHS 2600, FHS 2610, FHS 2620.

NOTE: FHS 0010 is a two hour per week lab.**ELECTIVES (5 CREDITS)**

EDU 2010 Intro Special Ed	3	F, Sp	none
EDU 2140 Tech for Teachers	2	F	none
FHS 1320 Hlth Sfty Nut	2	F	none
*FHS 1900 Spec Topics	1-2	F, Sp	instructor's approval
*FHS 2000 CO-OP	1-2	F, Sp	instructor's approval
FHS 2300 Administration	2	Sp	none
FHS 2330 Mth Scnce Chld	2	F	FHS 2600
FHS 2350 Art Music Chld	2	F	FHS 2600
FHS 2400 Marriage Fam Rel	3	A	none
FHS 2550 Infnt Growth Dev	2	Sp	FHS 1500
FHS 2570 Growth Dev 6-12	3	Sp	none

* A total of one credit from either FHS 1900 or FHS 2000 can be applied toward graduation.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
FHS 0010	0		FHS 2500	3	
FHS 1500	3		FHS 2800	5	
FHS 2600	3		FHS 2820	2	
FHS 2610	3		ELECTIVES	5	
FHS 2620	3		MATH 1030	3	
FHS 2640	2		OR		
COMM 1010	3		MATH 1040	3	
OR			OR		
COMM 1020	3		MATH 1050	4	
TOTAL	17		TOTAL	18-19	

**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:

2460 16TH STREET, NW
WASHINGTON, D.C. 20009-3575
OR CALL TOLL FREE 1-800-424-4310

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

COURSE	CR	SEM	PREREQUISITES
FHS 1500 Human Develop	3	A	none
FHS 1900 Spec Topics	1-2	F, Sp	approval
FHS 2600 Intro to ECE	3	F, Sp	w/FHS 0010
FHS 2610 Child Guidance	3	F, Sp	w/FHS 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/pcd

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

(minimum 41 hours required)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
FASH 1010 Intro to Fashion	3	A	none
FASH 1100 Mths of Pattn Design	3	A	FASH 1500
FASH 1210 Fashion Illus/Design I	2	F, Sp	none
FASH 1350 History of Fashion	2	F	none
FASH 1501 Adv Sewing	3	F, Sp	FASH 1500 or approval
FASH 1505 Intermediate Sewing	3	F, Sp	FASH 1500
FASH 2010 Textiles	2	F	none
FASH 2100 Adv Methods of Pat	3	F, Sp	FASH 1100
FASH 2400 Adv Design	4	Sp	FASH 1100, FASH 1200, FASH 1505, FASH 2010, w/FASH 2100, MGT 1100
FASH 2450 Fashion Design Portfolio	2	Sp	FASH 1210, FASH 2100, FASH 2400,
FASH 2500 Fashion Entrepreneurship	3	F, Sp	none*

*Recommended to follow FASH 1100, FASH 1200, FASH 1505, concurrent with FASH 2010 & FASH 2100.

ELECTIVES (OPTIONAL)

(MAY SUBSTITUTE FOR ABOVE REQUIRED COURSES)

COURSE	CR	SEM	PREREQUISITES
FASH 1150 Your Personal Pattern	2	Sp	FASH 1500
FASH 1220 Fashion Illustration II	2	F, Sp	FASH 1210
FASH 1300 Visual Merchandising	2	Sp	none
FASH 1370 20th Century Fashion	2	F	FASH 1350 recom.
FASH 1400 Corset Making	2	F	FASH 1505
FASH 1450 Bridal Design I	2	F	FASH 1505
FASH 1500 Beginning Sewing	3	A	None
FASH 1550 Beginning Alterations	2	F	basic sewing knowledge
FASH 1551 Adv Alterations & Fit	2	F, Sp	FASH 1550
FASH 1600 Serger Techniques	2	F, SP	FASH 1500
FASH 1610 Knitwear Design	3	Sp	FASH 1570, FASH 1500 or basic sewing knowledge
FASH 1650 Embellishments	2	F	none
FASH 1700 Tailoring	3	Sp	FASH 1505
FASH 1850 Fashion Show Production	4	Sp	none
FASH 1900 Special Projects	1-3	A	instructor approval
FASH 2000 Internship for Fashion	3	A	instructor approval
FASH 2200 Psychology of Clothing	2	F	none
FASH 2240 Fashion Buying & Mgt	2	F	none
FASH 2260 Fashion Forecasting/Mktg	2	Sp	none
FASH 2300 Costuming	3	F, Sp	FASH 1350, FASH 1505, FASH 2010

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 1150	Foundation Seminar (HR)
<i>(Recommended for Visual Art & Design students only)</i>	
COMM 2110	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)

COMM 1010	Elements of Effective Communication (CM)
COMM 1020	Principles of Public Speaking (CM)
CTEL 1020	Career Speech Skills (CM)

QUANTITATIVE OPTIONS (QS)

ART 1210	Math for Visual Arts (QS)
FIN 1380	Financial Mathematics (QS)
MATH 1010	Intermediate Algebra (QS)

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
FASH 1010	3	FASH 1510	3
FASH 1100	3	FASH 2100	3
FASH 1210	2	FASH 2400	4
FASH 1350	2	FASH 2450	2
FASH 1505	3	FASH 2500	3
FASH 2010	2	TOTAL	15
FASH ELEC	2		
TOTAL	17		
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)

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	CPT Score or WRTG 0990 w/C or better

QUANTITATIVE STUDIES

MATH 1010 Inter Algebra	4	A	MATH 0990 or CPT score

COMMUNICATION

COMM 1010 Elem of Eff Comm	3	A	none
COMM 1020 Principles of Public Speaking	3	A	none
CTEL 1020 Career Speech Skills	3	A	none

HUMAN RELATIONS 3

See pp. 24-25 for options in this categories.

DISTRIBUTION AREAS

Choose an additional three credits 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

COURSE	CR	SEM	PREREQUISITES
ART 1310 Basic Photography	4	A	none
COMM 2500 Elem/Iss Dig Med	4	A	none
FLM 1045 Beginning Film Production	6	A	none
FLM 1055 Intermediate Film Prod.	6	F,Sp	FLM 1045
FLM 1515 Basic Audio Production	3	A	none
FLM 1800 Digital Media Essent	4	A	none
FLM 1075 Screenwriting	3	F,Sp	none
FLM 2015 Film Dir.for Techs	4	F,Sp	FLM 1045, FLM 1055
COMM/FLM 2510 Adv Video Prod. - Doc	3	F,Sp	FLM 1045
FLM 2045 Commercial Film Prod.	4	F,Sp	FLM 1045, 1055
FLM 2065 Motion Pict Sound	4	F,Sp	FLM 1515
FLM 2715 Adv Physical Production	4	Sp	FLM 1045, 1055, 1060

ELECTIVES (2 CREDITS)

FLM 1070 Film And Culture	4	TBA	none
FLM 1900 Independent Stud	1-2	TBA	instructor approval
*FLM 2750 FlmProd Intrnshp	3	F,Sp	FLM 2030, FLM 2040
THEA 2443 Mus Theatre Perf	3	TBA	THEA 1033 or instructor approval
THEA 1160 Techl Theatre I Lab	3	TBA	w/THEA 1513
THEA 1513 Stagecraft	3	TBA	w/THEA 1160
THEA 1190 Production	3	F,Sp	none
THEA 1223 Make-Up	3	TBA	none
THEA 2520 Creative Dramatics	2	TBA	none

*Recommended

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL 1010	3		MATH 1010	4	
FLM 1045	6		FLM 1055	6	
ART 1310	4		FLM 1800	4	
COMM 2500	4		FLM 1075	3	
TOTAL	17		COMM	3	
			TOTAL	20	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
FLM 2015	4		FLM 2065	4	
FLM 2045	4		FLM 2715	4	
FLM 2065	4		COMM 2510	4	
FLM 1515	3		DIST	3	
HR	3		ELEC	2	
TOTAL	18		TOTAL	17	

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 Suetorsak

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 assistant 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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE STUDIES			
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
COMMUNICATION			
BUS 2200 Bus Communications	3	A	ENGL 1010 w/C or better
HUMAN RELATIONS			
MKTG 1960 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 0900 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

COURSE	CR	SEM	PREREQUISITES
ACCT 2010 Survey Fin Acct	3	A	none
ACCT 2020 Managerial Acct	3	A	ACCT 1110 or ACCT 2010, CIS 1020 or comp
BUS 1050 Foundations of Bus	3	A	none
MKTG 1010 Cust Serv Tech	2	A	none
ECON 2010 Microeconomics	3	A	none
ECON 2020 Macroeconomic	3	A	none
FIN 1050 Personal Financ	3	A	none
FIN 1210 Princ of Banking	2	F, Sp	none
FIN 2040 Financial Mngmt	3	Sp	ACCT 2020
FIN 2100 Intro to Invstmnt	3	F, Sp	FIN 1050
FIN 2200 Personal Fin Pln	3	Sp	FIN 1050
FIN 2210 Princ of Bus Credit	2	A	ACCT 1110 or ACCT 2010
FIN 2950 Exec Lectures I	1	Sp	none
MGT 2050 Legal Env Bus	3	A	BUS 1050
— — — — — Fin/Non Fin Elec	10		

**FINANCE AND CREDIT ELECTIVES
(7 CREDITS MINIMUM)**

*ECON 1010 Economics Soc	3	A	none
ECON 1400 Econ Hist Am Lb	3	Sp	HIST 1700 or ECON 1740
ECON 1740 Econ Hist of US	3	A	none
ECON 2100 Labor Economic	3	F, Sp	ECON 2010 and ECON 2020
ECON 2200 Money & Bankng	3	Sp	ECON 2010, ECON 2020
ECON 2400 Intl Econ/Fin	3	F	ECON 2010, ECON 2020
ECON 2990 Special Studies	1-3	TBA	instructor's approval
FIN 2000 CO-OP	1-3	A	instructor's approval
FIN 2150 Mutual Funds	3	Sp	FIN 1050 or instructor's approval
FIN 2220 Fin Stmt Analysis	2	F, Sp	ACCT 1120, or ACCT 2010 and FIN 2210 or concurrent
FIN 2240 Credit Law	2	F, Sp	FIN 2210
FIN 2600 Securities Trading I	3	F, SP	none
FIN 2960 Executive Lect II	1	Sp	FIN 2950
FIN 2990 Spec Std Financ	1-3	TBA	instructor's approval

*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.

**NON-FINANCE AND CREDIT ELECTIVES
(3 CREDITS MAXIMUM)**

BUS 1910	PBL Sp Projects	2	TBA	none
BUS 1100	Calculus for Bus	3	A	MATH 1050 or MATH 1090
MKTG 1030	Intro to Marketing	3	A	none
**MKTG 1050	Consumerism	3	A	none
MKTG 1480	Sales	3	Sp	none
MGT 2040	Business Stat I	4	A	FIN 1380 or MATH 1010, BUS 1050, CIS 1020 or competency
MGT 2600	Intl Trade & Bus	3	Sp	BUS 1050 or ECON 2020
*MGT 2950	Entrepreneur For	1	F	none

*Cannot be taken if FIN 2960 taken as a Finance elective.

**Cannot be taken for both ID General Education and elective.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
BUS 1050	3		ACCT 2010	3	
MKTG 1010	2		ECON 2010	3	
FIN 1050	3		ENGL 1010	3	
FIN 1210	2		FIN 2100	3	
FIN 2950	1		FIN ELECTIVES	5	
DISTRIBUTION	6		TOTAL	17	
TOTAL	17				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ACCT 2020	3		FIN 2040	3	
BUS 2200	3		FIN 2200	3	
ECON 2020	3		FIN ELECTIVE	2	
FIN 1380	3		NON FIN ELECTIVE	3	
FIN 2210	2		MKTG 1960	3	
MGT 2050	3		TOTAL	14	
TOTAL	17				

**CERTIFICATE OF COMPLETION/CTE
FINANCE AND CREDIT
(MINIMUM 34 HOURS REQUIRED)****MAJOR COURSE REQUIREMENTS**

COURSE	CR	SEM	PREREQUISITES
ACCT 2010 Survey Fin Acct	3	A	none
BUS 1050 Foundations of Bus	3	A	none
BUS 2200 Bus Communications	3	A	ENGL 1010 w/C or better
MKTG 1010 Cust Serv Tech	2	A	none
ENGL 1010 Intro to Writing	3	A	pre-test
FIN 1050 Personal Fin	3	A	none
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
FIN 2950 Exec Lectures I	1	Sp	none
FIN — Electives	10		

CHOOSE ONE OF THE FOLLOWING:

ECON 2010 Microeconomics	3	A	none
OR			
ECON 2020 Macroeconomics	3	A	none

FINANCE ELECTIVES (10 CREDITS)

BUS 1910	PBL Sp Projects	2	TBA	none
ECON 1010	Economics Soc Sci	3	A	none
ECON 1400	Econ Hist Am Lb	3	Sp	HIST 1700 or ECON 1740
ECON 1740	Econ Hist of US	3	A	none
*ECON 2010	Microeconomics	3	A	none
*ECON 2020	Macroeconomics	3	A	none
ECON 2100	Labor Economics	3	F, Sp	ECON 2010 and ECON 2020
ECON 2400	Intl Econ/Fin	3	F	ECON 2010 or ECON 2020
FIN 1210	Principles Bankg	2	F, Sp	none
FIN 2000	CO-OP	1-3	A	2.0 GPA with study related employment
FIN 2150	Mutual Funds	3	Sp	FIN 1050 or instructor's approval
FIN 2200	Personal Fin Pln	3	Sp	FIN 1050
FIN 2210	Princ of Bus Credit	2	A	ACCT 1110 or ACCT 2010
FIN 2960	Executive Lect II	1	F, Sp	FIN 2950
FIN 2990	Spec Std Financ	1-3	TBA	approval
MGT 2050	Legal Env of Bus	3	A	BUS 1050

*Whichever one is not used to satisfy the Core Requirement.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
BUS 1050	3		ACCT 2010	3	
MKTG 1010	2		BUS 2200	3	
ENGL 1010	3		FIN 1380	3	
FIN 1050	3		FIN 2950	1	
FIN ELECTIVES	6		FIN ELECTIVES	4	
TOTAL	17		ECON 2010	3	
			OR		
			ECON 2020	3	
			TOTAL	17	

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) 957-4073****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

COURSE	CR	SEM	PREREQUISITES
DANCE			
DANC 1010 Dance & Culture (FADV)	3	A	none
DANC 1090 Bridging the Arts (FA)	3	A	none
DANC 1100 Intro Ballet I (FA)	3	A	none
DANC 1110 Ballet II (LW)	2	F, Sp	DANC 1100 or instructor's approval
DANC 1200 Intro Mod Dnc I (FA)	3	A	none
DANC 1210 Modern Dance II (LW)	2	F, Sp	DANC 1200 or instructor's approval
DANC 1500 Intro Jazz Dnc I (FA)	3	A	none

DANC 1510 Jazz Dance II (LW)	2	F, Sp	DANC 1500 or instructor's approval
DANC 1580 Intro Tap Dnc I	3	F, Sp	none
DANC 1590 Tap Dance II	2	Sp	DANC 1580 or instructor's approval
DANC 1800 SLCC Dance Co	1	F, Sp	audition only
DANC 1700 Mod Imp/Chor	1	F	DANC 1200 or instructor's approval
DANC 1900 Special Projects	1-2	F, Sp	Department approval
DANC 2100 Ballet III	2	F	DANC 1110 or instructor's approval
DANC 2110 Ballet IV	2	Sp	DANC 2100 or instructor's approval
DANC 2200 Mod Dance III	2	F	DANC 1210 or instructor's approval
DANC 2210 Mod Dance IV	2	Sp	DANC 2200 or instructor's approval
DANC 2500 Jazz Dance III	2	F	DANC 1510 or instructor's approval
DANC 2510 Jazz Dance IV	2	Sp	DANC 2500 or instructor's approval
DANC 2580 Tap Dance III	2	Sp	DANC 1590 or instructor's approval
DANC 2700 Dnc Imp/Chor II	1	Sp	DANC 1700
DANC 2800 SLCC Dance Co II		F, Sp	Danc 1800
DANC 2900 Special Topics	1-2	Sp	department approval
DANC 2990 Perf Arts Con	2	Sp	department approval

FILM

(SEE ALSO "FILM PRODUCTION TECHNICIAN" PROGRAM.)

COURSE	CR	SEM	PREREQUISITES
FLM 1023 Intro to Film (FA)	4	A	none
FLM 1045 Beginning Film Prod	6	A	none
FLM 1055 Intermediate Film Prod.	6	F,Sp	FLM 1045
FLM 1075 Screenwriting	3	F,Sp	none
FLM 1070 Film & Culture (FA, DV)	4	A	none
FLM 1100 Acting f/Camera	1	A	Concurrent w/FLM 1101
FLM 1101 Acting f/Cam. Lab	3	A	Concurrent w/FLM 1100
FLM 1515 Basic Audio Production	3	A	none
FLM 1800 Digital Media Essential	4	A	none
FLM 1900 Indep Studies	1-2	TBA	
FLM 2010 UndFlmDir f/Tech	2	Sp	w/FLM 2011
FLM 2015 Film Dir. tor Techs	4	F, Sp	FLM 1045, FLM 1055
FLM 2045 Comm. Film Prod	4	F, Sp	FLM 1045, FLM 1055
FLM 2065 Motion Pict Sound	4	F, Sp	FLM 1515
FLM 2200 Intro Flm Criticism	4	A	ENGL 1010, LM 1023, THEA 1023 or FLM/THE 1070
FLM 2715 Adv Physical Prod	4	Sp	FLM 1045, FLM1055
FLM 2800 Acting f/Directors	1	F	FLM 1060
FLM 2801 Acting f/Direct Lab	2	F	Concurrent w/FLM 2801
FLM 2900 Special Topics	1-3	TBA	Concurrent w/FLM 2800

FINE ARTS

COURSE	CR	SEM	PREREQUISITES
FA 1050 Photography (FA)	3	A	none
FA 1080 Basic Metal Sclpt(FA)	3	A	none
FA 1090 Bridging the Arts (FA)	3	A	none

MUSIC

(SEE ALSO "MUSIC" DEGREE PROGRAM.)

COURSE	CR	SEM	PREREQUISITES
MUSC 0990 Recital Attend	0	A	none
MUSC 1010 Intro to Music (FA)	3	A	none
MUSC 1030 Survey of Jazz (FA)	3		none
MUSC 1040 SurvAm Pop Music (FA)	3		none
MUSC 1050 Songwriting I	2	F, Sp	none
MUSC 1060 Songwriting II	2	Sp	none
MUSC 1080 Intro to World Music	3		none
MUSC 1090 Bridging the Arts (FA)	3	A	none
MUSC 1100 Intro Mus Theory	2	F, Sp	none
MUSC 1110 Music Theory I	3	A	w/MUSC 1130
MUSC 1130 SS and Ear I	1	A	w/MUSC 1110
MUSC 1120 Music Theory II	3	Sp	MUSC 1110, w/MUSC 1140

MUSC 1140 SS and Ear II	1	Sp	MUSC 1130, w/MUSC 1120
MUSC 1145 Intro to Piano	2	F	none
MUSC 1150 Group Piano I	1	F, Sp	none
MUSC 1160 Group Piano II	1	Sp	MUSC 1150
MUSC 1310 Group Voice I	2	A	none
MUSC 1350 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	1	F, Sp	audition
MUSC 1390 South City Jazz	1	F, Sp	audition
MUSC 1450 Bruin Band	1	TBA	none
MUSC 1460 Chamber Orchestra	1	F, Sp	audition
MUSC 1470 Jazz Band	1	F, Sp	none
MUSC 1480 Guitar Ensembl	1	F, Sp	audition
MUSC 1500 Music and Tech (ID)	3	A	none
MUSC 1510 Dsktp Music Pub	3	F, Sp	MUSC 1100 or equiv. proficiency
MUSC 1520 Intro to MIDI	3	A	none
MUSC 1515 Basic Audio Production	3	A	none
MUSC 1530 Music Rec Techniques	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	MUSC 1610
MUSC 1710 Pvt Gtr/Bass (nonMaj)	1	A	None
MUSC 1712 Pvt Gtr/Bass (MusEdMaj)	1	A	Audition
MUSC 1715 Pvt Gtr/Bass (Perf Maj)	2	A	Audition
MUSC 1720 Pvt Strings (nonMaj)	1	A	None
MUSC 1722 Pvt Strings (MusEdMaj)	1	A	Audition
MUSC 1725 Pvt Strings (Perf Maj)	2	A	Audition
MUSC 1730 Pvt Piano (nonMaj)	1	A	None
MUSC 1732 Pvt Piano (MusEdMaj)	1	A	Audition
MUSC 1735 Pvt Piano (Perf Maj)	2	A	Audition
MUSC 1740 Pvt Brass (nonMaj)	1	A	None
MUSC 1742 Pvt Brass (MusEdMaj)	1	A	Audition
MUSC 1745 Pvt Brass (Perf Maj)	2	A	Audition
MUSC 1750 Pvt Voice (nonMaj)	1	A	None
MUSC 1752 Pvt Voice (MusEdMaj)	1	A	Audition
MUSC 1755 Pvt Voice (Perf Maj)	2	A	Audition
MUSC 1760 Pvt Woodwind (nonMaj)	1	A	None
MUSC 1762 Pvt Wdwd (MusEdMaj)	1	A	Audition
MUSC 1765 Pvt Woodwd (Perf Maj)	2	A	Audition MUSC
MUSC 1660 Frtbrd Theory I	2	F	none
MUSC 1670 Frtbrd Theory II	2	Sp	MUSC 1660
MUSC 1900 Special Projects	1-2	F, Sp	instructor's approval
MUSC 2350 Basic 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 2710 Pvt Gtr/Bass (nonMaj)	1	A	None
MUSC 2712 Pvt Gtr/Bass (Mus Ed)	1	A	Audition
MUSC 2715 Pvt Gtr/Bass (Mus Perf)	2	A	Audition
MUSC 2720 Pvt Strings (nonMaj)	1	A	None
MUSC 2722 Pvt Strings (Mus Ed)	1	A	Audition
MUSC 2725 Pvt Strings (Mus Perf)	2	A	Audition
MUSC 2730 Pvt Piano (nonMaj)	1	A	None
MUSC 2732 Pvt Piano (Mus Ed Maj)	1	A	Audition
MUSC 2735 Pvt Piano (Mus Perf Maj)	2	A	Audition
MUSC 2740 Pvt Brass (nonMaj)	1	A	None
MUSC 2742 Pvt Brass (Mus Ed Maj)	1	A	Audition
MUSC 2745 Pvt Brass (Mus Perf Maj)	2	A	Audition
MUSC 2750 Pvt Voice (nonMaj)	1	A	None
MUSC 2752 Pvt Voice (Mus Ed Maj)	1	A	Audition
MUSC 2755 Pvt Voice (Mus Perf Maj)	2	A	Audition
MUSC 2760 Pvt Wdwind (nonMaj)	1	A	None
MUSC 2762 Pvt Wdwind (Mus Ed)	1	A	Audition
MUSC 2765 Pvt Wdwind (Perf Maj)	2	A	Audition MUSC
2900 Special Topics	1-3	TBA	none
MUSC 2990 Perf Arts Connct	2	Sp	instructor's approval

THEATER

COURSE	CR	SEM	PREREQUISITES
THEA 1013 Survey Theater (FA)	3	A	none
THEA 1023 Intro to Film (FA)	4	A	none
THEA 1070 Film and Culture (FA, DV)	4	A	none
THEA 1090 Bridging the Arts (FA)	3	A	none
THEA 1033 Acting I-Basic	3	A	none
THEA 1515 Basic Audio Production	3	A	none
THEA 2033 Acting II-Scene	3	A	THEA 1033
THEA 2443 Music Theater	3	TBA	THEA 1033
THEA 1160 Tech I Lab	3	TBA	w/THEA 1513
THEA 1170 Tech II Lab	3	TBA	w/THEA 1560
THEA 1171 Tech III Lab	3	TBA	w/THEA 2513
THEA 1513 Tech I Stagecraft	3	TBA	w/THEA 1160
THEA 1190 Production	3	F, Sp	none
THEA 2513 Tech III Design	3	TBA	THEA 1160, THEA 1513, w/THEA 1171, THEA 1560
THEA 1560 Tech II Light/Sd	3	TBA	w/THEA 1170, THEA 1513
THEA 1900 Special Projects	1-2	A	instructor's approval
THEA 2150 Acting III-Aud	3	TBA	THEA 1033
THEA 2200 Intro Flm Crit	4	F, Sp	ENGL 1010, THEA 1023 or THEA 1070
THEA 1223 Make-up	3	TBA	none
THEA 2520 Creative Drama	2	TBA	none
THEA 2900 Special Topics	1-3	TBA	none
THEA 2990 Perf Arts Connec	2	Sp	instructor's approval

FITNESS TECHNICIAN

Estimated cost of books and supplies per semester	\$170

General Information (801) 957-4073**Academic Advisor SI 209 (801) 957-4858****Department of Health and Lifetime Activities****LAC 201 (801) 957-5055****www.slcc.edu/fitnessstech**

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).

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}
DEGREE IN FITNESS TECHNICIAN**

(minimum 64 credit hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS (14-16 CREDIT HOURS MINIMUM)			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE STUDIES			
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
OR			
Any MATH 1000 or higher			
COMMUNICATION			
COMM1010 Elem of Eff Comm	3	A	none
HUMAN RELATIONS			
MKTG 1960 Prof in Business	3	A	none
OR			
MKTG 1010 Cstmr Svce Tech	2	A	none
DISTRIBUTION AREAS			
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 (IN)	3	A	none
Physical Science (PS)	3	A	none
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)

COURSE	CR	SEM	PREREQUISITES
BIOL 1090 Human Biology	3	A	none
HLAC 1062 Flxbly f/Fitness	1	F, Sp	none
HLAC 2110 Pnples Weight Trng	1	F, Sp	none
HLTH 1020 Fndtions Nutrition	3	A	none
HLTH 1105 BodyImage/Wt Mgt	2	F, Sp	none
HLTH 1200 Frst Aid/Safety	3	A	none
HLTH 1250 Stress Management	2	A	none
HLTH 1400 IntroPrsnlTrn/GrpEx	2	F, Sp	none
HLTH 1405 Eval&AssessmFitness	3	F, Sp	none
HLTH 1500 Lifetm Wellnss/Fitnss	3	A	none
HLTH 2021 Nutrition f/Fitness/Sport	3	F, Sp	HLTH 1020 or HLTH 2020 recommended
HLTH 2100 FtnssMvtn/BhRsp	3	F, Sp	none
HLTH 2200 Kinesiology	3	A	BIOL 1090
HLTH 2250 Exercise Phys	3	A	BIOL 1090
HLTH 2400 Exer&DmAging	3	F, Sp	none

COMPLETE ONE OF THE FOLLOWING TRACKS:**PERSONAL TRAINER EMPHASIS****GROUP EXERCISE INSTRUCTOR EMPHASIS****PERSONAL TRAINER EMPHASIS
(12 ADDITIONAL HOURS REQUIRED)**

HLAC 1000 Cardio Fitness	1	A	none
HLAC 1080 Strength Training	1	A	none
HLAC 1096 Fitness for Life	1	A	none
HLTH 2430 Dsigning Trng Prgs	3	F, Sp	HLTH 1400, HLTH 2200
HLTH 2435 Prsnl Fitness Trng	3	F, Sp	HLTH 2430
HLTH 2450 PrsnlTrngInternship	3	A	instructor's approval

SAMPLE SCHEDULE				
FALL SEMESTER			SPRING SEMESTER	
ENGL	1010	3	COMM	1010 3
BIOL	1090	3	HLTH	1105 2
HLTH	1020	3	HLTH	1405 3
HLTH	1200	3	HLTH	1500 3
HLTH	1250	2	HLTH	2200 3
HLTH	1400	2	HLAC	1062 1
HLAC	1096	1	HLAC	1080 1
TOTAL		17	TOTAL	16
2ND FALL SEMESTER			2ND SPRING SEMESTER	
FIN	1380	3	MKTG	1960 3
HLTH	2021	3	HLTH	2400 3
HLTH	2100	3	HLTH	2435 3
HLTH	2250	3	HLTH	2450 3
HLTH	2430	3	DISTRIBUTION	3
HLAC	1000	1	TOTAL	15
HLAC	2110	1		
TOTAL		17		

GROUP EXERCISE INSTRUCTOR EMPHASIS

(12 additional hours required)

HLTH 1410 AerobInstrctrTningI	3	F, Sp	HLTH 1400 or instructor's approval
HLTH 2410 AerobInstrctrTningII	3	F, Sp	HLTH 1410 or instructor's approval
HLTH 2420 GrpExerInstrIntrn	2	A	Instructor approval

COMPLETE 4 OF THE 5 FOLLOWING HLAC OFFERINGS:

HLAC 1015 AerobicsII/Spinning	1	A	none
HLAC 1020 AerobicsI/Step	1	A	none
HLAC 1025 AerobicsI/Interval	1	A	none
HLAC 1030 AerobicsII/Kkboxng	1	A	none
HLAC 1057 Yoga I	1	A	none

SAMPLE SCHEDULE				
FALL SEMESTER			SPRING SEMESTER	
ENGL	1010	3	COMM	1010 3
BIOL	1090	3	HLTH	1250 2
HLTH	1020	3	HLTH	1405 3
HLTH	1200	3	HLTH	1410 3
HLTH	1400	2	HLTH	1500 3
HLAC	1020	1	HLTH	2200 3
HLAC	1062	1	HLAC	1030 1
TOTAL		16	TOTAL	18
2ND FALL SEMESTER			2ND SPRING SEMESTER	
FIN	1380	3	MKTG	1960 3
HLTH	1105	2	HLTH	2021 3
HLTH	2100	3	HLTH	2400 3
HLTH	2250	3	HLTH	2420 3
HLTH	2410	3	DISTRIBUTION	3-6
HLAC	1015	1	TOTAL	15-18
HLAC	2110	1		
TOTAL		16		

FRENCH

SEE LANGUAGE AND CULTURE.

GED TEST PREPARATION

SEE SCHOOL OF APPLIED TECHNOLOGY.

GENEALOGY

SEE CONTINUING EDUCATION.

GENERAL EDUCATION

SEE PAGES 23-27, SEE ALSO SCHOOL OF APPLIED TECHNOLOGY, GED TEST PREPARATION.

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

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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
OR			
ENGL 2100 Tech Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1030 Quant Reas	3	A	MATH 1010 w/C or better
OR			
MATH 1040 Statistics	3	A	MATH 1010
or			
MATH 1050 College Algebra	4	A	MATH 1010
AMERICAN INSTITUTIONS			
ECON 1740 Econ Hist of US	3	A	RDG 0990 or appropriate placement score
OR			
HIST 1700 Amer Civilization	3	A	RDG 0990 or appropriate placement score
OR			
POLS 1100 US Gov & Politics	3	A	RDG 0990 or appropriate placement score

INSTITUTIONAL REQUIREMENTS**LIFELONG WELLNESS**

HLAC	I	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
COMM1010	Elem of Effective Com	3	A	none
COMM1020	Principles of Pub Speaking	3	A	none
PHIL 1250	Reas/Rational Dec Making	3	A	none

COMPUTER LITERACY

CIS 1020	Comp Essentials	3*	A	none

OR

Competency Test

(*Note 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 AS/AA degree.

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
ENGL	1010	3		STUDENT CHOICE	3		
MATH	1030	3		ENGL 2010/2100	3		
	OR			DISTRIBUTION	6		
MATH	1040	3		ELECTIVES	3		
	OR			HLAC	1		
MATH	1050	4		TOTAL	16		
	OR						
MATH	1090	3					
AMERICAN INST		3					
ELECTIVES		3					
ELECTIVES		3					
TOTAL		15-16					
2ND FALL SEMESTER				2ND SPRING SEMESTER			
DISTRIBUTION	6-7			DISTRIBUTION	6-7		
ELECTIVES	9			ELECTIVES	9		
TOTAL	15-16			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: www.slcc.edu/transfercenter.

GEOGRAPHIC INFORMATION SCIENCE TECHNOLOGY

Science and Industry Building, Room 345 (801) 957-4150

General Information (801) 957-4073

Academic Advisor SI 209 (801) 957-4858

www.slcc.edu/gis

Instructor: Robert Dastrup

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 work place. 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^{CTE} 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:

COURSE	CR	SEM	PREREQUISITES
MATH 1040 Statistics	3	A	Math 1010 & RDG 0990 w/C or better or appropriate placement
MATH 1050 College Algebra	4	A	Math 1010 & RDG 0990 w/C or better or appropriate placement
MATH 1060 Trigonometry	3	A	Math 1050 & 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 & RDG 0990 w/C or better or appropriate placement
SVT 1110 Surveying Mth I	4	F	MATH 1010 or CPT score

For students needing a physical science general education requirement, it is highly suggested they take GEOG 1780: Remote Sensing of Earth.

(9 CREDIT HOURS)

QUANTITATIVE STUDIES

COURSE	CR	SEM	PREREQUISITES
MATH 1010 Interm Algebra	4	A	MATH 0990 and RDG 0900 w/C or better or appropriate placement

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)

COURSE	CR	SEM	PREREQUISITES
GEOG 1800 Geospatial Technology	3	A	none
GEOG 1820 Applied GIS I	3	F, Sp	GEOG 1800 or Instructor Approval
GEOG 2100 Maps/Measurement	3	F	none
GEOG 2900 Independent Projects	3	A	Instructor Approval
GEOG 2920 Applied GIS II	3	Sp	GEOG 1820 or Instructor Approval

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.

COURSE CR SEM PREREQUISITES

COURSE	CR	SEM	PREREQUISITES
BUSINESS EMPHASIS			
ECON 1010 Economics Social Science	3	A	none
ECON 1600 Intro to Econ Syst	3	F, Sp	none
ECON 2010 Microeconomics	3	A	none
ECON 2020 Macroeconomics	3	A	none
ECON 2250 Environmental Economics	3	F, Sp	none
ECON 2400 Intern'l Econ.	3	F	ECON 2010, ECON 2020
MGT 2600 Intl Trade/Bus	3	Sp	none
MKTG 1030 Intro to Mktg	3	A	none
MKTG 2400 Intl Mktg	3	F	MKTG 1030, ECON 2020

COMPUTER INFORMATION SYSTEMS EMPHASIS

CIS 1030 Obj-OrientedPro I	3	F, Sp	CIS 1020 or comp
CIS 1055 Fund of DB Design	3	A	CIS 1020 or comp
CIS 1130 Obj-Oriented Pro II	3	F, Sp	CIS 1030
CIS 1555 SQL Programming	3	F, Sp	CIS 1020 or comp
CIS 2550 Data Base Prog	3	F, Sp	CIS 1030, CIS 1250, CIS 2010
CIS 2600 Fund of Database Mgt	3	A	CIS 1030
CIS 2730 C++Prog w/Objs	3	F, Sp	CIS 1135 or concurrent
CIS 2760 Java I	3	F, Sp	CIS 1135 or concurrent
CIS 2770 Java II	3	F, sp	CIS 2760

COMPUTER SCIENCE EMPHASIS

CS 1400 Comp Science Fund	3	A	w/CS 1030
CS 1405 Design and OO Method	1	A	w/CS 1400
CS 1410 Object Oriented Programg	3	A	CS 1400
CS 1415 Practical OO Programg	1	A	w/CS 1410
CS 2420 Alghms & Data Structures	3	A	CS 1410
CS 2425 Code Analysis and Tuning	1	A	w/CS2420
CS 2520 InterProg in VB	3	Sp	CS 2420
CS 2540 InterProg in C++	3	F	CS 2420
CS 2550 Adv Java Prog	3	Sp	CS 2420

CRIMINAL JUSTICE EMPHASIS

CJ 1340 Criminal Invest	3	A	CJ 1010, ENGL 1010, COMM 1010
CJ 1350 Intro to Forensic Sci	3	A	none
CJ 2440 Organized Crime	3	F, Sp	CJ 1010
CJ 2450 Terrorism	3	F, Sp	CJ 1010
CJ 2470 Intro Criminology	3	F, Sp	CJ 1010
CJ 2490 Drug Trafficking	3	F, Sp	CJ 1010
CJ 2550 Emergency Mgt Principles	3	F, Sp	CJ 1010

ECOLOGY/WILDLIFE EMPHASIS

BIOL 1030 Intro Plant Biology	4	F, Sp	w/BIOL 1035 (lab) (Placement Required) RDG 0900 w/C or better or equiva- lent CPT/ACT score
BIOL 1050 Intro Animal Biology	4	F, Sp	w/BIOL 1055 (lab) (Placement Required) RDG 0900 w/C or better or equiva- lent CPT/ACT score
BIOL 1070 Intro to Marine Bio	4	F, Sp	w/BIOL 1075 (lab) (Placement Required) RDG 0900 w/C or better or equiva- lent CPT/ACT score
BIOL 1120 Intro Conservation Biol	3	F, Sp	(Placement Required) RDG 0900 w/C or better or equiva- lent CPT/ACT score
BIOL 2220 Ecology	4	Sp	BIOL 1610/1615 w/C or (better) w/BIOL 2225 (lab)
ENVT 1010 Race to Save Planet	3	A	none
GEOG 1000 Earth's Surf Env	3	A	none

GEOGRAPHY OR ENVIRONMENTAL GEOLOGY EMPHASIS

COURSE	CR	SEM	PREREQUISITES
ENVT 1010 Race to Save Planet	3	A	none
GEOG 1780 Remote Sensing of Earth	3	F, Sp	none
GEOG 2200 Urban/Envrn Issues	3	Sp	none
GEOG 1000 Earth's Surf Env	3	A	none
GEOG 1300 Regional Geog	3	F, Sp	none
GEOG 1400 Human Geog	3	F, Sp	none
GEOG 1700 Natural Disasters	3	A	none
GEO 1060 Envr Geology	3	Sp	w/GEO 1065
GEO 1065 Envr Geol Lab	1	Sp	w/GEO 1060
GEO 1110 Phys Geology	3	F	w/GEO 1115
GEO 1115 Phys Geolog Lab	1	F	w/GEO 1110
SVT 2110 Photogrammetry	3	Sp	SVT1110

SURVEYING EMPHASIS

EDDT 1040 Intro to CAD	3	A	none
SVT 1030 Survey Field Tech I	3	Sp	SVT 1110 or MATH 1060
SVT 1120 Surveying Math II	4	Sp	SVT 1110
SVT 2030 Survey Field Tech II	3	Sp	SVT 1030
SVT 2040 Control Surveys	3	F	SVT 1120
SVT 2100 Land Develop	3	F	SVT 1110
SVT 2110 Photogrammetry	3	Sp	SVT1110

SOCIAL SCIENCES EMPHASIS

ANTH 1030 Intro to Archaeology	3	A	none
ANTH 1500 Basic Field Techniques	3	Su	none
HIST 1500 World Hist to 1500	3	F, Sp	none
HIST 1510 WrldHistSincer1500	3	F, Sp	none
HIST 2990 A Survey of Utah History	3	F,Sp	none
HUMA 2300 World Religions	3	A	none

GEOSCIENCES

POLS	2100	Intro Intl Politics	3	TBA	none
POLS	2200	Intro to Compar Politics	3	TBA	none
POLS	2300	Political Ideology	3	F, Sp	none

SAMPLE SCHEDULE					
FALL SEMESTER			SPRING SEMESTER		
GEOG	1800	3	GEOG	1820	3
MATH	1010	3	COMM		3
TOTAL		6	TOTAL		6
2ND FALL SEMESTER			2ND SPRING SEMESTER		
GEOG	2100	3	GEOG	2920	3
ELEC		3	GEOG	2900	3
HR		3	ELEC		3
TOTAL		9	TOTAL		9

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN GEOGRAPHIC INFORMATION SCIENCE TECHNOLOGY

(minimum 65 hours required)

GENERAL EDUCATION REQUIREMENTS (18 CREDIT HOURS)

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE STUDIES			
MATH 1030 Quant Reasoning	3	A	MATH 1010
COMMUNICATION			
COMM1010 Elem Eff Comm	3	A	none
OR			
COMM1020 Principles of Pub	3	A	none
HUMAN RELATIONS			
LE 1220 Human Relations	3	A	none

DISTRIBUTION AREAS (6 CREDIT HOURS)

Choose one course (three credit hours) from 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

CHEM 1010 and/or PHYS 1010 recommended for Physical Science.

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (37 CREDIT HOURS)

COURSE	CR	SEM	PREREQUISITES
GEOG 1000 Earth's Surf Env	3	A	none
GEO 1060 Envr Geology	3	Sp	w/GEO 1065
GEO 1065 Envr Geol Lab	1	Sp	w/GEO 1060
GEOG 1300 Regional Geog	3	F, Sp	none
GEOG 1400 Human Geog	3	F, Sp	none
GEOG 1700 Natural Disasters	3	F	none
GEOG 1800 Geospatial Technology	3	A	none
GEOG 1820 Applied GIS (ID)	3	A	GEOG 1800 or Instructor Approval
GEOG 2100 Maps/Measurem	3	Sp	none
GEOG 2200 Urbn/Envr Issues	3	Sp	none
GIS 2920 Contemp Studies	3	Sp	GEOG 1820 or Instructor Approval
MATH 1040 Intro to Statistics	3	A	MATH 1010 or CPT
MET 1010 Intro to Meteorol	3	A	none

ELECTIVES (10 CREDITS)

COURSE	CR	SEM	PREREQUISITES
*CHEM 1010 Intro to Chem	3	A	none**
ENVT 1050 Intro to Envr Tech	3	Sp	none
ENVT 1100 Waste Treatment	3	Sp	CHEM 1010
*GEO 2350 Fld Studies Geol	3	Su	Instructor Approval
GEO 1220 Historical Geol	3	Sp	w/GEO1225
GEO 1225 Histl Geol Lab	1	Sp	w/GEO1220

GEOG 2000 Geography Co-op	2-4	A	Instructor Approval
*GIS 2900 Indep Projects	1-3	A	Instructor Approval
MATH 1050 College Algebra	4	A	MATH 1010 or CPT/ RDG 0990
*MATH 1060 Trigonometry	3	A	Math 1050/RDG 0990
PHYS 1010 Elem Physics	3**	A	none
SVT 1110 Surveying Math	4	F	MATH 1010 or CPT
SVT 1030 Surveying	3	Sp	SVT 1110 or MATH 1060

*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.

SAMPLE SCHEDULE					
FIRST SEMESTER			SECOND SEMESTER		
ENGL	1010	3	COMM	1010	3
LE	1220	3	OR		
MATH	1030	3	COMM	1020	3
GEOG	1000	3	GEOG	1820	3
GEOG	1800	3	GEOG	2100	3
GEOG	1400	3	GEO	1060	3
TOTAL		18	GEO	1065	1
			GIS ELECTIVES		4
			TOTAL		17
THIRD SEMESTER			FOURTH SEMESTER		
CHEM	1010	3	GEOG	2200	3
OR			GIS	2920	3
PHYS	1010	3	GIS ELECTIVES		3
GEOG	1300	3	LED	1220	3
MET	1010	3	MATH	1040	3
GIS ELECTIVE		3	DIST		3
GEOG	1700	3	TOTAL		18
TOTAL		15			

GEOGRAPHY SEE GEOSCIENCES.

GEOLOGY SEE GEOSCIENCES.

GEOSCIENCES

Science and Industry Building, Room 345, (801) 957-4150

General Information (801) 957-4073

Academic Advisor SI 209 (801) 957-4858

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 63 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)

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION (6 CREDITS)			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
OR			
ENGL 2100 Tech Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY (3-4 CREDITS)			
MATH 1060 Trigonometry	3	A	MATH 1050 (Opt II)
OR			
MATH 1210 Calculus I	4	A	MATH 1060 (Opt I)
AMERICAN INSTITUTIONS (3 CREDITS)			
ECON 1740 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

LIFELONG WELLNESS (1 CREDIT)

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 0900 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. 23-27 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.

COURSE	CR	SEM	PREREQUISITES
CHEM 1210 General Chem I	4	A	MATH 1050, w/CHEM 1215
CHEM 1215 Chem I Lab	1	A	w/CHEM 1210
GEO 1110 Phys Geology	3	F	w/GEO 1115
GEO 1115 Phys Geolog Lab	1	F	w/GEO 1110
GEO 1220 Historical Geol	3	Sp	w/GEO 1225
GEO 1225 Histor Geol Lab	1	Sp	w/GEO 1220
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
PHYS 2215 Physics f/Sci&Eng L I	1	A	w/PHYS 2210

OPTION I ELECTIVES (14 CREDITS)

SEE LIST BELOW

OPTION II (22 CREDITS)

For students intending to transfer to Weber State University.

COURSE	CR	SEM	PREREQUISITES
CHEM 1210 General Chem I	4	A	MATH 1050, w/CHEM 1215
CHEM 1215 Gen Chem Lab I	1	A	w/CHEM 1210
GEO 1060 Environmtl Geol	3	Sp	w/GEO 1065
GEO 1065 Envr Geol Lab	1	Sp	w/GEO 1060
GEO 1110 Phys Geology	3	F	w/GEO 1115
GEO 1115 Phys Geolog Lab	1	F	w/GEO 1110
GEO 1220 Historical Geol	3	Sp	w/GEO 1225
AND			
GEO 1225 Histor Geol Lab	1	Sp	w/GEO 1220
OR			
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
AND			
PHYS 2215 Physics f/Sci&Eng L I	1	A	w/PHYS 2210
OR			
PHYS 2010 College Physics I	4	A	MATH 1060, w/PHYS 2015
AND			
PHYS 2015 College Physics Lab I	1	A	w/ PHYS 2010

OPTION II ELECTIVES (11 CREDITS)

SEE LIST BELOW

ELECTIVES – OPTIONS I AND II

COURSE	CR	SEM	PREREQUISITES
BIOL 2020 Cell Biology	4	F, Sp	BIOL 1610 w/C or better, w/BIOL 2025 (lab)
BIOL 2030 Genetics	4	F	BIOL 1610 w/C or better, w/BIOL 2035 (lab)
BIOL 2070 Plant Biology	4	F, Sp	BIOL 1610 w/C or better, w/BIOL 2075 (lab)
BIOL 2080 Animal Biology	4	F, Sp	BIOL 1610 w/C or better, w/BIOL 2085 (lab)
CHEM 1220 General Chem II	4	A	CHEM 1210, w/CHEM 1225
CHEM 1225 Gen Chem II Lab	1	A	CHEM 1210, w/CHEM 1220
ENGR 1040 Engr Computing	3	F, Sp	MATH 1050, w/MATH 1060
CS 1410 Obj. Ort. Prog.	3	A	CS 1400 with CS 1415
CS 1415 Practical Obj. Ort. Prog.	1	A	w/CS 1410
GEO 1060 Env Geology	3	Sp	w/GEO 1065
GEO 1065 Env Geology Lb	1	Sp	w/GEO 1060
GEO 2350 Field Studies	3	Su	w/BIOL 2350 (sec. 1 & 2)
MATH 1220 Calculus II	4	A	MATH 1210
MATH 2210 Multivar Calcu	3	A	MATH 1220
MATH 2250 Lin Alg/Diff Eq	4	F, Sp	MATH 1220
PHYS 2220 Physics f/Sci&Eng II	4	A	PHYS 2210, w/PHYS 2225
PHYS 2225 Physics f/Sci&Eng LII	1	A	PHYS 2210, w/PHYS 2220

* **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.

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 2010/2015 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 (AI), MATH 1040.

For Southern Utah University Geology - Earth Science, the following courses may be taken at SLCC: CHEM 1220/1225, PHYS 1040 (PS), BIOL 1610/1615 (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)

CORE SKILLS

COMPOSITION (6 CREDITS)

COURSE	CR	SEM	PREREQUISITES
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interim Writing	3	A	ENGL 1010 w/C or better

OR

ENGL 2100 Tech Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY (3-4 CREDITS)

*MATH 1030 Quant Reasoning	3	A	MATH 1010 and RDG 0990 w/ C or better or appropriate placement score

AMERICAN INSTITUTIONS (3 CREDITS)

ECON 1740 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

LIFELONG WELLNESS (1 CREDIT)

HLAC —	1	A	none

STUDENT CHOICE (3 CREDITS)

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)	3-4	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

(MINIMUM 31 CREDITS)

COURSE	CR	SEM	PREREQUISITES
GEOG 1000 Earth's Surface	3	A	none
GEOG 1400 Human Geog	3	F, Sp	none
GEOG 1300 Regional Geog	3	F, Sp	none
GEOG 1800 Geospatial Technology	3	A	none
GEOG 1820 Applied GIS I	3	F, Sp	GEOG 1800 or instructor approval
GEOG 1900 Special Studies	1-3	A	instructor approval
GEOG 2100 Maps & Measur.	3	Sp	none
GEOG 2200 Urban/Environ Issues	3	Sp	none
GEO 1110 Physical Geol	3	F	w/GEO 1115
GEO 1115 Physical Geo Lab	1	F	w/GEO 1110
MET 1010 Intro to Meteor	3	A	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL 1010	3		ENGL 2010	3	
GEOG 1000	3		GEOG 1400	3	
GEOG 1300	3		GEOG 2100	3	
GEOG 1800	3		MET 1010	3	
DISTRIBUTION	3		DISTRIBUTION	3	
TOTAL	15		TOTAL	15	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
GEOG 1900	1-3		GEOG 1820	3	
GEOG 2200	3		STUDENT CHOICE	3	
GEO 1110	3		MATH 1030	3	
GEO 1115	1		AMERICAN INST	3	
HLAC	1		DISTRIBUTION	6	
DISTRIBUTION	6		TOTAL	18	
TOTAL	15-17				

* **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

COURSE	CR	SEM	PREREQUISITES
GEOG 1000 Earth's Surface	3	A	none
GEOG 1400 Human Geog	3	F, Sp	none
GEOG 1300 Regional Geog	3	F, Sp	none
GEOG 1700 Natural Disasters	3	A	none
GEOG 1780 Remote Sensing of Earth	3	F, Sp	none
GEOG 1800 Geospatial Technology	3	A	none
GEOG 1820 Applied GIS I	3	F, Sp	GEOG 1800 or instructor approval
GEOG 1900 Special Studies	1-3	A	instructor approval
GEOG 2000 CO-OP	2-4	A	instructor approval
GEOG 2100 Maps & Measur.	3	Sp	none
GEOG 2200 Urban/Environ Issues	3	Sp	none
GEOG 2900 Independ Projects	1-3	A	instructor approval
GEOG 2920 Applied GIS II	3	Sp	GEOG 1820 or instructor approval

GEO	1010	Intro to Geology	3	A	none
GEO	1110	Physical Geol	3	F	w/GEO 1115
GEO	1115	Physical Geo Lab	1	F	w/GEO 1110
GEO	1060	Env Geology	3	Sp	w/GEO 1065
GEO	1065	Env Geology Lb	1	Sp	w/GEO 1060
GEO	1220	Historical Geol	3	Sp	w/GEO 1225
GEO	1225	Histor Geol Lab	1	Sp	w/GEO 1220
GEO	2350	Field Studies	3	Su	Instructor Approval w/BIOL 2350

GERMAN

SEE LANGUAGE AND CULTURE.

GIS (GEOGRAPHIC INFORMATION SCIENCE)

SEE GEOGRAPHIC INFORMATION SCIENCE TECHNOLOGY (GIST).

HEALTH AND LIFETIME ACTIVITIES

General Information (801) 957-4073

Lifetime Activities Center 201 (801) 957-5055

Academic Advisor SI 209 (801) 957-4858

Professor: Gustavo Ibarra

Associate Professors: Soni Adams, Sue Delaney, Dollie Richards, Jean Widdison

Assistant Professors: Maryln Harmer, Julie Morgan, Norm Parrish, Paul Roberts, Betsy Specketer

Instructors: David Nelson

THE PROGRAM

The health and lifetime activities program is committed to providing a wide range of activities to students and faculty. Any Lifetime Activities course will fill the institutional requirement for lifelong wellness when pursuing an AA or AS degree (excluding HLAC 2100 and HLAC 2620).

Most lifetime activities courses may be designed or adapted for students with physical disabilities. Students who are interested in any adaptive Lifetime Activities course should see the Chair of the Health and Lifetime Activities Department for further information.

HLAC also offers a Fitness Technician AAS degree. For further information, see **FITNESS TECHNICIAN**.

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.

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES
HLTH 1020 Foundtns Nutrition	3	A	none
HLTH 1050 Life, Soc Drugs (ID)	3	A	none
HLTH 1105 Bdy & Wght Mgt	2	F Sp	none
HLTH 1110 Social Hlth Div (ID, DV)	3	F, Sp	none
HLTH 1150 Know Greater Heroes I	3	F, Sp	Instructor approval
HLTH 1200 First Aid & Safty	3	A	none
HLTH 1240 Thry/Prac of Meditat(LW)	2	F, Sp	none
HLTH 1242 Laughter Yoga (LW)	2	F, Sp	none
HLTH 1245 Environmental Yoga (LW)	2	F, Sp	none
HLTH 1250 Stress Mgt	2	A	none
HLTH 1255 Mind/Body Con	3	F, Sp	none
HLTH 1300 Doula & Childbirth Prep	3	A	none

HLTH 1350 Intro Yoga Teacher Traing	3	A	HLTH 1057 or HLTH 1058 or personal practice none
HLTH 1355 Teacher Training II	2	A	HLTH 1350 or with HLTH 1350
HLTH 1360 Yoga Teacher Training III	3	A	HLTH 1350 or with HLTH 1350
HLTH 1365 Yoga Teacher Training IV	3	A	HLTH 1350, HLTH 1355, HLTH 1360, HLTH 1365 or Instructor Approval
HLTH 1370 Yoga Teacher Practicum	2	A	none
HLTH 1400 IntroPersTrng/GrpEx	2	F, Sp	none
HLTH 1405 Eval&AssessmtFitns	3	F, Sp	HLTH 1400 or instructor's approval
HLTH 1410 Arbc Instr Trn I	3	F, Sp	none
HLTH 1500 Lftm Well & Fit (ID)	3	A	none
HLTH 2020 Nutrition f/LfCycl	3	F, Sp	HLTH 1020 and HLTH 2020 recommended
HLTH 2021 Ntrn f/Ftnss&Sptrs	3	F, Sp	none
HLTH 2100 FtnsMvtn&BhvrRsp	3	F, Sp	ALTH 1150
HLTH 2150 Know Greater Heroes II	3	F, Sp	none
HLTH 2200 Kinesiology	3	A	none
HLTH 2250 Exer Physiology	3	A	none
HLTH 2400 Exer&DmsAging	3	F, Sp	HLTH 1410 or instructor's approval
HLTH 2410 Aerob Instr Trng II	3	F, Sp	HLTH 2410 or instructor's approval
HLTH 2420 Grp Ex Instr Intern	2	A	HLTH 1400, HLTH 2200
HLTH 2430 Dsng Trng Prgrams	3	F, Sp	HLTH 2430 instructor's approval
HLTH 2435 PrsFtnssTrnrIndtry	3	F, Sp	none
HLTH 2450 PersnlTrainerIntern	3	Sp	none
HLAC 1000 Cardio Fitness (LW)	1	A	none
HLAC 1013 Body Strgth & Tone(LW)	1	A	none
HLAC 1015 ArbcII/Spinning (LW)	1	A	none
HLAC 1020 Aerobics I/Step (LW)	1	A	none
HLAC 1025 Aerobics I/Interval (LW)	1	A	none
HLAC 1030 Arbc II/Kck Bxng (LW)	1	A	none
HLAC 1035 Zumba (LW)	1	A	none
HLAC 1040 Belly Dancing (LW)	1	A	none
HLAC 1046 Jog/Walk (LW)	1	A	none
HLAC 1055 Pilates I (LW)	1	A	none
HLAC 1056 Pilates II (LW)	1	A	HLAC 1055
HLAC 1057 Yoga I (LW)	1	A	none
HLAC 1058 Yoga II (LW)	1	Sp	HLAC 1057
HLAC 1062 Flxbilty f/Fitness (LW)	1	F, Sp	none
HLAC 1073 Aerobic Circuit (LW)	1	A	none
HLAC 1080 Strength Train I (LW)	1	A	none
HLAC 1081 Strength Train II (LW)	1	A	HLAC 1080
HLAC 1096 Fitness for Life (LW)	1	A	none
HLAC 1100 Tennis I (LW)	1	A	none
HLAC 1101 Tennis II (LW)	1	A	HLAC 1100
HLAC 1105 Badminton (LW)	1	F, Sp	none
HLAC 1110 Racquetball I (LW)	1	A	none
HLAC 1111 Racquetball II (LW)	1	F, Sp	HLAC 1110
HLAC 1130 Golf I (LW)	1	A	none
HLAC 1131 Golf II (LW)	1	A	HLAC 1130
HLAC 1145 Bowling I (LW)	1	A	none
HLAC 1146 Bowling II (LW)	1	A	HLAC 1145
HLAC 1200 Basketball I (LW)	1	A	none
HLAC 1201 Basketball II (LW)	1	A	HLAC 1200
HLAC 1210 Volleyball I (LW)	1	A	none
HLAC 1211 Volleyball II (LW)	1	A	HLAC 1210
HLAC 1212 Volleyball III (LW)	1	F, Sp	HLAC 1211
HLAC 1213 Sand Volleyball (LW)	1	A	none
HLAC 1230 Soccer I (LW)	1	F, Sp	none
HLAC 1232 Competitive Soccer (LW)	1	A	member of SLCC competitive soccer team
HLAC 1350 Scuba I (LW)	1	A	none
HLAC 1351 Scuba II (LW)	1	A	HLAC 1350
HLAC 1410 T'ai Chi (LW)	1	A	none
HLAC 1413 Qi Gong (LW)	1	A	none
HLAC 1440 Aikido I (LW)	1	A	none
HLAC 1442 Brazilian Capoeira (LW)	1	F, Sp	none
HLAC 1445 Taekwon-Do (LW)	1	A	none

HLAC 1446 Taekwon-Do II (LW)	1	A	HLAC 1445	OR		
HLAC 1449 KFI/Wing Chun (LW)	1	A	none			
HLAC 1450 Kung Fu I/Hung Gar (LW)	1	A	none			
HLAC 1451 Kung Fu II (LW)	1	A	HLAC 1450			
HLAC 1520 Hiking I (LW)	1	A	none			
HLAC 1527 Rock Climbing I (LW)	1	A	none			
HLAC 1528 Rock Climbing II (LW)	1	A	HLAC 1527 or			
			instructor's approval			
HLAC 1535 Backpacking (LW)	1	Su	moderate fitness level			
HLAC 1540 Relat Odr Activity (LW)	1	A	none			
HLAC 1550 Mt Biking I (LW)	1	A	none			
HLAC 1551 Mt Biking II (LW)	1	A	HLAC 1550 or			
			instructor's approval			
HLAC 1610 Skiing/Snowbld (LW)	1	Sp	none			
HLAC 1655 Snowshoeing I (LW)	1	Sp	none			
HLAC 1715 Ctry Wes Dnc I (LW)	1	F, Sp	none			
HLAC 1720 Social Dance I (LW)	1	F, Sp	none			
HLAC 1721 Social Dance II (LW)	1	F, Sp	HLAC 1720			
HLAC 1725 Latin Social Dance (LW)	1	A	none			
HLAC 1800 Intercol Athletics I (LW)	1	F	instructor's approval			
HLAC 1801 Intercol Athletics II (LW)	1	Sp	instructor's approval			
HLAC 1805 Cheer Squad (LW)	1	A	member of SLCC			
			cheer leading squad			
HLAC 2110 Princ of Weight Trng (LW)	1	A	instructor's approval			
HLAC 2620 PE Elem School	2	Sp	none			

HEALTH CARE MANAGEMENT, BS

SEE UNIVERSITY CENTER.

HEALTH INFORMATION SPECIALIST

SEE SCHOOL OF APPLIED TECHNOLOGY.

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 234 (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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm 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 Coll Algebra	4	A	MATH 1010
OR			
MATH 1040 Intro Statistics (U of U Nursing requires)	3	A	MATH 1010
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

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)

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 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.

DEGREE OPTIONS

An associate of science degree can be earned in the following AAS degree options. Complete the above hours of General Education requirements. For information on suggested specific courses, contact the academic advisor at (801) 957-2680 or (801) 957-6215.

BIOTECHNOLOGY TECHNICIAN OPTION^{CTE}

NOTE: This option does NOT make the Biotechnology AAS degree transferable to the Biology baccalaureate degree.

DENTAL HYGIENE OPTION^{CTE}

NOTE: This option does NOT make the DH degree transferable to a DH baccalaureate degree.

OCCUPATIONAL THERAPY ASSISTANT OPTION^{CTE}

NOTE: This option does NOT make the AAS degree transferable to an OT baccalaureate degree.

PHYSICAL THERAPIST ASSISTANT OPTION^{CTE}

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.

RADIOLOGIC TECHNOLOGY OPTION^{CTE}

NOTE: This option does NOT make the RT AAS degree transferable to a RT baccalaureate degree or a RT 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 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.

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.

HEATING, COOLING, AND REFRIGERATION TECHNOLOGY APPRENTICESHIP

SEE APPRENTICESHIPS SECTION.

HEAVY-DUTY MECHANICS

SEE DIESEL SYSTEMS TECHNOLOGY; SEE ALSO AND APPRENTICESHIPS, DIESEL SYSTEMS TECHNOLOGY.

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*

(minimum 62 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm 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
or			
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			
POLS 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 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

COURSE	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
OR			
HIST 1510 World History Since 1500	3	A	none
OR			
HIST 1300 Col Latin Amer	3	F, Sp	none
OR			
HIST 1310 Mod Latin Amer	3	F	none
OR			
HIST 1450 Middle Eastern Civ	3	F, Sp	none
HIST 1460 Modern Mid Eastern Civ	3	F, Sp	none

COMPLETE TWO SEMESTERS OF A FOREIGN LANGUAGE:

Any Language 1010	5	A	none
Any Language 1020	5	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			SPRING SEMESTER		
ENGL 1010	3		ENGL 2010	3	
MATH 1030	3		DISTRIBUTION	6	
OR			HIST 1510	3	
MATH 1040	3		OR		
OR			HIST 1300	3	
MATH 1050	4		OR		
AMERICAN INST	3		HIST 1310	3	
LANGUAGE 1010	5		OR		
HLAC	1		HIST 1450	3	
TOTAL	15-16		LANGUAGE 1020	5	
			TOTAL	17	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
HIST 1100	3		HIST 1110	3	
HIST 2700	3		HIST 2710	3	
DISTRIBUTION	6		DISTRIBUTION	6	
ELECTIVE	3		STUDENT CHOICE	3	
TOTAL	15		TOTAL	15	

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES
HIST 1100 West Civ to 1300 (SS)	3	F, Sp	A none
HIST 1110 Civ Since 1300 (SS)	3	F, Sp	A none

HUMANITIES

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	1510	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 Exper (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	2012	Natives of G Basin, (ID,DV)	3	F,Sp	none
ANTH	2120	Sacred Traditions (HU)	3	F, Sp	none
ANTH	2500	Special Studies in Anthro	1-3	A	none
ANTH	2900	Intermed Field Techniques	3	Su	none

HORTICULTURE, AAS or BS

SEE UNIVERSITY CENTER.

HUMAN RESOURCES MANAGEMENT, BS

SEE UNIVERSITY CENTER.

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 Izrailevsky
Assistant Professors: David Carney, Jane Drexler, 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 attentiveness 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: Gen-

eral 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

COURSE	CR	SEM	PREREQUISITES
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010
OR			
ENGL 2100 Technical Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1030 Quant Reas	3	A	MATH 1010
OR			
MATH 1040 Statistics	3	A	MATH 1010
OR			
MATH 1050 College Algebra	3	A	MATH 1010

AMERICAN INSTITUTIONS

HIST 1700 Amer Civilization	3	A	RDG 0990
OR			
POLS 1100 US Gov & Politics	3	A	RDG 0990
OR			
ECON 1740 Econ Hist of US	3	A	RDG 0990

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS			
any course designated as (LW)	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	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
OR			
GEOG 1300 Regional Geography	3	A	none
OR			
SOC 1020 Social Problems	3	A	none
OR			
HUMA 2130 Philosophy Liter	3	F,Sp	none

LANGUAGE

LANG 1020 (Any Language) 5 A LANG 1010

MAJOR COURSE REQUIREMENTS (22 CREDITS)

COURSE		CR	SEM	PREREQUISITES
CORE COURSES (3 CREDITS)				
HUMA 1100	Intro to Humanities	3	A	none
OR				
HUMA 1300	Western Civ Anc	3	F	none
OR				
HUMA 1310	Western Civ Mod	3	S	none

LANGUAGE (4 CREDITS)

LANG 2010
OR
LANG 2020

(Note: LANG is not a prefix. LANG is a placeholder for the prefix for the specific language chosen by the student to fulfill this requirement)

ADDITIONAL DIVERSITY ELECTIVE (3 CREDITS)

Choose one additional course from the following:

COURSE		CR	SEM	PREREQUISITES
ART 1375	Photographing Diversity	3	A	ART 1050 or ART 1310 w/C or better
ENGL 1050	Rdg Contemp Culture	3	A	none
ENGL 1100	Diversity/Pop US Lit	3	A	none
ENGL 2760	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
ETHS 2410	African Amer	3	Sp	none
ETHS 2420	Asian American	3	F	none
ETHS 2430	Mexican American	3	F	none
ETHS 2440	Native American	3	F	none
FLM 1070	Film and Culture	3	A	none
HIST 2200	Americanization	3	A	none
PSY 2370	Gender in America	3	A	none
SOC 2370	Gender in America	3	A	none
SOC 2630	Race and Ethnicity	3	A	none

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	none
PHIL 1130	Personal Ethics	3	A	none
PHIL 1200	Div& Phil/Work	3	F, Sp	none
PHIL 1250	Reason/Rational Decision	3	F,Sp	none
HUMA 2130	Philosophy Litert	3	F, Sp	none

RELIGIOUS STUDIES TRACK (9 CREDITS)

Three of the following

HUMA 2120	Sacred Tex/Myth	3	F, Sp	none
HUMA 2300	World Religions	3	A	none
HUMA 2400	Religious Diversity	3	F,Sp	none
HUMA 2310	Great Books I	3	F	none
PHIL 2350	Prin & Phil of Relig	3	F,Sp	none

ART HISTORY TRACK (9 CREDITS)

Three of the following

ARTH 2520	LatAmer Art to 1750	3	Sp	none
ARTH 2640	Buddhist Art	3	F,Sp	none
ARTH 2700	Asian Art: Japan	3	Sp	none
ARTH 2710	Art History:Prehis/Ren	3	F, Sp	none
ARTH 2720	Art History:Ren/Cont	3	F, Sp	none

CULTURAL STUDIES TRACK (9 CREDITS)

Three of the following

HUMA 2220	Pacific Am Studies	3	F,Sp	none
HUMA 2210	Russian Studies	3	F	none
HUMA 2320	Great Books II	3	Sp	none
HUMA 2500	Future Studies	3	F	none
HUMA 2600	Decade '60s	3	F, Sp	none
INTL 2040	Immig Exp Lit/Film	3	F,Sp	none
INTL 2060	Intl Lit & US Cult Div	3	A	none

ADDITIONAL ELECTIVE (3 CREDITS)

Take 3 credits from any college level course numbered 1000 or above.

DEPARTMENTAL OFFERINGS**ART HISTORY**

ARTH 2520	LatAmer Art to 1750	3	Sp	none
ARTH 2640	Buddhist Art	3	F,Sp	none
ARTH 2700	Asian Art: Japan	3	Sp	none
ARTH 2710	Art History:Prehis/Ren	3	F, Sp	none
ARTH 2720	Art History:Ren/Cont	3	F, Sp	none

HUMANITIES

HUMA 1100	Intro Humanities	3	A	none
HUMA 1300	Western Civ Anc	3	F, Sp	none
HUMA 1310	West Civ Modern	3	F, Sp	none
HUMA 1900	Special Studies	1-2	F, Sp	none
HUMA 2000	CO-OP	2-4	F, Sp	instructor's approval
HUMA 2120	Sacred Tex/Myth	3	F, Sp	none
HUMA 2130	Philosophy Litert	3	F, Sp	none
HUMA 2210	Russian Studies	3	F	none
HUMA 2220	Pacific Am. Studies	3	F, Sp	none
HUMA 2300	Religions	3	A	none
HUMA 2310	Great Books I	3	F	none
HUMA 2320	Great Books II	3	Sp	none
HUMA 2350	His/Phil of Religion	3	F, Sp	none
HUMA 2400	Religious Diversity	3	A	tnone
HUMA 2500	Future Studies	3	F	none
HUMA 2600	Decade '60s	3	F, Sp	none

PHILOSOPHY

PHIL 1000	Intro Philosophy	3	F,Sp	none
PHIL 1130	Personal Ethics	3	F, Sp	none
PHIL 1200	Div& Phil/Work	3	F, Sp	none
PHIL 1250	Reason & Rational Decision	3	F,Sp	none
PHIL 2350	Prin & Phil of Relig	3	F,Sp	none

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
ENGL	1010	3		ENGL	2010	3	
HUMA	1100/1300/1310	3		DIST		12	
LANG		5		TOTAL		15	
CHOICE		3					
LW		1					
TOTAL		15					
2ND FALL SEMESTER				2ND SPRING SEMESTER			
AM INST		3		HUM ELECT		6	
DIST		3		DIVERS ELECT		3	
HUM	ELECT	3		DIST		3	
LANG	2010	4		ELECT		3	
MATH	1030	3		TOTAL		15	
TOTAL		16					

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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2100 Technical Wrtng	3	A	ENGL 1010
QUANTITATIVE STUDIES			
EIT 1110 Appl Math I Electr/Instr	4	F, Sp	MATH 1010
COMMUNICATION			
CTEL 1020 Career Speech Skills	3	A	none
or			
COMM1020 Princpls of Pub Spk	3	A	none
HUMAN RELATIONS			
CTEL 1010 Leadership/Teambuild	3	A	none
or			
LE 1220 Human Relation	3	A	none
DISTRIBUTION AREAS			
Complete the following distribution (PS) course:			
CHEM 1010 Intro to Chem	3	A	none

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
EIT 1210 DC Electrical Fundament	3	F, Sp	w/EIT 1110 MATH 1050 for AS
EIT 1220 AC Electrical Fundament	3	F, Sp	EIT 1210 w/EIT 1120 MATH 1060 For AS
EIT 1140 Appl Physics Electr/Instr	3	Sp	none
EIT 1120 Appl Math II Electr/Instr	4	F, Sp	EIT 1110 or equiv w/ C or better
EIT 1130 Appl Math III Electr/Instr	2	F	EIT 1120
INST 2120 Intro to Instrum	1	F, Su	EIT 1130, EIT 1140, EIT 1220
EIT 1230 Analog Devices/Circuits	3	Sp, Su	EIT 1220 w/C or better
EIT 1240 Digital Circuits	3	Sp, Su	EIT 1220 w/C or better
INST 2160 Cntrl Sys Document	1	F, Sp	INST 2120
INST 2200 Analytical Instr/Safety	2	Sp	INST 2120
INST 2210 Pres/Level Measurem	4	F, Sp	INST 2120
INST 2230 Transm/Autom Cntrl	4	F, Sp	INST 2120, INST 2240
INST 2240 Final Contr Elements	2	Su, F	INST 2120
INST 2280 Temp/Flow Measurem	4	F, Sp	INST 2120
INST 2290 Instr Applications	1	Su	INST 2230
INST 2320 DistrContrSystems	4	Sp, Su	INST 2230
INST 2350 ProgrLogicCntrls (PLC)	4	F, Sp	EIT 1240
INST 2360 Advanced PLC	3	F, Sp	INST 2350
INST 2370 Contr Syst Troubleshoot	2	Su	INST 2200, INST 2210, INST 2230, INST 2280
Elective			
COURSE	CR	SEM	PREREQUISITES
INST 2990 Special Studies	1-3	A	instructor's approval

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
COMM 1020	3		CHEM 1010	3	
ELEC 1110	4		EIT 1220	3	
EIT 1210	3		ENG 2100	3	
ENGL 1010	3		LE 1220	3	
TOTAL	13		TOTAL	12	
SUMMER TERM					
EIT 1140	3				
EIT 1120	3				
INST 2150	3				
TOTAL	10				

SAMPLE SCHEDULE					
2ND FALL SEMESTER			2ND SPRING SEMESTER		
EIT	1130	2	INST	2140	3
INST	2120	1	INST	2160	1
INST	2210	4	INST	2230	4
INST	2240	2	INST	2250	3
INST	2280	4	INST	2330	4
TOTAL		13	TOTAL		15
2ND SUMMER TERM					
INST	2290	2			
INST	2320	4			
INST	2340	3			
TOTAL		9			

INTERIOR DESIGN

Library Square

General Information (801) 957-2000

Academic Advisor (801) 957-4482

Director: Mojdeh Sakaki (801) 957-3929

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)

COURSE	CR	SEM	PREREQUISITES
INTD 1010 Intro Inter Des	3	A	none
INTD 1200 Theo/Psych of Color	3	A	none
INTD 1220 Draft for Inter Des	3	A	none
INTD 1230 Histor Furnishings	3	F, Sp	none
INTD 1310 Prof Practice Intr Des	4	F, Sp	INTD 1010, INTD 1200, INTD 1220, INTD 1320, INTD 1340, INTD 1450

INTD 1320 Persp and Rendering	3	Sp, Su	INTD 1220
INTD 1330 Contemp Furnishings	3	Sp	none
INTD 1340 Mat and Cmpnents	3	F, Sp	INTD 1010
INTD 1450 Intro Auto CAD I	4	A	INTD 1220,

ELECTIVES

COURSE	CR	SEM	PREREQUISITES
INTD 1360 Lighting	3	F	INTD 1010, INTD 1020
INTD 1400 Quick Sketch	2	F, Sp	INTD 1220, INTD 1320
INTD 1900 Interior Des Portfolio	3	F, Sp	INTD 1230, INTD 1310, INTD 1320, INTD 1330, INTD 1340 INTD 1450
INTD 2000 Inter Des Internship	3	A	Instructor approval
INTD 1500 Construction Principles	3	F, SP	INTD 1010, INTD 1220 INTD 1340

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
INTD 1010	3	INTD 1310	4
INTD 1200	3	INTD 1320	3
INTD 1220	3	INTD 1330	3
INTD 1230	3	INTD 1340	3
TOTAL	12	TOTAL	13
SUMMER TERM			
INTD 1450	4		
TOTAL	4		

ASSOCIATE OF APPLIED SCIENCE DEGREE IN INTERIOR DESIGN

(minimum 66 credits required)

GENERAL EDUCATION REQUIREMENTS

COMPOSITION

ENGL 1010 INTRODUCTION TO WRITING

QUANTITATIVE STUDIES (CHOOSE ONE OF THE FOLLOWING):

ART 1210	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

COURSE	CR	SEM	PREREQUISITES
INTD 1010 Intro to Interior Design	3	A	none
INTD 1200 Theory & Psych of Color	3	A	none
INTD 1220 Drafting for Int Designers	3	A	none
INTD 1230 Historic Furnishings	3	F, Sp	none
INTD 1310 Professional Practice	4	Sp, F	INTD 1010, 1200, 1220, 1320, 1340, 1450 INTD 1010
INTD 1320 Persp Drwg/Rendering	3	A	

INTD 1330	Contemporary Furnishings	3	F, SP	none
INTD 1340	Mat & Components of Des	3	F, Sp	INTD 1010
INTD 1355	Kitchen & Bath Design	3	F	INTD 1010/ 1220/1340/ 1450/1500
INTD 1360	Lighting	3	F	INTD 1010 /1220/1200/1450
INTD 1370	Commercial Space Planning	3	Sp	INTD 1340/ 1450/1500
INTD 1450	Interior Design AutoCAD I	4	A	INTD 1220
INTD 1460	Interior Design AutoCAD II	4	F, SP	INTD 1450
INTD 1500	Construction Principles	3		
INTD 1550	Portfolio Preparation	3	F, Sp	INTD 1230/ 1310/1320/ 1330/1340/1450
INTD 2000	Internship	3	A	INTD 1340/ 1450
INTERIOR DESIGN ELECTIVES				
INTD 1400	Quick Sketch	3	F,SP	INTD 1220/ 1320

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
INTD 1010	3		INTD 1320	3	
INTD 1200	3		INTD 1340	3	
INTD 1220	3		INTD 1500	3	
INTD 1230	3		INTD 1450	4	
INTD 1330	3		TOTAL	13	
TOTAL	15				
SUMMER TERM			FALL SEMESTER		
INTD 2000	3		INTD 1355	3	
GEN 2000	3		INTD 1370	3	
GEN 2000	3		INTD 1360	3	
GEN 2000	3		INTD 1460	4	
TOTAL	12		TOTAL	13	
2nd SPRING SEMESTER					
INTD 1310	4				
INTD 1500	3				
INTD 1550	3				
GEN 2000	3				
TOTAL	13				

INTERNATIONAL STUDIES

Estimated cost of books and supplies per semester \$150 TO \$250

International Studies Information (801) 957-4338**Offices: CT 286, 270****Academic Advisor SC 240 (801) 957-6066****www.slcc.edu/international****THE PROGRAM**

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
CORE PROGRAM REQUIREMENTS
(MINIMUM 61 HOURS REQUIRED)****GENERAL EDUCATION (34 CREDITS):**

COURSE	CR	SEM	PREREQUISITES

**CORE SKILLS
COMPOSITION**

ENGL 1010	Intro to Writing	3	A	pretest
ENGL 2010	Intermediate Writing	3	A	ENGL 1010

QUANTITATIVE LITERACY

MATH 1030	Quan Reasoning	3	A	MATH 1010

AMERICAN INSTITUTIONS (CHOOSE ONE COURSE)

ECON 1740	Econ History 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

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 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

Recommendations; some of these courses are required Core courses at the U of U and are recommended for students transferring to the U of U:

Humanities: INTL 2060

Interdisciplinary: BUS 1050 (prerequisite to MGT 2600 core course below)

Social Science: HIST 1510 (required course for International Studies at the U of U)

See pp. 24-25 for options in each of these categories.

MAJOR COURSE REQUIREMENTS (28-29 CREDITS):

COURSE	CR	SEM	PREREQUISITES
Language (of student's choosing):			
*LANG 1020 Beginning II	5	A	LANG 1010
*LANG 2010 Intermediate I	4	A	LANG 1020
*LANG 2020 Intermediate II	4	A	LANG 2010
*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			
MGT 2600 Intrntnl Trade/Bus	3	F	BUS 1050 or ECON 2020
POLS 2100 Intro Intrntnl Politics	3	TBA	none

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.)

COURSE	CR	SEM	PREREQUISITES
ANTH 1010 Cul & Human Exp	3	F, Sp	none
ANTH 1900 Spc Studies-Anthro	1-3	A	none
ANTH 2011 People/Cul of SW	3	Sp	none
ANTH 2900 Sp Topics Anthro	1-3	A	instructor approval
ARTH 2520 Latin Amer Art	3	Sp	none
ARTH 2640 Buddhist Art	3	F	none
ARTH 2700 Asian Art: Japan	3	Sp	none
ARTH 2710 Art History to Ren	3	F, Sp	none
ARTH 2720 Art Hist Since Ren	3	F, Sp	none
ENGL 2810 Native Am Liter	3	TBA	ENGL 1010
GEOG 1300 Regional Geography (ID)	3	F, Sp	none
HIST 1300 Colonial Latin Amer	3	F	none
HIST 1310 Modern Latin Amer	3	Sp	none
HIST 1450 Islamic Civilization	3	Sp	none
HIST 1500 World Hist to 1500	3	F, Sp	none
HIST 1510 Wrld Hist Since 1500	3	F, Sp	none
HUMA 2210 Intro to Russian Cult	3	F	none
HUMA 2220 Pacific Amer Studies	3	Sp	none
INTL 2040 Immgrnt Exp Lit/Film	3	F, Sp	none
INTL 2060 Intl Lit and Culture	3	A	none
INTL 2980 Travel Study	3	A	varies
INTL 2990 Study Abroad	3	A	varies

BUSINESS TRACK

COURSE	CR	SEM	PREREQUISITES
ECON 2020 Princ of Macroecon	3	A	none
MKTG 1030 Intro To Marketing	3	A	none

CHOOSE ONE OF THE FOLLOWING:

ECON 2400 Intntnl Econ/Finance	3	F	ECON 2010, ECON 2020
MKTG 2400 Intntnl Marketing	3	F	MKTG 1030, ECON 2020

LANGUAGE TRACK

(Courses should be chosen to complement the area being studied.)

COURSE	CR	SEM	PREREQUISITES
ANTH 1010 Cul & Human Exp	3	F, Sp	none
ANTH 1900 Spc Studies-Anthro	1-3	A	none
ANTH 2011 People/Cul of SW	3	Sp	none
ANTH 2900 Sp Topics Anthro	1-3	A	instructor approval
ARTH 2520 Latin Amer Art	3	Sp	none
ARTH 2640 Buddhist Art	3	F	none
ARTH 2700 Asian Art: Japan	3	Sp	none
ARTH 2710 Art History to Ren	3	F, Sp	none
ARTH 2720 Art Hist Since Ren	3	F, Sp	none
ENGL 2610 Diversity in Am Lit	3	TBA	ENGL 1010 with C or better
ENGL 2810 Native Am Liter	3	TBA	ENGL 1010
GEOG 1400 Human Geography	3	F, Sp	none
HIST 1300 Colonial Latin Amer	3	F	none
HIST 1310 Modern Latin Amer	3	Sp	none
HIST 1450 Islamic Civilization	3	Sp	none
HIST 1500 World Hist to 1500	3	F, Sp	none
HIST 1510 Wrld Hist Since 1500	3	F, Sp	none
HUMA 1300 West Civ-Anc to Ren	3	A	none
HUMA 1310 West Civ-Ren-Mod	3	A	none
HUMA 2120 Sacred Txts&Myths	3	Sp	none

HUMA 2130 Philosophy in Lit	3	F, Sp	none
HUMA 2210 Intro to Russian Cul	3	F	none
HUMA 2220 Pacific Amer Studies	3	Sp	none
PHIL 2350 Prin: Phil of Relig(HU)	3	F, SP	none
*LANG 1300 Beg Conversation	1		
LANG 1900 Sp Stud in LANG	1-2		
*LANG 2300 Conversation	1		
*LANG 2700 Intro to Literature	3		
LANG 2710 Intro to LANG Flm	3		
LANG 2900 Sp Tpcs in LANG	1-3		

*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 W138 (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 II). 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	CR	SEM	PREREQUISITES
ARB 1010 Beginning Arabic I	5	A	none
ARB 1020 Beg Arabic II (LN)	5	A	ARB 1010
ARB 1300 Beg. Convers/Arabic	1	A	ARB 1010
ARB 1900 Special Studies	1-2	A	Instructor Approval
ARB 2010 Interm Arabic I	4	F	ARB 1020
ARB 2020 Interm Arabic II	4	Sp	ARB 1020
ARB 2300 Interm Conversation	1	A	ARB 1020
ARB 2900 Special Topics	1-3	A	Instructor Approval

CHINESE

COURSE	CR	SEM	PREREQUISITES
CHI 1010 Beg Chinese I	5	A	none
CHI 1020 Beg Chinese II (LN)	5	A	CHI 1010
CHI 1300 Beg Convers	1	A	CHI 1010
CHI 1900 Special Studies	1-2	TBA	instructor's approval
CHI 2010 Interm Chinese I	4	F	CHI 1020
CHI 2020 Interm Chinese II	4	Sp	CHI 1020
CHI 2300 Conversation	1	F, Sp	CHI 1020
CHI 2710 Intr Chinese Film	3	TBA	CHI 1020
CHI 2900 Special Topics	1-3	A	Instructor approval

FRENCH

COURSE	CR	SEM	PREREQUISITES
FRN 1010 Beg French I	5	A	none
FRN 1020 Beg French II (LN)	5	A	FRN 1010
FRN 1300 Beg Convers	1	A	FRN 1010
FRN 1900 Special Studies	1-2	TBA	instructor's approval
FRN 2010 Interm French I	4	F	FRN 1020
FRN 2020 Interm French II	4	Sp	FRN 1020
FRN 2300 Conversation	1	F, Sp	FRN 1020
FRN 2700 Intro to French Lit	3	TBA	FRN 2020 or FRN 2010
FRN 2710 Intro French Film	3	TBA	FRN 1020
FRN 2900 Special Topics	1-3	A	Instructor approval

GERMAN

COURSE	CR	SEM	PREREQUISITES
GER 1010 Beg German I	5	A	none
GER 1020 Beg German II (LN)	5	A	GER 1010
GER 1300 Beg Convers	1	F, Sp	GER 1010
GER 1900 Special Studies	1-2	TBA	instructor's approval
GER 2010 Interm German I	4	F	GER 1020
GER 2020 Inter German II	4	Sp	GER 1020
GER 2300 Conversation	1	F, Sp	GER 1020
GER 2700 Intro to German Lit	3	TBA	GER 2020 or GER 2010
GER 2710 Int German Film	3	TBA	GER 1020
GER 2900 Special Topics	1-3	A	Instructor approval

INTERNATIONAL CULTURE

COURSE	CR	SEM	PREREQUISITES
INTL 2040 Immig Exp Lit/Film	3	F, Sp	none
INTL 2060 Intl Lit and Culture	3	A	none
INTL 2980 Travel Study	3	A	varies
INTL 2990 Study Abroad	3	A	varies

ITALIAN

COURSE	CR	SEM	PREREQUISITES
ITL 1010 Beg Italian I	5	A	none
ITL 1020 Beg Italian II (LN)	5	A	ITL 1010
ITL 1300 Beg Convers	1	Sp	ITL 1010
ITL 1900 Special Studies	1-2	TBA	instructor's approval
ITL 2010 Interm Italian I	4	F	ITL 1020

ITL 2020 Interm Italian II	4	Sp	ITL 1020
ITL 2300 Conversation	1	F, Sp	ITL 1020
ITL 2700 Intro to Literature	3	TBA	ITL 2020 or ITL 2010
ITL 2710 Intr Italian Film	3	TBA	ITL 1020
ITL 2900 Special Topics	1-3	A	Instructor approval

JAPANESE

COURSE	CR	SEM	PREREQUISITES
JPN 1010 Beg Japanese I	5	A	none
JPN 1020 Beg Japanese II (LN)	5	A	JPN 1010
JPN 1300 Beg Convers	1	A	JPN 1010
JPN 1900 Special Studies	1-2	TBA	approval
JPN 2010 Interm Japanese I	4	F	JPN 1020
JPN 2020 Interm Japanese II	4	Sp	JPN 1020 or JPN 2010
JPN 2300 Conversation	1	F, Sp	JPN 1020
JPN 2710 Int Japanese Flm	3	TBA	JPN 1020
JPN 2900 Special Topics	1-3	A	Instructor approval

NAVAJO

COURSE	CR	SEM	PREREQUISITES
NAV 1010 Beg Navajo I	5	F	none
NAV 2900 Special Topics	1-3	A	Instructor approval

PORTUGUESE

COURSE	CR	SEM	PREREQUISITES
POR 1010 Beg Portugse I	5	A	none
POR 1020 Beg Portugse II (LN)	5	A	POR 1010
POR 1300 Beg Convers	1	A	POR 1010
POR 1900 Special Studies	1-2	TBA	instructor's approval
POR 2010 Interm Portugse I	4	F	POR 1020
POR 2020 Interm Portugse II	4	F	POR 1020 or POR 2010
POR 2300 Conversation	1	F, Sp	POR 1020
POR 2700 Intro to Literatur	3	TBA	POR 2020 or POR 2010
POR 2710 Portuguese Film	3	TBA	POR 1020
POR 2900 Special Topics	1-3	A	Instructor approval

RUSSIAN

COURSE	CR	SEM	PREREQUISITES
RUS 1010 Beg Russian I	5	A	none
RUS 1020 Beg Russian II (LN)	5	A	RUS 1010
RUS 1300 Beg Convers	1	A	RUS 1010
RUS 1900 Special Studies	1-2	TBA	instructor's approval
RUS 2010 Inter Russian I	4	F	RUS 1020
RUS 2020 Inter Russian II	4	Sp	RUS 2010
RUS 2300 Conversation	1	F, Sp	RUS 1020
RUS 2700 Intro to Literatur	3	TBA	RUS 2020 or RUS 2010
RUS 2710 Int Russian Film	3	TBA	RUS 1020
RUS 2900 Special Topics	1-3	A	Instructor approval

SAMOAN

COURSE	CR	SEM	PREREQUISITES
SAM 1010 Beginning Samoan I	5	A	none
SAM 1020 Beg Samoan II (LN)	5	A	SAM 1010
SAM 1300 Beg. Convr/s/Samoan	1	A	SAM 1010
SAM 1900 Special Studies	1-2	A	Instructor Approval
SAM 2010 Interm Samoan I	4	F	SAM 1020
SAM 2020 Interm Samoan II	4	Sp	SAM 1020
SAM 2300 Interm Conversation	1	A	SAM 1020
SAM 2900 Special Topics	1-3	A	Instructor Approval

SPANISH

COURSE	CR	SEM	PREREQUISITES
SPN 1010 Beg Spanish I	5	A	none
SPN 1020 Beg Spanish II (LN)	5	A	SPN 1010
SPN 1300 Beg Convers	1	A	SPN 1010
SPN 1900 Special Studies	1-2	TBA	instructor's approval
SPN 2010 Interm Spanish I	4	F	SPN 1020
SPN 2020 Interm Spanish II	4	Sp	SPN 2010
SPN 2300 Conversation	1	F, Sp	SPN 1020
SPN 2700 Intro to Literatur	3	TBA	SPN 2020 or SPN 2010
SPN 2710 Int Hispanic Film	3	TBA	SPN 1020
SPN 2900 Special Topics	1-3	A	Instructor approval

TONGAN COURSE

		CR	SEM	PREREQUISITES
TNG	1010 Beginning Tongan I	5	A	none
TNG	1020 Beg Tongan II (LN)	5	A	TNG 1010
TNG	1300 Beg. Conver/Tongan	1	A	TNG 1010
TNG	1900 Special Studies	1-2	A	Instructor Approval
TNG	2010 Interm Tongan I	4	F	TNG 1020
TNG	2020 Interm Tongan II	4	Sp	TNG 1020
TNG	2300 Interm Conversation	1	A	TNG 1020
TNG	2900 Special Topics	1-3	A	Instructor Approval

LAW ENFORCEMENT

SEE CRIMINAL JUSTICE AND/OR CONTINUING EDUCATION, INSTITUTE OF PUBLIC SAFETY.

LEADERSHIP, MANAGEMENT, AND SUPERVISION

SEE CONTINUING EDUCATION.

LEARNING ENHANCEMENT

SEE DEVELOPMENTAL EDUCATION.

LIBRARY & INFORMATION SCIENCE

SEE CONTINUING EDUCATION

MACHINING TECHNOLOGY

SEE ENGINEERING DESIGN/DRAFTING TECHNOLOGY.

MACHINIST

SEE SCHOOL OF APPLIED TECHNOLOGY AND/OR APPRENTICESHIPS.

MANAGEMENT, BS

SEE UNIVERSITY CENTER.

MANAGEMENT INFORMATION SCIENCES, BS

SEE UNIVERSITY CENTER.

MANUFACTURING ENGINEERING

SEE ENGINEERING.

MANUFACTURING ENGINEERING TECHNOLOGY

SEE ENGINEERING DESIGN/DRAFTING TECHNOLOGY.

MANUFACTURING PROCESSES

SEE CONTINUING EDUCATION.

MARINE BIOLOGY

Academic Advisor: SI 209 (801) 957-4858

Associate Professor: Melissa Tillack

THE PROGRAM

Salt Lake Community College has a partnership with the Living Planet Aquarium.

Salt Lake Community College Biology Department offers Introduction to Marine Biology lecture and laboratory class. Students will have the opportunity for hands-on study of marine plants, plankton, invertebrates and vertebrates. This course satisfies the Biological Sciences General Education Requirement, and will be taught by SLCC Biology Department faculty, Melissa Tillack. A laboratory fee is charged for the laboratory course.

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

COURSE	CR	SEM	PREREQUISITES
BIOL 1070 Intro to Marine Bio	4	F, Sp	concurrent w/BIOL 1075

MARKETING, BS

SEE UNIVERSITY CENTER.

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 (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 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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE STUDIES			
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
COMMUNICATION			
BUS 2200 Bus Communications	3	A	ENGL 1010 w/C or better
HUMAN RELATIONS			
MKTG 1010 Customer Service	2	A	none
DISTRIBUTION AREAS			
Choose an additional six credits 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: except BUS 1050, MKTG 1050.

See pp. 23-27 for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ACCT 2010 Survey Fin Acct	3	A	none
BUS 1050 Foundations of Bus	3	A	none
ECON 2010 Microeconomics	3	A	none
MGT 1020 Intro to Dist Sys	3	A	none
MGT 2050 Lgl Envir Bus	3	A	BUS 1050
*MKTG1030 Intro to Mktg	3	A	none
*MKTG1050 Consumerism	3	A	none
*MKTG1070 Promotion	3	F	none
*MKTG1300 Bus Present	2	F	CIS 1020 or comp
*MKTG1480 Sales	3	Sp	none
*MKTG2100 Mktg Info Mgmt	3	Sp	MKTG 1030
*MKTG2120 Prdct/Prcg Strg	3	F	MKTG 1030
*MKTG2400 Intl Mktg	3	F	MKTG 1030, ECON 2020
*MKTG2350 Consumer & Bus Mktg	3	Sp	MKTG 1030
*MKTG2500 Princ of Mktg	3	Sp	MKTG 1070, or MKTG 2350, MKTG 2100, MKTG 2120
*MKTG2810 E-CmDsgn/Imp	3	Sp,	MKTG 1030, MKTG 1480 or concurrent
MKTG Electives	3		

MARKETING ELECTIVES (3 CREDITS)

MGT 2070 Human Res Mgt	3	F, Sp	BUS 1050
MGT 2600 Intl Trade/Bus	3	Sp	none
*MKTG1900 DEX SpecProj	2	A	none
*MKTG1910 Event Marketing	3	F	none
*MKTG2000 CO-OP	1-3	A	approval
*MKTG2990 Current Topics	1-3	A	variable

*Can be taken as an elective if not taken as a required course.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL 1010	3		BUS 2200	3	
MGT 1020	3		FIN 1380	3	
MKTG 1030	3		MKTG 1480	3	
MKTG 1070	3		MKTG 2100	3	
MKTG 1300	2		MKTG 2350	3	
BUS 1050	3		TOTAL	15	
TOTAL	17				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ACCT 2010	3		MKTG 1010	2	
ECON 2010	3		MKTG 1050	3	
MGT 2050	3		MKTG 2500	3	
MKTG 2120	3		MKTG 2810	3	
MKTG 2400	3		DISTRIBUTION	6	
MKTG ELECTIVE	3		TOTAL	17	
TOTAL	18				

CERTIFICATE OF COMPLETION/^{CTE} MARKETING MANAGEMENT (MINIMUM 37 HOURS REQUIRED)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ACCT 2010 Survey Fin Acct	3	A	none
BUS 1050 Foundations of Bus	3	A	none
BUS 2200 Bus Communications	3	A	ENGL 1010 w/C or better
MKTG 1010 Customer Service	2	A	none
ENGL 1010 Intro to Writing	3	A	pre-Test
FIN 1380 Financial Math	3	A	MATH 0990 or CPT
MGT 1020 Intro to Dist Sys	3	A	none
*MKTG1030 Intro to Mktg	3	A	none
*MKTG1050 Consumerism	3	A	none
*MKTG1070 Promotion	3	F	none
*MKTG1300 Business Pres	2	F	CIS 1020 or competency
*MKTG1480 Sales	3	Sp	none
*MKTG2350 Consumer & Bus Mktg	3	Sp	MKTG 1030

*Must be competed with C+ or higher.

SAMPLE SCHEDULE					
FALL SEMESTER			SPRING SEMESTER		
BUS	1050	3	ACCT	2010	3
MKTG	1010	2	BUS	2200	3
ENGL	1010	3	FIN	1380	3
MGT	1020	3	MKTG	1050	3
MKTG	1030	3	MKTG	1480	3
MKTG	1070	3	MKTG	2350	3
MKTG	1300	2	TOTAL		18
TOTAL		19			

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 Cummins

Associate Professor: Kathy Eppler, Joe Gallegos, Shawna Haider

Assistant Professors: Dale Nelson, Doug Richards, Brenda Santistevan, Cindy Soderstrom, Shane Tang, Suzanne Topp, Ruth Trygstad, 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)

PROGRAM PREREQUISITE (MUST BE COMPLETED WITH A C OR BETTER)

COURSE	CR	SEM	PREREQUISITES
MATH 1060 Trigonometry	3	A	MATH 1050 and RDG 0990 w/C or better or appropriate placement

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	Placement Test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
QUANTITATIVE LITERACY			
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

INSTITUTIONAL REQUIREMENTS

LIFELONG WELLNESS			
HLAC ____	1	A	none

STUDENT CHOICE (3 CREDITS)

(Choose COMM 1020 Public speaking for transfer to Westminster or Weber.)

COMPUTER COMPETENCY

DISTRIBUTION AREAS

Choose three credit hours from each of the following areas. One of the courses must also be a Diversity course (DV).

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
Social Science (SS)	3	A	none

Physical Science area is exempted; PHYS 2210 is required for program.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
MATH 1040 Intro to Statistics	3	A	MATH 1010 and RDG 0990 w/C or better or appropriate placement
MATH 1220 Calculus II	4	A	MATH 1210 (C or better)
MATH 2210 Multiv Calculus	3	F/Sp	MATH 1220 (C or better)
MATH 2270 Linear Algebra	4	F	MATH 1220 (C or better)
MATH 2280 Diff Equations	4	Sp	MATH 2270 (C or better)
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
PHYS 2220 Physics f/Sci&Eng II	4	A	PHYS 2210, MATH 1220

ELECTIVES: (5 CREDITS)

CHOOSE AT LEAST 5 CREDIT HOURS FROM THE FOLLOWING:

COURSE	CR	SEM	PREREQUISITES
PHYS 2215* Physics for Sci & Eng Lab	1	A	Concurrent w/PHYS 2210
PHYS 2225** Physics for Sci & Eng Lab II	1	A	w/PHYS 2220
CHEM 1210 General Chemistry I	4	A	MATH 1050 w/C or better, concurrent w/CHEM 1215

MEDICAL ASSISTANT

ENGR 1040	Eng Computing	3	A	MATH 1050, with MATH 1060
CS 1400	Fund of Programming	3	A	CS 1030 with CS 1405
CS 1405	Design and OO Method	1	A	with CS 1400

*required to transfer to UVU and SUU.

**required to transfer to SUU.

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
MATH 1040	3			MATH 1220	4		
MATH 1210	4			ENGL 2010	3		
ENGL 1010	3			DISTRIBUTION	6		
AMERICAN INST	3			STUDENT CHOICE	3		
DISTRIBUTION	3			TOTAL	16		
TOTAL	16						
2ND FALL SEMESTER				2ND SPRING SEMESTER			
MATH 2210	3			MATH 2280	4		
MATH 2270	4			PHYS 2220	4		
PHYS 2210	4			HLAC	1		
DISTRIBUTION	3			DISTRIBUTION	3		
ELECTIVE	2			ELECTIVE	3		
TOTAL	16			TOTAL	15		

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES
MATH 1010 Interm Algebra	4	A	MATH 0990 and RDG 0990 w/C or better or appropriate placement
MATH 1015 Interm Algebra Workshop	1	A	w/MATH 1010
MATH 1020 Math for Health	3	A	MATH 0920 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 1210 Calculus I	4	A	MATH 1060
MATH 1220 Calculus II	4	A	MATH 1210
MATH 2000 CO-OP	2-4	A	instructor's approval
MATH 2010 Math Elm Tch I	3	F	MATH 1050
MATH 2020 Math Elm Tch II	3	Sp	MATH 2010
MATH 2210 Multiv Calculus	3	A	MATH 1220
MATH 2040 Stats for Applied Science	4	F,Sp	Math 1050
MATH 2250 Lin Alg, Dif Equa	4S	F, Sp	MATH 1220
MATH 2270 Linear Algebra	4	F	MATH 1220 (C or better)
MATH 2280 Diff Equations	4	Sp	MATH 2270 (C or better)

* **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.

MECHANICAL ENGINEERING

SEE ENGINEERING.

MECHANICAL ENGINEERING TECHNOLOGY

SEE ENGINEERING.

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 (74%) 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. Hepta-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.

NOTE: The Hepta-vax immunization series takes 7 months to complete. Proof of 2nd injection must be shown before beginning the 2nd semester of courses. **NO EXCEPTIONS.**

A student may decide to refuse any of the immunizations by signing a waiver and release form.

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 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

PSY 1100, MA 1200/MA 1210 and MA 2240 meet Human Relations/Communication requirements. Computation skills determined by the AAMA and SLCC student learning outcomes are taught in MA 1310 and MA 1210.

CERTIFICATE OF COMPLETION/CTE MEDICAL ASSISTANT (MINIMUM 49 HOURS REQUIRED)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
PSY 1100 Human Growth	3	A	none
MA 1100 Med Termnolgy	2	A	none
MA 1200 Med Off Mgmt	4	A	proof of word processing proficiency
MA 1210 Med Off Mgmt	2	A	w/ MA 1200
MA 1300 Clinical Phrmclg	4	A	MA 1100, MA 1420, w/MA 2420
MA 1310 Phleb/Admin of Meds	2	A	MA 1200/1210, MA 1420
MA 1420 Clinical Ptholgy	3	A	w/ MA 1100
MA 1600 Patient Care	2	A	MA 1100, MA 1420, w/MA 2420
MA 1610 Patient Care	4	A	MA 1100, MA 1420
MA 2240 Med Off Com	2	A	MA 1100, MA 1200, MA 1210, w/MA 2420
MA 2300 Med Codng Pro	3	A	MA 1100, MA 1420
MA 2420 Clinical Ptholgy II	3	A	MA 1420
MA 2540 Prac Radiology	2	A	MA 1420, MA 2420, instructor's approval
MA 2550 Radiology	3	A	w/MA 2540
MA 2600 Adv Patient Care	2	A	MA 2420, MA 1600
MA 2610 Adv Patient Care	4	A	w/MA 2600, MA 1310
MA 2810 MedAsst Extrn	4	A	Successful completion of all required courses in the program w/C (74%) or better

ADDITIONAL DEPARTMENT OFFERINGS

MA 2310 Adv Code	7	F, Sp	Instructor approval
MA 2990 Special Studies	7	F, Sp	Instructor approval

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
MA	1100	2	MA	1300	4
MA	1200	4	MA	1310	2
MA	1210	2	MA	1600	2
MA	1420	3	MA	1610	4
PSY	1100	3	MA	2240	2
TOTAL		14	MA	2420	3
			TOTAL		17
THIRD SEMESTER					
MA	2300	3			
MA	2540	2			
MA	2550	3			
MA	2600	2			
MA	2610	4			
MA	2810	4			
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
COMPOSITION
COURSE**

	CR	SEM	PREREQUISITES
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 approp CPT score
OR			
MATH 1040 Statistics	3	A	MATH 1010 or approp CPT score
OR			
MATH 1050 College Algebra	4	A	MATH 1010 or approp CPT score

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

INSTITUTIONAL REQUIREMENTS**LIFELONG WELLNESS**

COURSE	CR	SEM	PREREQUISITES
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 0900 w/C or better or none (except MUSC 1010)
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

COURSE	CR	SEM	PREREQUISITES
*MUSC 0990 Recital Attend	0	A	none
MUSC 1010 Intro to Music	3	A	none
MUSC 1150 Group Piano I	1	F, Sp	none
MUSC 1160 Group Piano II	1	Sp	MUSC 1150
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
*MUSC1370 Concert Choir	1	F, Sp	audition
OR			
*MUSC 1380 Chamber Singers	1	F, Sp	audition

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.

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
MUSC 0990	0	MUSC 0990	0
MUSC 1010	3	MUSC 1160	1
MUSC 1150	1	MUSC 1370	1
MUSC 1370	1	OR	
MUSC 1380	1	MUSC 1380	1
MUSC 1110	3	MUSC 1120	3
MUSC 1130	1	MUSC 1140	1
ENGL 1010	3	HLAC	1
AMERICAN INST	3	DISTRIBUTION	6
TOTAL	15	STUDENT CHOICE	3
		TOTAL	16
2ND FALL SEMESTER		2ND SPRING SEMESTER	
MUSC 0990	0	MUSC 0990	0
MUSC 1370	1	MUSC 1370	1
OR		OR	
MUSC 1380	1	MUSC 1380	1
MUSC 2110	3	MUSC 2350	2
MUSC 2130	1	MUSC 2120	3
DISTRIBUTION	6	MUSC 2140	1
QUANT LITERACY	3-4	ENGL 2010	3
TOTAL	14-15	DISTRIBUTION	6
		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 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 1150 Group Piano I	1	F, Sp	none
MUSC 1160 Group Piano II	1	Sp	MUSC 1150
MUSC 1310 Group Voice I	2	A	none
MUSC 1350 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	1	F, Sp	audition
MUSC 1390 South City Jazz	1	F, Sp	audition
MUSC 1450 Bruin Band	1	TBA	none
MUSC 1460 Chamber Orchestra	1	F, Sp	audition
MUSC 1470 Jazz Band	1	F, Sp	none
MUSC 1480 Guitar Ensembl	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	MUSC 1610
MUSC 1660	Frtbrd Theory I	2	F	none
MUSC 1670	Frtbrd Theory II	2	Sp	MUSC 1660
MUSC 1710	Priv Guitar/Bass (nonMaj)	1	A	None
MUSC 1712	Priv Guitar/Bass (MusEdMaj)	1	A	Audition
MUSC 1715	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 Wdwind (MusEdMaj)	1	A	Audition
MUSC 1765	Priv Wdwind (Perf Maj)	2	A	Audition
MUSC 2710	Priv Guitar/Bass (nonMaj)	1	A	None
MUSC 2712	Priv Gtr/Bass (Mus Ed Maj)	1	A	Audition
MUSC 2715	Priv Gtr/Bass (Mus Perf Maj)	2	A	Audition
MUSC 2720	Priv Strings (nonMaj)	1	A	None
MUSC 2722	Priv Strings (Mus Ed Maj)	1	A	Audition
MUSC 2725	Priv Strings (Mus Perf Maj)	2	A	Audition
MUSC 2730	Priv Piano (nonMaj)	1	A	None
MUSC 2732	Priv Piano (Mus Ed Maj)	1	A	Audition
MUSC 2735	Priv Piano (Mus Perf Maj)	2	A	Audition
MUSC 2740	Priv Brass (nonMaj)	1	A	None
MUSC 2742	Priv Brass (Mus Ed Maj)	1	A	Audition
MUSC 2745	Priv Brass (Mus Perf Maj)	2	A	Audition
MUSC 2750	Priv Voice (nonMaj)	1	A	None
MUSC 2752	Priv Voice (Mus Ed Maj)	1	A	Audition
MUSC 2755	Priv Voice (Mus Perf Maj)	2	A	Audition
MUSC 2760	Priv Woodwind (nonMaj)	1	A	None
MUSC 2762	Priv Wdwind (Mus Ed Maj)	1	A	Audition
MUSC 2765	Priv Woodwind (Perf Maj)	2	A	Audition
MUSC 1900	Special Studies	1-3	F, Sp	approval
MUSC 2350	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	TBA	none
MUSC 2990	Perf Arts Connet	2	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) 957-4073
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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test

QUANTITATIVE STUDIES

IND 1120 Mth for Ind	3	A	none
OR			
MATH 1030 Quant Reas	3	A	MATH 1010 w/C or better

COMMUNICATION

COMM 1010 Elem of Eff Comm	3	A	none

HUMAN RELATIONS

LE 1220 Human Relation	3	A	none

DISTRIBUTION AREAS

Choose an additional three credits 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

COURSE	CR	SEM	PREREQUISITES
ENGL 2100 Technical Wrtng	3	A	ENGL 1010 w/C or better
NDT 1110 Intro to NDT	3	TBA	none
NDT 1114 Ultrasonics I	3	TBA	w/IND 1120
NDT 1115 Ultrasonics I Lb	1	TBA	w/NDT 1114
NDT 1120 Magnetic Parti	2	TBA	w/NDT 1121
NDT 1121 Mgnetic Part L	1	TBA	w/NDT 1120
NDT 1122 Eddy Current I	3	TBA	IND 1120, w/NDT 1123
NDT 1123 Eddy Curr I Lab	1	TBA	w/NDT 1122
NDT 1130 Radiography Saf	3	TBA	IND 1120
NDT 1132 Radiography I	3	TBA	NDT 1130, IND 1120, w/NDT 1133
NDT 1133 Radiography I L	1	TBA	w/NDT 1132
NDT 1210 Liquid	2	TBA	w/NDT 1211
NDT 1211 Liquid Pntrnt L	1	TBA	w/NDT 1210
NDT 1213 Ultrasonics II	3	TBA	NDT 1114, NDT 1115, w/NDT 1214
NDT 1214 Ultrasonics II Lb	1	TBA	w/NDT 1213
NDT 1222 Eddy Current II	3	TBA	NDT 1122, NDT 1123, w/NDT 1223
NDT 1223 Eddy Curr II Lab	1	TBA	w/NDT 1222
NDT 1230 Codes & Proced	2	TBA	instructor's approval
NDT 1232 Radiography II	3	TBA	NDT 1132, NDT 1133, w/NDT 1233
NDT 1233 Radiography II L	1	TBA	w/NDT 1232
NDT 1234 Adv NDT Concp	3	TBA	approval
WLD 1005 Related Welding	3	A	none
WLD 1260 Blueprnt Wldng	3	F	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
NDT 1110	3		NDT 1122	3	
NDT 1114	3		NDT 1123	1	
NDT 1115	1		NDT 1130	3	
NDT 1120	2		NDT 1132	3	
NDT 1121	1		NDT 1133	1	
COMM 1010	3		ENGL 1010	3	
LE 1220	3		IND 1120	3	
TOTAL	16		OR		
			MATH 1030	3	
			TOTAL	17	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
NDT 1210	2		NDT 1222	3	
NDT 1211	1		NDT 1223	1	
NDT 1213	3		NDT 1232	3	
NDT 1214	1		NDT 1233	1	
NDT 1230	2		NDT 1234	3	
WLD 1005	3		DISTRIBUTION	3	
WLD 1260	3		TOTAL	14	
ENGL 2100	3				
TOTAL	18				

NURSE ASSISTANT (CERTIFIED)

SEE SCHOOL OF APPLIED TECHNOLOGY.

NURSING

Estimated cost of books and supplies and fees

Books per year	\$1,000
Graduation Fees	\$25
NCLEX Fees (per level)	\$200
Standardized Test Fee (per year)	\$38
Student Picture ID	\$5
Nursing Picture (optional)	\$50
Uniform	\$25
Nursing supplies	\$150
Lab Fees	\$300

**Including Practical Nurse Exit Option
Advanced Placement LPN-RN Option**
www.slcc.edu/nursing

School of Health Sciences - Jordan Campus
General Information (801) 957-4073
Division of Nursing (801) 957-4932
Academic Advising, JHS 047 (801) 957-6215
Advising Appointment (801) 957-2615 or (801) 957-2680
Health Sciences Admissions: JHS 047 (801) 957-4163

Professors: Georgia Anderson, Susan Labasky, Peggy Stevens, Donna Thompson

Associate Professors: Beverly Anderson

Assistant Professors: Jennie Barnes, Andrea Crittenden, Wilma Dolowitz, Kim Dumas, Donna Murphy, Diane Moss, Debora Jackson, Sarah Pacheco Julie Rowsey, Russell Shipley, Barbara Stencel, Carol Whitesides

Instructors: Betsy Christopher, Jololene Allan, Antoinette France, Jane Jensen, Kathleen Jewkes, Lori Norton, Kristi Miller

THE PROGRAM

The nursing program is a two-year curriculum. Successful completion entitles the student to an Associate of Applied Science degree. Graduates may then complete the NCLEX exam for licensure as a registered nurse. Completing the Associate of Science degree requirements outlined under **HEALTH SCIENCES** will enable the student to transfer to a four-year institution for completion of a Bachelor of Science degree in nursing. For further information please refer to the transfer information below.

Registered nurses function in a variety of roles—provider of care and manager of care in various health care settings including acute care, long term care, and community settings. As a member of this discipline of nursing, registered nurses practice within the scope of practice as outline in the Utah Nurse Practice Act.

Salt Lake Community College Associate of Applied Science is approved by the Utah State Board of Nursing and accredited by the National League for Nursing Accrediting Commission, NLNAC, 3343 Peachtree Rd. NE, Suite 500, Atlanta, GA 30326 (404) 975-5000. www.nlnac.org.

The program provides both general and technical education for continuing nursing students and for practical nurses to earn an associate of applied science degree in registered nursing.

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.

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 HLTH 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 SCIENCE^{CTE} 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.

COURSE		CR	SEM	PREREQUISITES
BIOL 1610	College Biology I	4	A	(Placement Required) With C or better in Math 1020 or 0990 or equivalent CPT/ACT placement score AND C or better in RDG 0990 or equivalent CPT/ACT placement score. Concurrent w/BIOL 1615 (lab)
BIOL 2320	Human Anatomy	4	A	BIOL 1610 w/BIOL 2325 (Lab)
MATH 1020	Math F/Hlth Discp	3	A	MATH 0920 or MATH 0950 or appropriate CPT score
BIOL 2420	Human Physlgy	4	A	BIOL 1610 w/BIOL 2425 (Lab)
CHEM 1110	Elem Chemistry	4	A	MATH 1010 or 1020
CHEM 1115	Elem Chem Lab	1	A	MATH 1010 or 1020

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test

QUANTITATIVE STUDIES

*MATH 1020 Math for Health	3	A	MATH 0920 or MATH 0950 or appropriate CPT score
ENG 1010 Intro to Writing	3	A	pre-test

*Transferring students may challenge MATH 1020. Students also may challenge MATH 1010 or take the CPT examination to meet the prerequisites for MATH 1040 or MATH 1050.

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:

COURSE	CR	SEM	PREREQUISITES
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 2320 Human Anatomy	4	A	BIOL 1610 w/BIOL 2325 (Lab)
BIOL 2420 Human Physlgy	4	A	BIOL 1610 w/BIOL 2425 (Lab)
CHEM 1110 Elem Chemistry	4	A	MATH 1010 or 1020 concurrent w/CHEM 1115
CHEM 1115 Elem Chem Lab	1	A	Concurrent w/CHEM 1110

*Meets SLCC distribution requirements.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
BIOL 2320 Human Anatomy	4	A	BIOL 1610 w/BIOL 2325 (Lab)
BIOL 2420 Human Physlgy	4	A	BIOL 1610 w/BIOL 2425 (Lab)
CHEM 1110 Elem Chemistry	4	A	MATH 1010 or 1020 concurrent w/CHEM 1115
CHEM 1115 Elem Chem Lab	1	A	Concurrent w/CHEM 1110
HLTH 1020 Fndtns of Nutritn	3	A	none
NSG 1250 Pharmacology I	2	F, Sp	admission to the program
NSG 1350 Fundamentals of Nursing	4	F, Sp	admission to the program, CNA certification
NSG 1355 Fndamntals of Nsg Clincl	2	F, Sp	admission to the program
NSG 1400 Maternal/Newborn	2	F, Sp	NSG 1250, NSG 1350 and NSG 2900

NSG 1405 Maternal/Newborn Clincl	1	F, Sp	NSG 1250, NSG 1350 and NSG 2900
NSG 1500 Nsg Care of Childr	2	A	NSG 1350
NSG 1505 Nsg Care Childr Clincl	0.5	A	NSG 1350
NSG 1700 Med/Surg Nsg I	4	F, Sp	NSG 1350
NSG 1705 Med/Surg Nsg I Clincl	2	F, Sp	NSG 1350
NSG 2200 Med/Surg Nsg II	4	F, Sp	Completion of first year
NSG 2205 Med/Surg Nsg II Clincl	2	F, Sp	Completion of first year
NSG 2250 Pharmacology II	2	F, Sp	NSG 1250
NSG 2300 Commnty Nsg	2	F, Sp	NSG 2200
NSG 2305 Commnty Nsg Clincl	1	F, Sp	NSG 2200
NSG 2400 Med/Surg Nsg III	3	F, Sp	Completion of first year
NSG 2405 Med/Surg Nsg III Clincl	1	F, Sp	Completion of first year
NSG 2500 Mgmt, Trnds, Issues	1.5	F, Sp	Completion of first year of Nursing
NSG 2600 Mental Heatlh Nsg	2	F, Sp	NSG 2200
NSG 2605 Mental Heatlh Nsg Clincl	1	F, Sp	NSG 2200
NSG 2900 Pathophysiology	4	F, Sp	admission to the program
PSY 1100 Hmn Growth/Dev	3	A	none

ELECTIVES

COURSE	CR	SEM	PREREQUISITES
NSG 1990 Ind Study (1st year)	1-5		
NSG 2990 Ind Study (2nd year)	1-5		

ADDITIONAL OFFERINGS**SPIN-OFF COURSE****(OFFERS EQUIVALENCY FOR PRACTICAL NURSING)**

COURSE	CR	SEM	PREREQUISITES
*NSG 1800 Transition to PN	3	S	Completion of First Year

*Required for students planning to take PN Licensure Exam

TRANSITIONAL COURSE FOR ADVANCED PLACEMENT STUDENTS (IF APPLICABLE)

COURSE	CR	SEM	PREREQUISITES
**NSG 1900 Trans to Nsg AAS	1	F, Sp	Current LPN competency exam

**Required for Advanced Placement Students.

INDEPENDENT STUDIES COURSES

COURSE	CR	SEM	PREREQUISITES
NSG 1990 Independent Study	1-5	A	Department approval
NSG 2990 Ind Study 2nd year	1-5	A	2nd year student and Department approval

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
MATH 1020	3		BIOL 2320	4	
BIOL 1610	4		W/BIOL 2325 (LAB)		
W/BIOL 1615 (LAB)			CHEM 1110	4	
TOTAL	7		CHEM 1115	1	
			TOTAL	9	
SUMMER TERM					
BIOL 2420	4				
W/BIOL 2425 (LAB)					
TOTAL	4				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
NSG 1350	4		NSG 1400	2	
NSG 1355	2		NSG 1405	1	
NSG 1250	2		NSG 1500	2	
NSG 2900	4		NSG 1505	0.5	
PSY 1100	3		NSG 1700	4	
TOTAL	15		NSG 1705	2	
			HLTH 1020	3	
			TOTAL	14.5	
FIRST YEAR NURSING COMPETENCY EXAM					
3RD FALL SEMESTER			3RD SPRING SEMESTER		
NSG 2200	4		NSG 2300	2	
NSG 2205	2		NSG 2305	1	
NSG 2250	2		NSG 2400	3	
NSG 2600	2		NSG 2405	1	
NSG 2605	1		NSG 2500	1.5	
ENG 1010	3		TOTAL	8.5	
TOTAL	14				
SECOND YEAR NURSING COMPETENCY EXAM					

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 advice regarding eligibility for licensure and requirements needed 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, III 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) 957-4894, (801) 957-4394

General Program Information (801) 957-4098

Academic Advisor JCHSC 047E (801) 957-4407

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, P.O. 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 a 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 Year 1 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. Hepta-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

(minimum 73 hours required, includes prerequisites.)

ADMISSION PREREQUISITES WITH MINIMUM GRADE OF B WITHIN THE PAST FIVE YEARS:

COURSE	CR	SEM	PREREQUISITES
BIOL 2320 Human Anat w/BIOL 2325	4	A	BIOL 1610/1615*
OTA 1020 Intro to OT	2	A	none

*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

COURSE	CR	SEM	PREREQUISITES
COMM 1010 Intro to Comm	3	A	none
ENGL 1010 Intro to Writing	3	A	pre-test
MATH 1010 Algebra	4	A	MATH 0990
PSY 1100 Hu Grwth/Dev	3	A	none

RECOMMENDED BUT NOT REQUIRED

COURSE	CR	SEM	PREREQUISITES
MA 1100 Med Term	2	F, Sp	none

MAJOR COURSE REQUIREMENTS

(ADMISSION INTO THE OTA PROGRAM REQUIRED)

COURSE	CR	SEM	PREREQUISITES
OTA 1100 Functional Anat	4	F	OTA 1020
OTA 1120 OT Modlts I Lec	2	F	OTA 1020
OTA 1130 OT Modlts I Lab	1	F	OTA 1020
OTA 1140 Phy Dysfun Lec	3	F	OTA 1020
OTA 1150 Phy Dysfun Lab	1	F	OTA 1020
OTA 1170 PD Fldwk Exp	2	F	OTA 1020
OTA 1180 Domain and Process	2	F	OTA 1020
OTA 1210 OT Profess Iss I	2	Sp	OTA 1170
OTA 1220 OT Modlts II Lec	2	Sp	OTA 1120
OTA 1230 OT Modlts II Lb	1	Sp	OTA 1130
OTA 1240 Physical Dysfunc II	3	Sp	OTA 1100, OTA 1110, w/OTA 1250
OTA 1250 Phys Dysfunc II Lab	1	Sp	OTA 1100, OTA 1110, w/OTA 1240
OTA 1270 Ped FldwrkExper	2	Sp	OTA 1170
OTA 1280 Ped/Adol Lec	3	Sp	OTA 1100, OTA 1110
OTA 1290 Ped/Adol Lab	1	Sp	OTA 1100, OTA 1110
OTA 2310 OT Prof Issues II	2	F	OTA 1210
OTA 2320 Modalities III Lec	2	F	OTA 1220
OTA 2330 Modalities III Lab	1	F	OTA 1130, OTA 1230
OTA 2340 Psych Behavior	3	F	OTA 1140, OTA 1280
OTA 2350 Geriatrics	3	F	OTA 1140, OTA 1240
OTA 2380 Psy/Ger Fldwrk	2	F	OTA 1170, OTA 1270
OTA 2450 Fldwrk Exp II Ptr	6	Sp	OTA 1170, OTA 1270, OTA 2380
OTA 2460 Fldwrk Exp II Pt2	6	Sp	OTA 1170, OTA 1270, OTA 2380

OPTIONAL

OTA 2960 OT & PT in Wrkplc	2	Sp	Instructor's approval
OTA 2990 Special Topics	2	Sp, Su	Instructor's approval

SAMPLE SCHEDULE

PREREQUISITES			
BIOL 1110	3		
COMM 1010	3		
ENGL 1010	3		
MATH 1010	4		
PSY 1100	3		
OTA 1020	2		
TOTAL	18		
FALL SEMESTER		SPRING SEMESTER	
OTA 1100	4	OTA 1210	2
OTA 1180	2	OTA 1220	2
OTA 1120	2	OTA 1230	1
OTA 1130	1	OTA 1240	3
OTA 1140	3	OTA 1250	1
OTA 1150	1	OTA 1270	2
OTA 1170	2	OTA 1280	3
TOTAL	15	OTA 1290	1
		TOTAL	15

SAMPLE SCHEDULE

2ND FALL SEMESTER			2ND SPRING SEMESTER		
OTA 2310	2		OTA 2450	6	
OTA 2320	2		OTA 2460	6	
OTA 2330	1		TOTAL	12	
OTA 2340	3				
OTA 2350	3				
OTA 2380	2				
TOTAL	13				

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

Paraeducation courses 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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010
QUANTITATIVE LITERACY			
MATH 1040 Intro to Stats	3	A	MATH 1010
OR			
*MATH 1050 College Algebra	4	A	MATH 1010
*MATH1050 needed for Elementary Education at Utah State University, Weber State University and University of Utah.			
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

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 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.

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)

COURSE	CR	SEM	PREREQUISITES
EDU 2010 Intro to Special Ed	3	Sp	none
FHS 1500 Human Develop	3	A	none
OR			
PSY 1100 Hu Grwth/Devlp	3	A	none
PED 1010 Intro Paraedctn	3	F, Sp	none
PED 1700 Collab in the Classrm	3	F	PED 1010

PED 2150 Exp w/Stud Rsk	3	Sp	PED 1010
PED 2160 Practicum-Int Ex	1	Sp	w/PED 2150
SOC 2630 Race/Ethnic Rel	3	F, Sp	SOC 1010

ELECTIVES (10 CREDITS)

CJ 2360 Juvenile Law	3	F, Sp	CJ 1010
EDU 1010 Orien to Elm Ed	3	F, Sp	none
FHS 2400 Marriage Fam Rel	3	A	none
FHS 2610 Child Guidance	3	F, Sp	w/FHS 0010
FHS 2500 Chld Brth to 8	3	F, Sp	FHS 2600, FHS 1500, w/FHS 0010
FHS 2550 Infnt Growth Dev	2	Sp	FHS 1500
FHS 2570 Growth Dev 6-12	3	Sp	none
FHS 2630 Media for the Family	2		FHS2600
FHS 2640 Home School Comm	3	F	none
LANG ____ (Any Language)	5	A	none
LE 1240 Tutor Certificatn	1	A	none
MA 1100 Med Termnlogy	2	A	none
MATH 2010 Math Elm Tch I	3	F, Sp	MATH 1030 or MATH 1050
MATH 2020 Math Elm Tch II	3	Sp, Su	MATH 1030 or MATH 1050
PED 2100 Hlth Needs in Clssrm	3	Sp	PED 1010
PED 2990 Special Topics	1-3	A	Instructor's approval

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL 1010	3		ENGL 2010	3	
AMERICAN INST	3		FHS 1500	3	
DISTRIBUTION	9		OR		
TOTAL	15		PSY 1100	3	
			MATH 1040	3	
			OR		
			MATH 1050	4	
			HLAC	1	
			PED 1010	3	
			ELECTIVE	3	
			TOTAL	16-17	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
PED 1700	3		EDU 2010	3	
SOC 2630	3		PED 2150	3	
DISTRIBUTION	6		PED 2160	1	
ELECTIVES	4		DISTRIBUTION	3	
TOTAL	16		STUDENT CHOICE	3	
			ELECTIVE	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 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.

CERTIFICATE/PARAEDUCATION^{CTE}

(minimum 18 hours required) (C or better grade in all courses)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
EDU 2010 Intro to Special Ed	3	Sp	none
FHS 1500 Human Develop	3	A	none
OR			
PSY 1100 Hu Grwth/Devlp	3	A	none
PED 1010 Intro Paraedctn	3	F, Sp	none
PED 1700 Collab in the Classrm	3	F	PED 1010
PED 2150 Exp. W/Stud Rsk	3	Sp	PED 1010
PED 2160 Practicum Int Ex	1	Sp	w/PED 2150
SOC 2630 Race/Ethnic Rel	3	F, Sp	SOC 1010

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 exceptions 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) 957-4323.

General Education requirements and elective courses provide training in effective oral and written communication and human relation 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 1030, 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 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 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)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE STUDIES			
MATH 1010 Intermediate Algebra	4	A	MATH 0990 or CPT
COMMUNICATION			
COMM 1020 Prin Public Speaking	3	A	none

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)	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

NOTE: 75% Of Major Course Requirements Must Be Completed At Salt Lake Community College.

COURSE	CR	SEM	PREREQUISITES
*PLS 1010 Intro to Law	3	A	none
PLS 1020 Intro Civil Lit	3	A	none
*PLS 1030 Int Lgl Rsch/Wrt	3	A	ENGL 1010
*PLS 1050 Lgl Rsch/Wrtg II	3	A	PLS 1020, PLS 1030
PLS 1070 Crim Law & Prc	3	A	none
*PLS 1120 Paralegal Proc I	3	A	none
PLS 1180 Evidence	3	F, Sp	PLS 1070
PLS 2010 Comp Ess Para	4	A	none
PLS 2190 Ethics	3	A	12 hours of PLS classes

And one the following:

PLS 2090 Paralegal Practicum	3	A	Program approval
OR			
PLS 2000 CO-OP	3	A	Program approval
OR			
PLS 2200 Legal Portfolio	3	A	Program approval
PLS ____ Electives	15		

*Must be completed with B- or higher, all others C or better.

PROGRAM ELECTIVES (15 CREDITS)*†

*CJ 2330 Juvenile Justice	3	F, Sp	none
MA 1100 Medical Term	2	A	none
MGT 2050 Legal Env of Bus	3	A	BUS 1050
MGT 2080 Employment Law	3	A	BUS 1050
PLS 1080 Contracts	3	F, Sp	none
PLS 1100 Bankruptcy & Coll	3	F	none
PLS 1110 Wills, Prob/Est	3	Sp	none
PLS 1130 Admin Law	3	F	none
PLS 1140 Environ Law	3	F	none
PLS 1160 Immigration Law	3	Sp	none
PLS 1170 Family Law	3	F, Su	none
PLS 1190 Constitutional Law	3	Su	none
PLS 1300 Torts	3	F, Sp	none
PLS 1530 Real Estate Law	3	Sp	none
PLS 2000 CO-OP	1-6	A	PLS 1050
PLS 2050 Lgl Rsch/Wrt III	3	A	PLS 1050
PLS 2070 Mediation	3	F	variable
PLS 2200 Legal Portfolio	3	Sp	All writing courses
PLS 2250 Securities	3	F	PLS 1010
PLS 2260 Hollywood & the Law	3	Su	variable
PLS 2990 Special Studies	1-3	TBA	variable

*Must be completed with B or better. † All electives must be completed with a C or better.

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL 1010	3		COMM 2110	3	
MATH 1010	4		PLS 1030	3	
PLS 1010	3		PLS 1070	3	
PLS 1020	3		PLS 2010	4	
PLS 1120	3		PLS ELECTIVES	3	
TOTAL	16		TOTAL	16	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
COMM 1020	3		PLS 2000	1-6	
PLS 1050	3		OR		
PLS 1180	3		PLS 2200	3	
PLS ELECTIVES	9		PLS 2090	3	
TOTAL	18		PLS 2190	3	
			PLS ELECTIVES	3	
			DISTRIBUTION	6	
			TOTAL	16-21	

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, P.O. 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 a Accuplacer college lever 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.

COURSE	CR	SEM	PREREQUISITE	Min. Grade
ENGL 1010 OR AP English or CLEP English credit on SLCC transcript	3	A	WRTG 0990 w/C or better, equivalent or placement.	C
MATH 1010 OR Accuplacer 43 college level Math score or ACT 22 Math score, within one year	4	A	MATH 0990 w/C or approp. Accuplacer	C
PSY 1100	3	A	NONE	C
PTA 1010	2	F, Sp	NONE	B
PTA 1500	2	A	PTA 1010	C
BIOL 2320 w/ BIOL 2325 within 5 years of starting technical curriculum.	4	A	BIOL 1610/1615	B

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 FULFILLED 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)

COURSE	CR	SEM	PREREQUISITES
PTA 2010 Funct Anatomy	3	F	PTA 1500
PTA 2015 Funct Anatomy Lab	1	F	admission
PTA 2100 Patient Care Skl	2	F	admission
PTA 2110 Pt Care Skills Lab	1	F	admission
PTA 2200 Ther Modal	2	F	admission
PTA 2210 Ther Modal Lab	2	F	admission
PTA 2300 Princ Ther Exer	2	F	admission
PTA 2310 Princ Ther Ex Lb	2	F	admission
PTA 2350 Data Collection	2	Sp	PTA 2010, PTA 2100
PTA 2360 Data Collection	2	Sp	PTA 2010, PTA 2100
PTA 2400 Musculo Dis	3	Sp	*PTA 2010, PTA 2100, PTA 2200
PTA 2410 Musculo Dis Lab	1	Sp	*PTA 2110, PTA 2210
PTA 2450 Neurological Dis	2	Su	*PTA 2110, PTA 2210
PTA 2460 Neuro Dis Lab	2	Su	*PTA 2310, PTA 2360
PTA 2510 PT Spec Clin	3	Sp	*PTA 2010, PTA 2100, PTA 2200
PTA 2520 PT Spec Clin Lab	1	Sp	*PTA 2010, PTA 2110, PTA 2210
PTA 2530 Gerontology	2	S	*PTA 2300, PTA 2360
PTA 2550 Rehab Psych	2	Su	*PTA 2300, PTA 2400, PTA 2600
PTA 2600 Clinical Exper I	4	Sp	*PTA 2100, PTA 2200, PTA 2300
PTA 2700 Clinical Internship I	6	F	*PTA 2450, PTA 2600
PTA 2710 Clinical Internship II	6	F	*PTA 2700
PTA 2750 Seminar PTAs	1	F	*PTA 2550, 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

PREREQUISITE SEMESTER			
ENGL 1010	3		
MATH 1010	4		
PSY 1100	3		
BIOL 2320	4		
W/BIOL 2325 (LAB)			
PTA 1010	2		
PTA 1500	2		
TOTAL	18		
FALL SEMESTER		SUMMER TERM	
PTA 2010	3	PTA 2450	2
PTA 2015	1	PTA 2460	2
PTA 2100	2	PTA 2550	2
PTA 2110	1	PTA 2600	4
PTA 2200	2	TOTAL	10
PTA 2210	2		
PTA 2300	2		
PTA 2310	2		
TOTAL	15		
SPRING SEMESTER		2ND FALL SEMESTER	
PTA 2350	2	PTA 2700	6
PTA 2360	2	PTA 2710	6
PTA 2400	3	PTA 2750	1
PTA 2410	1	TOTAL	13
PTA 2510	3		
PTA 2520	1		
PTA 2530	2		
TOTAL	14		

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.slcc.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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
QUANTITATIVE LITERACY			
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

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 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

COURSE	CR	SEM	PREREQUISITES
CHEM 1210 General Chem	4	F, Sp	MATH 1050, w/CHEM 1215
CHEM 1215 Gen Chem Lab I	1	F, Sp	w/CHEM 1210
MATH 1220 Calculus II	4	A	MATH 1210
MATH 2210 Multivar Calc	3	A	MATH 1220
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
PHYS 2215 Physics f/Sci&Eng L I	1	A	w/PHYS 2210
PHYS 2220 Physics f/Sci&Eng II	4	A	MATH 1220, PHYS 2210, w/PHYS 2225
PHYS 2225 Physics f/Sci&Eng LII	1	A	w/PHYS 2220
MATH 2250 Dif Equa Lin Alg	4	F, Sp	MATH 1220
PHYS 2710 Intro Modern Physics	3	Sp	MATH 2210, MATH 2250, PHYS 2220, PHYS 2225 w/PHYS 2715
PHYS 2715 Intro Mod Physics Lb	1	Sp	w/PHYS 2710

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
CHEM 1210	4		MATH 1220	4	
CHEM 1215	1		PHYS 2210	4	
ENGL 1010	3		PHYS 2215	1	
MATH 1210	4		DISTRIBUTION	6	
DISTRIBUTION	3		TOTAL	15	
TOTAL	15				
2ND FALL SEMESTER			2ND SPRING SEMESTER		
STUDENT CHOICE	3		MATH 2250	4	
ENGL 2010	3		PHYS 2710	3	
MATH 2210	3		PHYS 2715	1	
HLAC	1		AMERICAN INST	3	
PHYS 2220	4		DISTRIBUTION	6	
PHYS 2225	1		TOTAL	17	
DISTRIBUTION	3				
TOTAL	18				

***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

COURSE	CR	SEM	PREREQUISITES
PHYS 1010 Elementary Phys	3	A	none
PHYS 1040 Elem Astronomy	3	A	none
PHYS 2010 College Physics I	4	A	MATH 1060, w/PHYS 2015
PHYS 2015 College Physics Lab I	1	A	w/PHYS 2010
PHYS 2020 College Physics II	4	A	PHYS 2010, w/PHYS 2025
PHYS 2021 Physics Prb Session	1	A	w/PHYS 2020
PHYS 2025 College Physics Lab II	1	A	w/PHYS 2020
PHYS 2210 Physics f/Sci & Eng I	4	A	MATH 1210, w/PHYS 2215
PHYS 2211 Physics Prob Session	1	A	w/PHYS 2210
PHYS 2215 Physics f/Sci&Eng L I	1	A	w/PHYS 2210
PHYS 2220 Physics f/Sci&Eng II	4	A	PHYS 2210, w/PHYS 2225
PHYS 2221 Physics Prob Session	1	A	w/PHYS 2220
PHYS 2225 Physics f/Sci&Eng LII	1	A	w/PHYS 2220
PHYS 2710 Intro Modern Physics	3	Sp	MATH 2210, MATH 2250, PHYS 2220, PHYS 2225, w/PHYS 2715
PHYS 2715 Intro Mod Physics Lb	1	Sp	w/PHYS 2710

PLUMBING

SEE APPRENTICESHIPS SECTION.

POLICE OFFICER

SEE CRIMINAL JUSTICE OR CONTINUING EDUCATION, INSTITUTE OF PUBLIC SAFETY.

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)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES

**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 1030 Quant Reas	3	A	MATH 1010

*Transfer Note: The University of Utah has scholarships available for Political Science transfer students.

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

INSTITUTIONAL REQUIREMENTS**LIFELONG WELLNESS**

HLAC	1	A	none

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).

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

COURSE	CR	SEM	PREREQUISITES
REQUIRED COURSES			
POLS 1100 US Govt&Politics	3	A	none
POLS 2300 Political Ideology	3	F, Sp	none

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:**

COURSE	CR	SEM	PREREQUISITES
POLS 1110 State/Local Gov	3	Sp	none
POLS 1900 Special Studies	1-2	F, Sp	instructor's approval
POLS 2000 Internship	2-4	TBA	instructor's approval
POLS 2100 Intro Intl Politics	3	TBA	none
POLS 2070 Diversity & US Politics	3	A	none
POLS 2200 Intro to Compar Politics	3	TBA	none
POLS 2900 Special Topics	1-3	TBA	instructor's approval
POLS 2950 Leadership	2	F	none

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

FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	ENGL	2010	3
MATH	1030	3	POLS	2300	3
HLAC		1	POLS ELECTIVE		3
POLS	1100	3	DISTRIBUTION		3
DISTRIBUTION		3	AMERICAN INST		3
STUDENT CHOICE		3	TOTAL		15
TOTAL		16			
2ND FALL SEMESTER			2ND SPRING SEMESTER		
POLS ELECTIVE		3	POLS ELECTIVE		3
DISTRIBUTION		6	DISTRIBUTION		6
ELECTIVES		6	ELECTIVES		6
TOTAL		15	TOTAL		15

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 1620/BIOL 1625, BIOL 2320/BIOL 2325,
 BIOL 2420/BIOL 2425, BIOL 2060/BIOL 2065

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 1210, MATH 1220

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 2011

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 13 credits of upper division coursework is required before entering.

PRE-PHARMACY

BIOLOGY

BIOL 1610/BIOL 1615, BIOL2320/BIOL2325,
BIOL2420/BIOL 2425

CHEMISTRY

Two academic years with related labs which include:
CHEM 1210/CHEM1215, CHEM 1220/CHEM 1225
CHEM 2310/CHEM 2315, CHEM 2320/CHEM2325

ENGLISH

ENGL 1010, ENGL 2010

MATHEMATICS

MATH 1050, MATH 1060, MATH 1210, MATH 1220

PHYSICS

One academic year with related labs which include:
PHYS 2210/PHYS 2215, PHYS 2220/PHYS 2225

Students are expected to have completed all of their General Education requirements before applying to the Pharmacy program. A bachelor's degree is not required, but is highly recommended.

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/CHEM1115, CHEM 1120/CHEM 1125
or CHEM 1210/CHEM 1215, CHEM 1220/CHEM 1225

ENGLISH

ENGL 1010, ENGL 2010 or ENGL 2100

HEALTH

HLTH 1200

MATHEMATICS

MATH 1050, MATH 1060 or MATH 1210

PHYSICS

PHYS 2010/PHYS 2015 and PHYS 2020/PHYS 2025

PSYCHOLOGY

PSY 1010, PSY 2300 (available as upper division at U of U)*

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

Taylorsville Redwood Campus, CT 254 (801) 957-4392

Academic Advisor (801) 957-3361

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 description 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.

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.

COMPLETING THE LISTED REQUIREMENTS BELOW RESULTS IN RECEIVING AN ASSOCIATE OF SCIENCE TRANSFER DEGREE*

(minimum 61 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm 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
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

INSTITUTIONAL REQUIREMENTS

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 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

COURSE	CR	SEM	PREREQUISITES
REQUIRED COURSE			
PSY 1010 Gen Psychology	3	A	none
Students may use PSY 1010 to fill a Major Course Requirement or a General Education Distribution Area in Social Science, but not both. If PSY 1010 is used to fill the Social Science Requirement, select 15 credit hours of Psychology courses from the following:			

COMPLETE 12 CREDITS FROM THE FOLLOWING:

PSY 1100	Human Growth	3	A	none
PSY 2250	Personality Thry	3	TBA	ENGL 1010, PSY 1010
PSY 2300	Abnormal Psych	3	TBA	ENGL 1010, PSY 1010
PSY 2500	Social Psychology	3	F, Sp	PSY 1010 or SOC 1010, ENGL 1010
PSY 2900	Special Topics	1-3	TBA	PSY 1010 and instructor's approval

ELECTIVES (12 CREDITS)

Complete 12 credits from the following or any college level course numbered 1000 or above.

PSY 1210	Prsnl Growth Dev	3	A	none
PSY 1900	Special Studies	1-2	A	PSY 1010
PSY 2000	CO-OP Intern	2-4	A	PSY 1010
PSY 2370	Gender in America	3	F, Sp	PSY 1010 or SOC 1010
PSY 2400	Eco-Psychology	3	A	PSY 1010
PSY 2710	Brain and Behavior	3	F, Sp	PSY 1010

SAMPLE SCHEDULE

FALL SEMESTER				SPRING SEMESTER			
ENGL 1010	3			ENGL 2010	3		
MATH 1030	3			DISTRIBUTION	6		
OR				STUDENT CHOICE	3		
MATH 1040	3			PSY COURSE	3		
AMERICAN INST	3			TOTAL	15		
PSY 1010	3						
ELECTIVE	3						
TOTAL	15						
2ND FALL SEMESTER				2ND SPRING SEMESTER			
DISTRIBUTION	6			DISTRIBUTION	6		
PSY COURSES	6			PSY COURSE	3		
ELECTIVE	3			ELECTIVES	6		
HLAC	1			TOTAL	15		
TOTAL	16						

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES
PSY 1010 Gen Psychology	3	A	none
PSY 1100 Human Growth	3	A	none
PSY 1210 Prsnl Grwth Dev	3	A	none
PSY 1900 Special Studies	1-2	TBA	PSY 1010
PSY 2000 CO-OP Intern	2-4	TBA	2nd year
PSY 2250 Personality Thry	3	TBA	ENGL 1010, PSY 1010
PSY 2300 Abnormal Psych	3	TBA	ENGL 1010, PSY 1010
PSY 2370 Gender in America	3	F, Sp	PSY 1010 or SOC 1010
PSY 2400 Eco-Psychology	3	A	PSY 1010
PSY 2500 Social Psychology	3	F, Sp	PSY 1010 or SOC 1010, ENGL 1010
PSY 2710 Brain & Behavior	3	F, Sp	PSY 1010
PSY 2900 Special Topics	1-3	TBA	PSY 1010 and approval

PUBLIC SAFETY

SEE CONTINUING EDUCATION.

PUBLIC SAFETY MANAGEMENT, BS

SEE UNIVERSITY CENTER.

RADIOLOGIC TECHNOLOGY

Estimated costs per program	
Books (per year)	\$900
Dosimeter (per year)	\$128
Lab costs (per year)	\$ 75
Licensing Exam	\$170
Vaccinations (No Insurance)	\$300

Academic Advisor: JCHSC, Room 047E, (801) 957-4407

Health Sciences Admissions: JCHSC, Room 047B, (801) 957-4163

Program Information: (801) 957-6215

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, personal 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. Hepta-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	CR	SEM	PREREQUISITES
ENGL 1010 Intro to Writing	3	A	Pre-test

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: C grade or better

MATH 1010 Interm Algebra	4	A	MATH 0990 w/C or better
OR			
MATH 1050 College Algebra	4	A	MATH 1010

MATH QUALIFICATIONS: (ONE OF THE FOLLOWING)

- Accuplacer score: college level math 43 within 1 yr
- ACT score: math 22 within 1 yr
- MATH 1010 or 1050: C grade or better

BIOL 1610 College Biology I	4	A	Placement Req w/BIOL 1615 Lab

BIOLOGY QUALIFICATION:

- BIOL 1610: C grade or better

ADMISSION PREREQUISITE B- GRADE OR BETTER

COURSE	CR	SEM	PREREQUISITES
BIOL 2320 Human Anatomy	4	A	BIOL 1610 w/BIOL 2325 Lab

BIOLOGY QUALIFICATION:

- 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.

COURSE	CR	SEM	PREREQUISITES
CIS 1020 Basic Computer Concepts	3	F	None
COMM1010 Intro to Comm	3	Sp	None
RADS 1010 Intro to Rad Tch (Online)	2	A	none
RADS 1020 Rad Anat/Proc I	4	F	admission
RADS 1030 Rad Imaging I	2	F	admission
RADS 1040 Clinical Ed I	4	F	admission
RADS 1050 Patient Care	2	F	admission
RADS 1110 Radiation Protec	2	Sp	RADS 1030
RADS 1120 Rad Anat/Proc II	4	Sp	RADS 1020
RADS 1130 Rad Imaging II	4	Sp	RADS 1030
RADS 1140 Clinical Ed II	4	Sp	RADS 1040
RADS 1220 Rad Anat/Pro III	2	Su	RADS 1120
RADS 1240 Clinical Ed III	3	Su	RADS 1140
RADS 2010 Image Analysis	2	Sp	RADS 1220
RADS 2020 Rad Ana/Pro IV	2	F	RADS 1220
RADS 2030 Rad Imaging III	2	F	RADS 1130
RADS 2040 Clinical Ed IV	4	F	RADS 1240
RADS 2050 Adv Patient Car	2	Su	RADS 1050
RADS 2060 Radiobiology	2	F	RADS 1110
RADS 2100 Comp Radiolgy	3	Sp	RADS 2010
RADS 2110 Rad Pathology (Online)	2	F	RADS 2050
RADS 2120 Sectional Anatomy (Online)	2	Sp	RADS 2020
RADS 2140 Clinical Ed V	4	Sp	RADS 2040

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

FALL SEMESTER		SPRING SEMESTER	
RADS 1010	2	RADS 1110	2
RADS 1020	4	RADS 1120	4
RADS 1030	2	RADS 1130	4
RADS 1040	4	RADS 1140	4
RADS 1050	2	TOTAL	14
TOTAL	14		
SUMMER TERM			
RADS 1220	2		
RADS 1240	3		
RADS 2050	2		
TOTAL	7		
2ND FALL SEMESTER		2ND SPRING SEMESTER	
CIS 1020	3	RADS 2100	3
RADS 2020	2	RADS 2120	2
RADS 2030	2	RADS 2140	4
RADS 2040	4	RADS 2010	2
RADS 2060	2	COMM 1010	3
RADS 2110	2	TOTAL	14
TOTAL	15		

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

COURSE	CR	SEM	PREREQUISITES
AERO 1010 Found of USAF I	1	F	w/AERO 1110
AERO 1011 Found of USAF II	1	Sp	w/AERO 1111
AERO 1110 Gen Mil Lab I	1	F	w/AERO 1010
AERO 1111 Gen Mil Lab II	1	Sp	w/AERO 1011
AERO 2010 Air Power Hist I	1	F	w/AERO 2110
AERO 2011 Air Power Hist II	1	Sp	w/AERO 2111
AERO 2110 Gen Mil Lab III	0-1	F	w/AERO 2010
AERO 2111 Gen Mil Lab IV	0-1	Sp	w/AERO 2011

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
AERO 1010	1		AERO 1011	1	
AERO 1110	1		AERO 1111	1	
TOTAL	2		TOTAL	2	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
AERO 2010	1		AERO 2011	1	
AERO 2110	0-1		AERO 2111	0-1	
TOTAL	1-2		TOTAL	1-2	

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.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
MLS 1010 Leadrshp Discvry I	2	F	none
MLS 1020 Leadrshp Discvry II	2	Sp	none
MLS 2010 Ldrshp Challen I	3	F	none
MLS 2020 Ldrshp ChallenII	3	Sp	none

ELECTIVES

MLS 1060 Phys Readiness	1	F, Sp	none
MLS 2950 Basic Ind Study	2-3	F, Sp	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
MLS 1010	2		MLS 1020	2	
TOTAL	2		TOTAL	2	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
MLS 2010	3		MLS 2020	3	
TOTAL	3		TOTAL	3	

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 Sorenson

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**COURSE CR SEM PREREQUISITES****CORE SKILLS****COMPOSITION**

ENGL 1010	Intro to Writing	3	A	pre-test
ENGL 2010	Interm Writing	3	A	ENGL 1010 w/C or better

QUANTITATIVE LITERACY

MATH 1030	Quantitative Res	3	A	MATH 1010
OR				
MATH 1040	Statistics	3	A	MATH 1010

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

*Required for U of U 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)	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)(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, OR BIOL 1110, OR BIOL 1610; POLS 1100; PSY 1010;
SOC 1010. Reference letter from SLCC program director required.

UTAH STATE UNIVERSITY

ANTH 1010, BIOL 1010, MATH 1040, PSY 1010, SOC 1010, FHS 1500, SW
1010 must be completed with a C+ or better; all others a C or better. Apply
March 1 for Fall start. Min. GPA 2.75.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
SOC 1010 Intro to Sociology	3	A	none
SW 1010 Intro Social Wk	3	A	none
SW 2100 Hu Beh Soc Env	3	A	SW 1010
SW 2230 Intro Grp Ther	2	F, Sp	SW 2100
SW 2280 Drug/Alch Abus	2	F, Sp	SW 1010
SW 2650 Soc Welfare Po	3	A	none
SW 2720 Mental Health	2	F, Sp	SW 1010
SW 2750 Ethics Soc Wk	2	F, Sp	SW 1010
SW 2920 Social Work Internship I	2	A	SW 2100, SW 2750, SW 2720, SW 2100
SW 2930 Social Work Internship II	3	F, Sp	SW 2920
_____ Elective	3		

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 Resrch	2	TBA	SW 1010
SW 2900 Special Topics	1-3	TBA	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL 1010	3		ENGL 2010	3	
MATH 1030 or 1040	3		SOC 1010	3	
SW 1010	3		SW 2720	2	
SW 2100	3		SW 2650	3	
LE 1020	3		CHOICE	3	
TOTAL	15		TOTAL	15	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
BIOL	4		PHY SCI	3	
SW 2750	2		SW 2920	2	
SW 2230	2		SW 2930	3	
SW 2280	2		PSY 1010	3	
A.I.	3		ETHS	3	
Fine Arts	3		HUMA	3	
TOTAL	16		TOTAL	17	

*** NOTE:** The SW 2920 (Internship I) should be completed concurrently with SW 2930 (Internship II) during the last semester of course work. See 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 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 ARTS TRANSFER DEGREE*

(minimum 65 hours required)

GENERAL EDUCATION REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better

QUANTITATIVE LITERACY

MATH 1040 Intro to Statistics	3	A	MATH 1010
OR			
MATH 1030 Quant Reasoning	3	I	MATH 1010

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

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 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) (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, POLS 1100, PSY 1010, SOC 1010.

UTAH STATE UNIVERSITY

ANTH 1010, BIOL 1010, MATH 1040, PSY 1010, SOC 1010.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
SOC 1010 Intro to Sociology	3	A	none
SPN 1020 Beg Spanish II	5	A	SPN 1010
SW 1010 Intro Social Wk	3	Sp	none
SW 2100 Hu Beh Soc Env	3	A	SW 1010
SW 2230 Intro Grp Therap	2	F, Sp	SW 2100
SW 2280 Drug/Alch Abus	2	F, Sp	SW 1010
SW 2650 Soc Wk Policy	3	A	none
SW 2720 Mental Health	2	F, Sp	SW 1010
SW 2750 Ethics Soc Wk	2	F, Sp	SW 1010
SW 2920 Social Work Internship I	2	A	SW 2100
SW 2930 Social Work Internship II	3	F, Sp	SW 2920

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL 1010	3		ENGL 2010	3	
MATH 1030/1040	3		SOC 1010	3	
SW 1010	3		SW 2720	2	
SW 2100	3		SW 2650	3	
SW 2650	3		CHOICE	3	
LE 1020	3		HLAC	1	
TOTAL	18		TOTAL	18	
2ND FALL SEMESTER			2ND SPRING SEMESTER		
BIOL	4		PHY SCI	3	
SW 2750	2		SW 2920	2	
SW 2230	2		SW 2930	3	
SW 2280	2		PSY 1010	3	
A.I.	3		ETHS	3	
Fine Arts	3		HUMA	3	
TOTAL	16		TOTAL	17	

*** NOTE:** The SW 2920 (Internship I) should be completed concurrently with SW 2930 (Internship II) during the last semester of course work. See 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 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.

SOCIOLOGY

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 courses 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

COURSE	CR	SEM	PREREQUISITES
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 1040 Statistics	3	A	MATH 1010
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

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	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

COURSE	CR	SEM	PREREQUISITES
*SOC 1010 Intro Sociology	3	A	none
SOC 2370 Gender in America	3	F, Sp	SOC 1010 or PSY 1010

OR

SOC 2630 Race/Ethnicity	3	F, Sp	SOC 1010

*Students may use SOC 1010 to fill a major course requirement or a General Education Distribution Area in Social Science, **but not both**.

COMPLETE 6 CREDITS FROM THE FOLLOWING

**SOC 1020 Social Problems	3	A	none
SOC 1900 Independent St	1-2	A	SOC 1010
SOC 2370 Gender in America	3	F, Sp	SOC 1010 or PSY 1010
SOC 2400 Intermountain West	3	A	none
SOC 2600 Marriage & Family	3	F, Sp	SOC 1010
SOC 2630 Race/Ethnicity	3	F, Sp	SOC 1010
SOC 2900 Special Topics	1-3	TBA	SOC 1010

SOC 1020 may be used to fill a Major Course Requirement or General Education Distribution Area in Interdisciplinary, **but not both.

ELECTIVES (15 CREDITS)

Complete 15 credits from any college level course numbered 1000 or above.

SAMPLE SCHEDULE			
FALL SEMESTER		SPRING SEMESTER	
ENGL 1010	3	ENGL 2010	3
MATH 1040	3	DISTRIBUTION	6
ELECTIVES	3	SOC 2370	3
SOC 1010	3	OR	
AMERICAN INST	3	SOC 2630	3
TOTAL	15	STUDENT CHOICE	3
		HLA	1
		TOTAL	16
2ND FALL SEMESTER		2ND SPRING SEMESTER	
SOC ELECTIVES	3	DISTRIBUTION	6
DISTRIBUTION	6	SOC ELECTIVE	3
ELECTIVES	6	ELECTIVES	6
TOTAL	15	TOTAL	15

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES
SOC 1010 Intro to Sociology	3	A	none
SOC 1020 Social Problems	3	A	none
SOC 1900 Indept Studies	1-2	TBA	SOC 1010
SOC 2370 Gender in America	3	F, Sp	SOC 1010 or PSY 1010
SOC 2400 Intermountain West	3	A	none
SOC 2600 Marriage & Family	3	F, Sp	SOC 1010
SOC 2630 Race & Ethnicity	3	F, Sp	SOC 1010
SOC 2900 Special Topics	1-3	TBA	SOC 1010

SPANISH

SEE LANGUAGE AND CULTURE.

STAGEHAND JATC TECHNOLOGY APPRENTICESHIP

SEE APPRENTICESHIPS SECTION.

SURGICAL TECHNOLOGY

JATC #2, Rm 234B, Rm 139

General Information (801) 957-6215

Academic Advisor JCHSC 047E (801) 957-4407

www.slcc.edu/surgicaltech

Instructor: Gregory Maughan, Jana Mitchell

Estimated Cost per program	
Books and Supplies	\$500.00
Certification Exam	\$197.00
Association Membership	\$45.00

THE PROGRAM

The surgical technology program prepares individuals to work primarily in the operating room. Employment opportunities are also available in surgical centers, labor and delivery, ER's and doctors offices. Students will be placed in two clinical facilities, a different one each semester. These clinical placements are made at the discretion of the clinical instructor. Clinical is in the second semester from about 7 a.m. to 3 p.m., Monday through Thursday. Students must provide their own transportation to and from the 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, functions as an integral member of a surgical team in assisting with surgical procedures, setting up and handing the instruments, sutures and other equipment needed to do the procedure and also 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 rigors 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 (TITRES) to 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 4 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 course is the only accepted certification, no others are accepted.
- Tuberculosis (PPD Skin 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 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 2320/BIOL 2325 (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)

- a. Accuplacer score: Elementary Algebra 54 within one year;
- b. ACT score: Math 18 within one year; or
- c. MATH 0990 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 - 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.

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)

MAJOR COURSE REQUIREMENTS

COURSE			CR	SEM	PREREQUISITES
COMM 1010	Intro to Comm		3	A	none
PSY 1210	Prsnl Grwth Dev		3	A	none
OR					
PSY 1100	Human Growth		3	A	none
MA 1100	Terminology		2	A	none
SURG 1200	Intro Surg Thry		6	F	Admission into program
SURG 1250	Adv Theory		6	F	SURG 1200,
SURG 1500	Surg Procd I		1	Sp	SURG 1250,
					SURG 1510*
SURG 1510	Surg Prac I		5	Sp	SURG 1250,
					SURG 1500*
SURG 1600	Comp Surg Tech		1	Sp	SURG 1500/1510,
					SURG 1610*

SURG 1610 Surg Prac II

5 Sp

SURG 1500/1510,
SURG 1600*
*Surg 1500/1510 and
1600/1610 are
Co-Requisites

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
PSY	1210	3	COMM	1010	3
	OR		SURG	1500	1
PSY	1100	3	SURG	1510	5
MA	1100	2	SURG	1600	1
SURG	1200	6	SURG	1610	5
SURG	1250	6	TOTAL		15
TOTAL		17			

SURVEYING TECHNOLOGY

Taylorsville Redwood Campus

General Information (801) 957-4073

Academic Advisor (801) 957-4858

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)

COURSE		CR	SEM	PREREQUISITES
CORE SKILLS COMPOSITION				
ENGL 1010	Intro to Writing	3	A	pre-test
QUANTITATIVE STUDIES				
SVT 1110	Surveying Mth I	4	F	MATH 1010 or CPT score
COMMUNICATION				
COMM1010	Elem of Eff Comm	3	A	none
OR				
COMM1020	Prncpls of Pub Spk	3	A	none

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)

COURSE	CR	SEM	PREREQUISITES
*EDDT 1040 Intro to CAD	3	A	none
*EDDT 1420 Bsc Microstation	2	A	none
*EDDT 2190 Civil Drafting	2	F, Sp	EDDT 1040, EDDT 1420
ENGL 2100 Technical Wrtng	3	A	ENGL 1010
GEOG 1800 Geospatial Technology	3	A	none
SVT 1010 Intro to Srvyng	1	F, Su	none
SVT 1030 Survey Field Tech I	3	F, Sp	SVT 1110 or MATH 1060
SVT 1120 Surveying Math II	4	Sp	SVT 1110
SVT 2020 Public Land Srv	3	Sp	SVT 1030, SVT 1120
SVT 2030 Survey Field Tech II	3	F, Sp	SVT 1030
SVT 2040 Control Surveys	3	F	SVT 1120
SVT 2050 Legal Descrip	3	F, Sp	SVT 1120, SVT 2020 or concurrent, ENGL 2100
SVT 2060 Ethics & Liability	2	F, Sp	none
SVT 2110 Photogrammetry	3	Sp	SVT 1110
SVT 2160 Land Bndry Lw I	2	F	none
SVT 2170 Lnd Bndry Lw II	2	Sp	SVT 2160 recommended, not required
SVT 2200 Public Records	2	F	SVT 2050, SVT 2160, SVT 2170, or concurrent
SVT 2290 App Srvy Drftng	3	F	EDDT 2190, SVT 1030
_____ Electives	6		

*Waived for equivalent experience or courses; challenge tests available.

ELECTIVES (6 CREDIT HOURS)

GEOG 1820 Applied GIS I	3	A	GEOG 1800 or instructor approval
SVT 2100 Land Develop	3	F	SVT 1110
SVT 2000 Surveying Co-op	1-3	A	Instructor's approval
SVT 2990 Special Topics	1-3	A	Instructor's approval

SAMPLE SCHEDULE**SUMMER TERM**

STUDENTS SHOULD COMPLETE THE FOLLOWING COURSES TO BEGIN THE PROGRAM IN THE FALL:

EDDT 1040	3	(WAIVED FOR PROOF OF EXPERIENCE)
GEOG 1800	3	
MATH 1010	4	(IF CPT SCORE NOT ADEQUATE)
TOTAL	3-10	

FALL SEMESTER

EDDT 1420	2
EDDT 2190	2
ENGL 1010	3
SVT 1010	1
SVT 1110	4
DISTRIBUTION	3
TOTAL	15

SPRING SEMESTER

ENGL 2100	3
LE 1220	3
SVT 1030	3
SVT 1120	4
SVT 2060	2
SVT 2110	3
TOTAL	18

2ND FALL SEMESTER

COMM 1010	3
OR	
COMM 1020	3
SVT 2040	3
SVT 2160	2
SVT 2290	3
SVT ELECTIVE	3
TOTAL	14

2ND SPRING SEMESTER

SVT 2020	3
SVT 2030	3
SVT 2050	3
SVT 2170	2
SVT 2200	2
SVT ELECTIVE	3
TOTAL	16

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

Tallorsville Campus, TB 325E (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: Tamra 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 interdepartmental 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)

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION (EN)			
ENG 1010 Intro to Writing	3	A	none
QUANTITATIVE STUDIES (QS)			
MATH 1010 Interm Algebra	4	A	MATH 0990 or appropriate CPT score
COMMUNICATION (CM)			
COMM 1010* Elem of Eff Comm	3	A	none
OR			
COMM 1020* Prin/Public Speaking (CM, IN)	3	A	none
OR			
CTEL 1020 Career Speech Skills	3	A	none
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 Science	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)

COURSE	CR	SEM	PREREQUISITES
COMM 1130*† Reprtng f/Mass Med	4	A	none
COMM 1250 Intro to Perfm Studies	3	F,Sp	none
COMM 1500* Intro to Mass Comm. (ID)	3	A	none
COMM 1515 Basic Audio Production	3	A	none
COMM 1800 Digital Media Essnt	4	A	none
COMM 2000 Com CO-OP/Internship	1-6	A	none
COMM 2200 Intro Video Prod	4	F, Sp	COMM/ART/FLM/ENGL 1800 pref
COMM 2440 Web Site Design	3	A	COMM/ART/FLM/ENGL 1800

OR

COMM 1820 Media Cont Manage	3	F,Sp	COMM/ART/FLM/ENGL 1800
COMM 2500* Elem of Digit Med (ID)	4	A	none
COMM 2570 Intro to Vis Com	4	F, Sp	none
COMM 2990 Sec Year Prod Proj	3	TBA	COMM 2200 or COMM 1560

CHOOSE A SPECIALIZATION AREA (VIDEO OR RADIO) AND COMPLETE THOSE COURSES:

VIDEO PRODUCTION

COMM 2310 Intm Video Prod-News	4	F, Sp	COMM 2200 or approval and COMM 1130 pref
COMM 2510 Adv Video Prod - Doc	4	F, Sp	COMM 2200 or FLM 1055 or approval

OR

RADIO PRODUCTION

COMM 1560 Radio Production	3	F, Sp	COMM 1515 or permission of the instructor
COMM 2560 Adv Radio Prod	3	F, Sp	COMM 1560

ELECTIVES

Choose one or more electives according to special interests and as schedule permits. A student can also take the other specialization courses as electives.

COMM 1120 Prin of Interview	3	F,Sp	none
COMM 1620 Jrn II-Editing	3	F, Sp	COMM 1610 or COMM 1130
COMM 1630 Jrn III-Layout/Dsgn.	3	F, Sp	COMM/ART/FLM/ENGL 1800
COMM 1820 Media Cont Manage	3	F,Sp	COMM/ART/FLM/ENGL 1800
COMM 2300 Intro. Pub Rel	3	TBA	none
COMM 2400 Web 2.0 Tools and Strategies	3	F,Sp	none
COMM 2440 Web Site Design	3	A	COMM/ART/FLM/ENGL 1800
ART 1810 Inter Photoshop/Multimed	2	A	COMM/ART/FLM/ENGL 1800
**COMM Elect.		**If applicable	0-9

**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			
FALL SEMESTER		SPRING SEMESTER	
COMM 1010	3	COMM 1500	3
OR		COMM 1130	4
COMM 1020	3	COMM 2110	3
COMM 1515	3	COMM 2200	4
COMM 1800	4	DIST	3
COMM 2570	4	TOTAL	17
ENGL 1010	3		
TOTAL	17		
THIRD SEMESTER		FOURTH SEMESTER	
AUDIO SPECIALITY	3	AUDIO SPECIALITY	3
OR		OR	
VIDEO SPECIALITY	4	VIDEO SPECIALITY	4
COMM 1250	3	COMM 2500	4
COMM 2000	1-6	COMM 2990	3
COMM 2440	3	ELEC	3-6
OR		TOTAL	13-20
COMM 1820	3		
MATH 1010	4		
TOTAL	14-20		

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

Taylorsville 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 individual 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)

COURSE	CR	SEM	PREREQUISITE
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test
ENGL 2010 Interm Writing	3	A	ENGL 1010 w/C or better
QUANTITATIVE LITERACY			
MATH 1030 Quantitative Reas	3	A	MATH 1010 or CPT
OR			
MATH 1040 Statistics	3	A	MATH 1010 or CPT
OR			
MATH 1050 College Algebra	4	A	MATH 1010 or CPT
AMERICAN INSTITUTIONS			
ECON 1740 Econ Hist of US	3	A	RDG 0990 w/C or better or appropriate placement score
OR			
HIST 1700 American Civiliza.	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

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 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 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:

COURSE	CR	SEM	PREREQUISITE
ART 1110 Foundation I Drawing	4	F, Sp	none
ART 1170 Animation I	5	Sp	ART 1110 and approval
ART 1800 Digital Media Essent	4	A	none
ART 1120 Design	3	A	none
ART 1260 Figure Drawing	3	A	ART 1110
ART 1670 Animation II	4	F	ART 1170 and approval
ART 2630 3DAnimatn (3DMax)	5	F, Sp	ART 1810 or instructor approval
OR			
ART 2631 3D Animatn (Maya)	5	F, Sp	ART 1810 or instructor approval
ART 2470 Desktop Video Prod	2	F	ART 1810, or ART 1360, or ART 2340

* **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

FALL SEMESTER			SPRING SEMESTER		
ART	1110	4	ART	1120	3
ART	1150	2	ART	1170	5
ART	1220	3	ART	1260	3
ART	1800	4	ENGL	2010	3
ART	1210	3	DIST		3
OR			TOTAL		
MATH	1010	4			17
COMM	1010	3			
TOTAL			19-20		
2ND FALL SEMESTER			2ND SPRING SEMESTER		
ART	1670	4	ART	2630	5
ART	2470	2	OR		
DIST		6	ART	2631	5
AM INST		3	DIST		6
TOTAL			HLAC		1
		15	STUDENT CHOICE		3
			TOTAL		
					15

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN VISUAL ART AND DESIGN/ANIMATION EMPHASIS (65-69 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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENGL 1010 Intro to Writing	3	A	pre-test

QUANTITATIVE STUDIES

MATH 1010	Interm Algebra	4	A	MATH 0990
OR				
ART 1210	Math for Vis Arts	3	F, Sp	none

COMMUNICATION

Choose an additional three credit hours from one of the following:

COMM1010	Elmnts of Effective Comm	3	A	none
COMM1020	Princ of Public Speaking	3	A	none
CTEL 1020	Career Speech Skills	3	A	none

HUMAN RELATIONS

ART 1150	Foundation Sem	2	F, Sp	none. Take first semester.

(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	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 General Education Requirements, pp. 23-27, for options in each of these categories.

MAJOR COURSE REQUIREMENTS

MAGNIFY COURSE REQUIREMENTS			CR	SEM	PREREQUISITES
COURSE					
ART 1110	Foundation I	Drawing	4	F, Sp	none
ART 1120	Design		3	A	none
ART 1170	Animation I		5	Sp	ART 1110 and approval
ART 1260	Figure Drawing		3	A	ART 1110
ART 1670	Animation II		4	F	ART 1170 and approval
ART 1800	Digital Media Essent		4	A	none
ART 2110	Foundation II	Drawing	4	Sp, Su	ART 1110
ART 2412	Illustrator Software		2	F, Sp	none
ART 2440	Web Site Des		3	F, Sp	ART 1800 or ART 1280
ART 2670	Animation III		3	Sp	ART 1670 and approval
ART 2480	Comp Illus		2	Sp	ART 1800

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)

ANIMATION/ILLUSTRATION TRACK (15 CREDITS)					
COURSE			CR	SEM	PREREQUISITES
ART	2210	Illustration I	3	Sp	ART 2110 and approval
ART	2260	Adv Fig Draw	2	F	ART 1260
ART	2270	Illustration II	3	F	ART 2210 and approval
ART	2290	Adv Illustration	2	Sp	ART 2270 and approval

OR

ANIMATION/MULTIMEDIA TRACK (12 CREDITS)

ANIMATION/MULTIMEDIA TRACK (12 CREDITS)					
COURSE			CR	SEM	PREREQUISITES
ART 1200	InDesign Software (DTP/Layout)		3	A	none
ART 2610	Multimedia/Authoring		2	F, Sp	ART 2430
ART 2630	3D Animation (3D Max)		5	F, Sp	ART 1810 or approval
OR					
ART 2631	3D Animatn (Maya)		5	F, Sp	ART 1810 and approval
ART 2640	3D Anim II (3D Max)		2	F, Sp	ART 2630
OR					
ART 2641	3D Anim II (Maya)		2	F, Sp	ART 2631

ART ELECTIVES

SEE DEPARTMENT OFFERINGS FOR OPTIONS IN THIS CATEGORY

COURSE	CR	SEM	PREREQUISITES
ART ____ Elective	3-4	A	none

SAMPLE SCHEDULE

FIRST SEMESTER				SECOND SEMESTER			
ART 1110	4			ART 2110	4		
ART 1150	2			ART 1170	5		
ART 1220	3			ART 1260	3		
ART 1800	4			ART 2210	3		
ART 1210	3			OR			
OR				ART 2630	5		
MATH 1010	4			OR			
COMM 1010	3			ART 2631	5		
TOTAL	19-20			TOTAL	15-16		
THIRD SEMESTER				FOURTH SEMESTER			
ART 1670	4			ART 2412	2		
ART 2440	3			ART 2480	2		
ART 1200	3			ART 2670	3		
OR				ART 2290	2		
ART 2260	2			OR			
ART 2270	2			ART 2640	2		
OR				OR			
ART 2610	2			ART 2641	2		
DISTRIBUTION	3			ART ELECTIVE	3-4		
TOTAL	14-16			ENGL 1010	3		
				TOTAL	15-16		

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN VISUAL ART AND DESIGN/DESIGN EMPHASIS

(69 hours required)

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

GENERAL EDUCATION REQUIREMENTS		CR	SEM	PREREQUISITES
COURSE				
CORE SKILLS				
COMPOSITION				
ENGL 1010	Intro to Writing	3	A	pre-test

QUANTITATIVE STUDIES

ART 1210	Math for Vis Arts	3	F, Sp	none

COMMUNICATION

Choose an additional three credit hours from one of the following:

COMM1010	Elements of Effect Comm	3	A	none
COMM1020	Prncpls of Public Speaking	3	A	none
CTEL 1020	Career Speech Skills	3	A	none

HUMAN RELATIONS

ART 1150	Foundation Sem	2	F, Sp	none. Take first semester.

(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	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 General Education Requirements, pp. 23-27, for options in each of these categories.

MAJOR COURSE REQUIREMENTS

ART COURSE REQUIREMENTS			CR	SEM	PREREQUISITES
ART	1110	Foundation I Drawing	4	F, Sp	none
ART	1120	Design	3	A	none
ART	1135	Printing Fundamentals	3	A	none
ART	1200	InDesign Software	3	A	none
ART	1230	Typography & Layout	3	A	ART 1200, ART 1120 or w/ART 1200, w/ART 1120
ART	1260	Figure Drawing	3	A	ART 1110
ART	1280	Photoshop Software/Design	3	A	none
ART	2010	History of Art & Design	3	F	none

ART	2070	Portfolio Development	3	F, Sp	50 completed credit hours in Design or Illustration Emphasis
ART	2110	Foundation II	4	Sp, Su	ART 1110
ART	2110	Foundation II	4	Sp, Su	ART 1110
ART	2220	Advanced Design	3	F, Sp	ART 1230
ART	2230	Advanced Typ & Layout	3	F, Sp	ART 1230
ART	2240	Package Design	3	F, Sp	ART 1230
ART	2280	Advertising Workshop	2	Sp	ART 1230
ART	2412	Illustrator Software	3	F, Sp	none
ART	2440	Web Site Design	3	F, Sp	ART 1280
ART	2610	Multimedia Authoring	2	F, Sp	ART 2440
ART		Elective(s)	4		

*Select From The Following Graphic Design Electives:

COURSE	CR	SEM	PREREQUISITES
ART 1050 Introduction to Photography	3	A	none
ART 1170 Animation I	5	Sp	ART 1110 and approval
ART 1240 Screen Printing	3	F, Sp	none
ART 1310 Photography I	4	A	none
ART 1320 Photo Vision	3	F, Sp	w/ART 1310 or ART 1050
ART 1530 Beg Painting – Watercolor	3	A	none
ART 1540 Beginning Painting – Oil	3	A	none
ART 1900 Independent Studies	1-4	A	Instructor approval
ART 2140 Adv Photshp Sftwr/Design	2	F, Sp	ART 1280 or ART 1810 or ART 2340 or approval
ART 2200 Adv InDesign Software	2	Sp	ART 1200 or approval
ART 2210 Illustration I	3	Sp	ART 2110 or w/ART 2110
ART 2420 Adv Illustrator Software	2	Sp	ART 2412 or approval
ART 2530 Adv Painting – Watercolor	3	A	ART 1530
ART 2540 Adv Painting – Oil	3	A	ART 1540
ART 2940 Special Topics in Design	1-6	A	Instructor approval
ART 2990 Adv Ind Studies	1-3	A	Instructor approval

SAMPLE SCHEDULE

FALL SEMESTER		SPRING SEMESTER	
ART	1110 4	ART	2010 3
ART	1120 3	ART	2220 3
ART	1135 3	ART	2230 3
ART	1150 2	ART	2412 3
ART	1200 3	ART	2440 3
ENGL	1010 3	DIST	3
TOTAL	18	TOTAL	18
2ND FALL SEMESTER		2ND SPRING SEMESTER	
ART	1210 3	ART	2070 3
ART	1230 3	ART	2240 3
ART	1260 3	ART	2280 2
ART	1280 3	ART	2610 2
ART	2110 4	COMM	3
TOTAL	16	ART ELEC(S)	4
		TOTAL	17

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

COURSE	CR	SEM	PREREQUISITES
CORE SKILLS			
COMPOSITION			
ENG 1010 Intro to Writing	3	A	pre-test
QUANTITATIVE STUDIES			
ART 1210 Math for Vis Arts	3	F, Sp	none

COMMUNICATION

Choose an additional three credit hours from one of the following:

COMM 1010 Elements of Effect Comm	3	A	none
COMM 1020 Prncpls of Public Speaking	3	A	none
CTEL 1020 Career Speech Skills	3	A	none

HUMAN RELATIONS

ART 1150 Foundation Sem	2	F, Sp	none. Take first semester.

(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	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.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ART 1110 Foundation I Drawing	4	F, Sp	none
ART 1120 Design	3	A	none
ART 1200 InDesign Software	3	A	none
ART 1230 Type & Layout	3	A	ART 1200, ART 1120 or w/ART 1200, w/ART 1120
ART 1260 Figure Drawing	3	A	none
ART 1310 Photography I	4	A	none

SELECT ONE OF THE FOLLOWING TWO

ART 1280 Photoshop Software/Design	2	A	none
ART 1810 Interm. Photo/Multi	2	F, Sp	ART 1800
ART 1800 Digital Med Essentials	4	A	none
ART 2070 Portfolio Development	3	F, Sp	2nd year status
ART 2110 Foundation II Drawing	4	Sp, Su	ART 1110
ART 2210 Illustration I	3	Sp	ART 2110 or concurrent
ART 2260 Adv Fig Draw	2	F	ART 1260
ART 2270 Illustration II	3	F	ART 2210
ART 2280 Advertising Workshop	2	Sp	ART 1230
ART 2290 Adv Illustration	2	Sp	ART 2270
ART 2412 Illustrator Software	3	F, Sp	none
ART 2560 Figure Painting	3	Sp	ART 1260

SELECT ONE OF THE FOLLOWING TWO

ART 2440 Web Site Design	3	F, Sp	ART 1800 or ART 1280
ART 2480 Computer Illustration	2	Sp	ART 1800

SELECT ONE OF THE FOLLOWING TWO

ART 2050 Cartooning	2	F	ART 1110, ART 1260
ART 2520 Adv Drawing	2	F	ART 1110 or approval

SAMPLE SCHEDULE

FIRST SEMESTER		SECOND SEMESTER	
ART	1110 4	ART	2110 4
ART	1150 2	ART	1200 3
ART	1120 3	ART	1210 3
ART	1310 4	ART	1260 3
ART	1800 4	ART	2210 3
TOTAL	17	COMM	1010 3
		TOTAL	19
THIRD SEMESTER		FOURTH SEMESTER	
ART	1230 3	ART	1280 3
ART	1280 3	ART	2070 3
ART	1810 2	ART	2280 2
ART	2260 2	ART	2290 2
ART	2270 3	ART	2560 3
ART	2050 2	OR	
OR		ART	2480 2
ART	2412 3	ENGL	1010 3
OR		TOTAL	15-16
ART	2520 2		
DIST	3		
TOTAL	20-21		

ASSOCIATE OF APPLIED SCIENCE^{CTE} DEGREE IN VISUAL ART AND DESIGN/MULTIMEDIA EMPHASIS (69 hours required)

Powerful, inexpensive, multimedia personal computers and now 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

COURSE	CR	SEM	PREREQUISITES

CORE SKILLS COMPOSITION

ENGL 1010 Intro to Writing	3	A	pre-test

QUANTITATIVE STUDIES

MATH 1010 Interm Algebra	4	A	MATH 0990

COMMUNICATION

Choose an additional three credit hours from one of the following:

COMM1010 Elem of Effective Comm	3	A	none
COMM1020 Princ of Public Speaking	3	A	none
CTEL 1020 Career Speech Skills	3	A	none

HUMAN RELATIONS

ART 1150 Foundation Sem	2	F, Sp	none. Take first semester.

(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	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 General Education Requirements, pp. 23-27, for options in each of these categories.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ART 1110 Foundation I Drawing	4	F, Sp	none
ART 1120 Design	3	A	none
ART 1200 InDesign Software	3	A	none
ART 1230 Type & Layout	3	A	ART 1200, ART 1120 or w/ART 1200, w/ART 1120
ART 1260 Figure Drawing	3	A	ART 1110
ART 1800 Digital Med Essentials	4	A	none
ART 1810 Interm. Photo/Multi	2	F, Sp	ART 1800
ART 2110 Foundation II Drawing	4	Sp, Su	ART 1110
ART 2230 Adv Type and Layout	3	F, Sp	ART 1230
ART 2412 Illustrator Software	3	F, Sp	instructor approval
ART 2440 Web Site Design	3	F, Sp	ART 1280 or ART 1800
ART 2470 Dsktp Video Prod	2	F	ART 1810 or ART 1360 or ART 2340
ART 2480 Computer Illustration	2	F, Sp	ART 1800
ART 2490 Adv Study Comp/Graph	2	Sp	approval
ART 2610 MultimediaAuth	2	F, SP	ART 2440

ART 2630 3DAnimatn (3DMax)	5	F, Sp	ART 1810 or instructor approval
OR			
ART 2631 3D Animatn (Maya)	5	F, Sp	ART 1810 or instructor approval
ART 2650 Mltimedia Prodctn	3	F, Sp	ART 1810 or instructor approval
ART Elective	1-2		
CS 2560 "C" Pro Multimedia	2	Sp	ART 2440

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
ART 1110	4		ART 2110	4	
ART 1150	2		ART 1120	3	
ART 1200	3		ART 1230	3	
ART 1800	4		ART 1810	2	
MATH 1010	4		ART 2412	3	
TOTAL	17		ENGL 1010	3	
			TOTAL	17	
THIRD SEMESTER			FOURTH SEMESTER		
ART 1260	3		ART 2230	3	
ART 2440	3		ART 2490	2	
ART 2470	2		ART 2610	2	
ART 2480	2		ART 2650	3	
ART 2630	5		ART ELECTIVE	1-3	
OR			COMM	3	
ART 2631	5		CS 2560	2	
DISTRIBUTION	3		TOTAL	16-18	
TOTAL	18				

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

COURSE	CR	SEM	PREREQUISITES

CORE SKILLS COMPOSITION

ENGL 1010 Intro to Writing	3	A	pre-test

QUANTITATIVE STUDIES

ART 1210 Mth for Vis Arts	3	F, Sp	none

COMMUNICATION

CHOOSE AN ADDITIONAL THREE CREDIT HOURS FROM THE FOLLOWING:

COMM1010 Elem of Effective Comm	3	A	none
COMM1020 Princ of Public Speaking	3	A	none
CTEL 1020 Career Speech Skills	3	A	none
HUMAN RELATIONS			
ART 1150 Foundation Sem (HR)	2	F, Sp	none. Take first semester.

(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	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

COURSE	CR	SEM	PREREQUISITES
ART 1110 Foundation I Drawing	4	F, Sp	none
ART 1120 Design	3	A	none
ART 1310 Photography I	4	A	none
ART 1320 PhotoVision	3	F, Sp	w/ART 1310 or ART 1050
ART 1340 Photo Equip & Tech	4	Sp	1310 or w/ART 1310 or w/ART 1380
ART 1380 Photography II	4	A	ART 1310
ART 2370 Photography Bus Practices	3	Sp	2nd year status
ART 2375 Photo Portfolio Wkshp	1	Sp	2nd year status
ART 2310 Studio Photography	4	F	ART 1340, ART 1120
ART 2330 Photo History	3	F	ART 1050 or ART 1310
ART 2340 Photoshop f/Photogr	3	F	ART 1800 and ART 1380
ART 2380 Adv Stdies Photo	4	Sp	ART 2310
ART Non-Photo Art Elec	3		
ART Photo Electives	7		

PHOTOGRAPHY ELECTIVES

CHOOSE A MINIMUM OF 7 CREDITS FROM THE FOLLOWING OFFERINGS:

COURSE	CR	SEM	PREREQUISITES
ART 1375 Photographing Diversity	3	F,Sp	ART 1050 or ART 1310
ART 2300 Alternative Photo	3	Sp	ART 1380
ART 2330 Documentary Photo	3	F	ART 1380
ART 2350 Photo People/Port.	3	Sp	ART 2310
ART 2360 Nature Photography	3	Sp	ART 1380
ART 2910 Photog Fieldtrip Wksp	3	TBA	Instructor's approval
ART 2970 Special Topics in Photo	1-6	TBA	Instructor's approval
ART 2990 Special Studies in Photo	1-3	TBA	Instructor's approval

NON-PHOTO ART ELECTIVES

CHOOSE A MINIMUM OF 3 CREDITS FROM DEPARTMENTAL ELECTIVES CATEGORY:

SEE DEPARTMENT ELECTIVES FOR OPTIONS IN THIS CATEGORY.

SAMPLE SCHEDULE			
FIRST SEMESTER		SECOND SEMESTER	
ART 1110	4	ART 1120	3
ART 1150	2	ART 1340	4
ART 1310	4	ART 1380	4
ART 1320	3	ART ELECT	3
ENGL 1010	3	COMM	3
TOTAL	16	TOTAL	17
THIRD SEMESTER		FOURTH SEMESTER	
ART 1210	3	ART 2370	3
ART 2310	4	ART 2375	1
ART 2330	3	ART 2380	4
ART 2340	3	PHOTO ELECTIVE	3
PHOTO ELECTIVE	3	ART 2370	3
TOTAL	16	DISTRIBUTION	3
		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-

tion and manipulation, scanning, editing of text, graphics and photographs will be learned. Students also learn basic printing techniques and procedures to help in designing and preparing materials to be printed. The latest software and computer hardware is available for student use in the departmental computer labs.

All courses in this certificate can be taken as the first year of study towards the Design Specialization Associate of Applied Science Degree.

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES
ART 1135 Printing Fundamentals	3	A	none
ART 1150 Foundation Sem	2	F, Sp	none. Take first semester.
<i>(Recommended for Visual Art & Design students only)</i>			
ART 1200 InDesign Software	3	A	none
ART 1210 Math for Vis Arts	3	F, Sp	none
ART 1120 Design	3	A	none
ART 1230 Type & Layout	3	A	ART 1200, ART 1120 or w/ART 1200, w/ART 1120
ART 1280 Photoshop Software/Design	3	A	none
ART 1800 Digital Med Essentials	4	A	none
ART 2220 Advanced Design	3	F, Sp	ART 1230
OR			
ART 2230 Adv Typ/Layout	3	F, Sp	ART 1230
ENGL 1010 Intro to Writing	3	A	pre-test

Choose an additional three credit hours from one of the following:

COMM1010 Elem of Effective Comm	3	A	none
COMM1020 Princ of Public Speaking	3	A	none
CTEL 1020 Career Speech Skills	3	A	none

SELECT ONE OF THE FOLLOWING ELECTRONIC PUBLISHING ELECTIVES:

ART 1240 Screen Printing	3	F, Sp	none
ART 2080 VAD Internship	3	F, Sp	instructors approval, portfolio review
ART 2220 Advanced Design	3	F, Sp	ART 1230
ART 2240 Package Design	3	F, Sp	ART 1230
ART 2280 Advertising Workshop	2	Sp	ART 1230

SAMPLE SCHEDULE

FIRST SEMESTER			SECOND SEMESTER		
ART 1135	3		ENGL 1010	3	
ART 1150	2		ART 1230	3	
ART 1200	3		ART 1280	3	
ART 1210	3		EP ELECTIVE	3	
ART 1120	3		COMM	3	
ART 1800	4		ART 2220	3	
TOTAL	18		OR		
			ART 2230	3	
			TOTAL	15	

DEPARTMENTAL OFFERINGS

COURSE	CR	SEM	PREREQUISITES
ART 1010 Exploring Art	3	A	none
ART 1020 Intro to Drawing	3	A	none
ART 1050 Intro to Photography	3	A	none
ART 1060 Hist/Art Lettering	3	A	none
ART 1110 Foundation I	4	Sp	none
ART 1120 Design	3	A	none
ART 1135 Printing Fundamentals	3	A	none
ART 1040 Jewlery Cult/Creat	3	A	none
ART 1110 Foundation I Drawing	4	F, Sp	none
ART 1120 Design	3	A	none
ART 1170 Animation I	5	Sp	ART 1110 and approval
ART 1200 InDesign Software	3	A	none
ART 1230 Type & Layout	3	A	ART 1200, ART 1120 or w/ART 1200, w/ART 1120
ART 1240 Screen Printing	3	F, Sp	none
ART 1250 Airbrush	3	F	none
ART 1260 Figure Drawing	3	A	ART 1110
ART 1280 Photoshop Software/Design	3	A	none
ART 1310 Photography I	4	A	none
ART 1320 Photo Vision	1	F, Sp	w/ART 1310 or

ART 1340	Photo Equip & Techn	3	Sp	ART 1050
ART 1375	Photo Diversity (FA, DV)	3	F, Sp	ART 1310
ART 1380	Photography II	4	A	ART 1050, ART 1310
ART 1385	Dig/Film Drkrm Lab	1	Sp	ART 1310
				ART 1380 or w/ART 1380
ART 1390	Color Photog	3	Sp	ART 1310
ART 1530	Painting/Watercl	3	A	none
ART 1540	Painting/Oils	3	A	none
ART 1600	Beginning Pottery	3	A	none
ART 1650	Intermediate Pottery	3	A	ART 1600
ART 1670	Animation II	4	F	ART 1170 and approval
ART 1810	Interm. Photo/Multi	2	F, Sp	ART 1800
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	none
ART 2050	Cartooning	2	F	ART 1260
ART 2070	Portfolio Development	3	F, Sp	50 completed credit hours in Design or Illust. emphasis
				Portfolio review, approval
ART 2080	VAD Internship	3	A	ART 1110
ART 2110	Foundation II	3	Sp, Su	ART 1360, or
ART 2140	Adv Photoshop	2	F, Sp	ART 1810 or
				ART 2340 or approval
ART 2200	AdvPrd Art(DTP PgLyt)	2	Sp	ART 1200 or approval
ART 2210	Illustration I	3	Sp	ART 1110
ART 2220	Advanced Design	3	F, Sp	ART 1230
ART 2230	Adv Type & Layout	3	F, Sp	ART 1230
ART 2240	Package Design	3	F, Sp	ART 1230
ART 2260	Adv Figure Draw	2	F	ART 1260
ART 2270	Illustration II	3	F	ART 2210
ART 2280	Advertising Workshop	2	Sp	ART 1230
ART 2290	Adv Illustration	2	Sp	ART 2270
ART 2300	Alternatv Photog	3	Sp	ART 1380
ART 2310	Studio Photography	4	F	ART 1340, ART 1120
ART 2320	Documnt Photog	3	F	ART 1380
ART 2330	Photog History	3	F	ART 1050 or
				ART 1310
ART 2340	Photoshop f/Photog	3	F	ART 1800 and
				ART 1380
ART 2350	Photo People/Portrt	3	Sp	ART 2310
ART 2370	2nd Year Studies	3	Sp	ART 2310
ART 2380	Adv Studies Phot	4	Sp	ART 2310
ART 2412	Illustrator Software	3	F, Sp	none
ART 2420	Adv Illustrator Software	2	Sp	ART 2412 or approval
ART 2440	Web Site Design	3	F, Sp	ART 1280 or
				ART 1800
ART 2470	DESK/Video Prod	2	F	ART 1280 or
				ART 1810 or ART 2340 or approval
ART 2480	Cmpttr Illstrtrtion	2	F, Sp	ART 1800
ART 2490	Adv Cmp Graphs	2	Sp	Instructor approval
ART 2520	Adv Drawing	2	F	ART 1110 or approval
ART 2530	Adv Paint/Watrcl	3	A	ART 1530
ART 2540	Adv Painting/Oil	3	A	ART 1540
ART 2560	Figure Painting	3	Sp	ART 1260
ART 2610	Multimedia Authoring	2	F, Sp	ART 2440
ART 2630	3D Animation	5	F, Sp	ART 1810 or instructor approval
ART 2631	3D Animatn (Maya)	5	F, Sp	ART 1810 or instructor approval
ART 2640	3DAnim II (3DMax)	2	F, Sp	ART 2630
ART 2641	3D Anim II (Maya)	2	Sp	ART 2631
ART 2650	Multimed. Prod.	3	F, Sp	ART 1810 or instructor approval
ART 2670	Animation III	3	Sp	ART 1670 and approval
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 Anima	1-6	TBA	Instructor's approval
ART 2970	Spec Topics Photog	1-6	TBA	Instructor's approval
ART 2980	SpTopics 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.

Tailorsville 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)

COURSE	CR	SEM	PREREQUISITES

CORE SKILLS**COMPOSITION**

ENGL 1010	Intro to Writing	3	A	pre-test

QUANTITATIVE STUDIES

IND 1120	Math Industry	3	F, Sp	none

COMMUNICATION

COMM 1010	Elem of Eff Comm	3	A	none

HUMAN RELATIONS

LE 1220	Human Relations	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 or appropriate placement score
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

COURSE	CR	SEM	PREREQUISITES

IND 1130	Math for Welders	3	F, Sp	IND 1120
IND 1140	Princ of Tech	2	F, Sp	IND 1120

OR

*PHYS 1010	Elementary Physics	3	F, Sp	none
NDT 1110	Intro to NDT	3	F, Sp	none
MAT 1500	Manual Machining	2	F, Sp	w/MAT 1510
MAT 1510	Manual Mach. Lab.	1	F, Sp	w/MAT 1500
WLD 1110	Fund of Weldng	4	F, Sp	w/WLD 1111
WLD 1111	Fund of Weld Lab	8	F, Sp	WLD 1110
WLD 1120	Weld Proc/Qual	4	F, Sp	WLD 1110, WLD 1111, w/WLD 1121

WLD 1121	Weld Proc/Qual Lab	8	F, Sp	WLD 1110, WLD 1111, w/WLD 1120

WLD 1230	Gas Shield Wld Insp	4	F, Sp	WLD 1120, WLD 1121, w/WLD 1131

WLD 1231	Gas Shld Wld In Lab	8	F, Sp	WLD 1120, WLD 1121, w/WLD 1130

WLD 1240	Flux Cr/Pipe Fb	4	F, Sp	WLD 1120, WLD 1121, w/WLD 1241

WLD 1241	Flx Cr/Pipe Fb Lab	8	F, Sp	WLD 1120, WLD 1121, w/WLD 1240

WLD 1260	Blueprint for Welding	3	F, Sp	none

* PHYS 1010 Elementary Physics fulfills both General Education Requirement Distribution Area and Major Course Requirement

* FA 1080 Basic Metal Sculpting (FA) fulfills General Education Requirement Distribution Area

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
ENGL	1010	3	COMM	1010	3
IND	1130	3	LE	1220	3
WLD	1110	3	WLD	1120	3
WLD	1111	7	WLD	1121	7
TOTAL		16	NDT	1110	3
			TOTAL		19
2ND FALL SEMESTER			2ND SPRING SEMESTER		
IND	1130	3	IND	1140	3
WLD	1230	3	WLD	1240	3
WLD	1231	7	WLD	1241	7
DIST		3	WLD	1260	3
TOTAL		16	MAT	1500	2
			MAT	1510	1
			TOTAL		19

DIPLOMA/WELDING^{CTE}

(minimum 65 hours required)

MAJOR COURSE REQUIREMENTS

COURSE	CR	SEM	PREREQUISITES

COMM 1010	Intro to Comm	3	A	none
IND 1120	Math for Ind	3	F, Sp	none
IND 1130	Math for Wldrs	3	F, Sp	IND 1120
IND 1140	Princ of Tech	2	F, Sp	IND 1120
LE 1220	Human Relations	3	A	none
WLD 1110	Fund of Weldng	4	F, Sp	w/WLD 1111
WLD 1111	Fund of Weld Lab	8	F, Sp	WLD 1110
WLD 1120	Weld Proc/Qual	4	F, Sp	WLD 1110, WLD 1111, or equivalent, w/WLD 1121
WLD 1121	Weld Proc/Qu Lab	8	F, Sp	WLD 1110, WLD 1111, or equivalent, w/WLD 1120
WLD 1230	Gas Shield Wld Insp	4	F, Sp	WLD 1120, WLD 1121, or equivalent, w/WLD 1231
WLD 1231	Gas Shld Wld In Lab	8	F, Sp	WLD 1120, WLD 1121, or equivalent, w/WLD 1230
WLD 1240	Flux Cr/Pipe Fb	4	F, Sp	WLD 1120, WLD 1121, w/WLD 1241
WLD 1241	Flx Cr/Pipe Fb Lab	8	F, Sp	WLD 1120, WLD 1121, w/WLD 1240
WLD 1260	Blueprint for Welding	3	F, Sp	none

SAMPLE SCHEDULE

FALL SEMESTER			SPRING SEMESTER		
IND	1120	3	COMM	1010	3
WLD	1110	4	LE	1220	3
WLD	1111	8	WLD	1120	4
TOTAL		15	WLD	1121	8
			TOTAL		18
2ND FALL SEMESTER			2ND SPRING SEMESTER		
IND	1130	3	IND	1140	2
WLD	1230	4	WLD	1240	4
WLD	1231	8	WLD	1241	8
TOTAL		15	WLD	1260	3
			TOTAL		17

[illegible]

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

SEMESTERS 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-

istrative 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

SEMESTERS 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:

Mi Yon 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

SEMESTERS 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, PILT 1400, PILT 2050; OR Concurrent with PILT 1100, PILT 1400, PILT 2050
DISP 1300 Dispatch Applications (5 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 (3 Cr. Hrs.)
PILT 2150 ATP Written Exam Prep (1 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)

PROGRAM COURSES:

COMM 1020 Principles of Public Speaking (3 Cr. Hrs.)
 BUS 1050 Foundations of Business (3 Cr. Hrs.)
 ANTH 2011 People & Cultures of SW (3 Cr. Hrs.)
 MATH 1090 College Algebra - Business (QL)
 PSY 1010 General Psychology (3 Cr. Hrs.)
 PHIL 1130 Personal Ethics (3 Cr. Hrs.)
 BUS 1100 Applied Business Calculus (3 Cr. Hrs.)
 CIS 2010 Bus. Computer Profic.-Database (3 Cr. Hrs.)
 MGT 2040 Business Statistics I (4 Cr. Hrs.)
 ENGL 2010 Intermediate Writing (3 Cr. Hrs.)
 ACCT 2010 Survey of Financial Accounting (3 Cr. Hrs.)
 ECON 2010 Principles of Microeconomics (3 Cr. Hrs.)
 ECON 1740 Economic History of U.S. (3 Cr. Hrs.)
 ACCT 2020 Managerial Accounting (3 Cr. Hrs.)
 ECON 2020 Principles of Macroeconomics (3 Cr. Hrs.)
 MGT 2050 Legal Environment of Business (3 Cr. Hrs.)

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 ACROBAT PROFESSIONAL

ADOBE ACROBAT 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

Prereq: InDesign Level I.
(Workshop consists of two 3-hr sessions.)

ADOBE PHOTOSHOP**PHOTOSHOP LEVEL I**

Prereq: Knowledge of Windows and experience working with images.
(Workshop consists of two 3-hr sessions.)

PHOTOSHOP LEVEL II

Prereq: Photoshop Level I.
(Workshop consists of two 3-hr sessions.)

DATABASES FOR MERE MORTALS**UNDERSTANDING DATABASES FOR MERE MORTALS**

Prereq: Basic knowledge of Windows.
(Workshop consists of two 3-hr sessions.)

DREAMWEAVER**DREAMWEAVER**

Prereq: Basic knowledge of Windows.
(Workshop consists of four 3-hr sessions.)

FIREWORKS INTRODUCTION

Prereq: Basic knowledge of using your PC.
(Workshop consists of two 3-hr sessions.)

EBAY TRAINING**SELLING ON EBAY - SELLER'S BASICS**

Prereq: Basic knowledge of Windows, Email and Internet.
(Workshop consists of two 3-hr sessions.)

MICROSOFT EXCEL**EXCEL LEVEL I**

Prereq: Basic knowledge of Windows.
(Workshop consists of two 3-hr sessions.)

EXCEL WORKING WITH LARGE WORKSHEETS

Prereq: Excel Level I.
(Workshop consists of one 3.5-hr session.)

EXCEL CHARTS AND GRAPHICS

Prereq: Excel Level I.
(Workshop consists of one 3.5-hr session.)

EXCEL DATABASE MANAGEMENT/PIVOT TABLES

Prereq: Excel Level I.
(Workshop consists of one 3.5-hr session.)

EXCEL USING ADVANCED FUNCTIONS

Prereq: Excel Level I.
(Workshop consists of one 3.5-hr session.)

EXCEL ORGANIZATIONAL TOOLS

Prereq: Excel Level I.
(Workshop consists of one 3.5-hr session.)

EXCEL MACROS, TOOLBARS, AND MACRO BUTTONS

Prereq: Excel Level I.
(Workshop consists of one 3.5-hr session.)

FLASH**FLASH**

Prereq: Knowledge of Windows and experience working with images.
(Workshop consists of four 3-hr sessions.)

GROUPWISE**INTRODUCTION TO GROUPWISE**

Prereq: Basic knowledge of Windows.
(Workshop consists of two 3-hr sessions.)
Students will learn how to use GroupWise and

HTML**INTRODUCTION TO HTML**

Prereq: Basic knowledge of Windows.
(Workshop consists of two 3-hr sessions.)

INTERNET**INTERNET OVERVIEW**

Prereq: Basic knowledge of Windows.
(Workshop consists of two 3-hr sessions.)

INTRODUCTION TO PERSONAL COMPUTERS**INTRODUCTION TO PC'S**

Prereq: None.
(Workshop consists of two 3-hr sessions.)

MICROSOFT OFFICE SUITE**MICROSOFT OFFICE SUITE**

Prereq: Basic knowledge of Windows.
(Workshop consists of six 3-hr sessions.)

WORD LEVEL I

(Workshop consists of two 3-hr sessions.)

EXCEL LEVEL I

(Workshop consists of two 3-hr sessions.)

POWERPOINT LEVEL I

(Workshop consists of two 3-hr sessions.)

MICROSOFT OUTLOOK**OUTLOOK LEVEL I**

Prereq: Basic knowledge of Windows.
(Workshop consists of one 3-hr session.)

MICROSOFT POWERPOINT**POWERPOINT LEVEL I**

Prereq: Basic knowledge of Windows and MS Word.
(Workshop consists of two 3-hr sessions.)

POWERPOINT LEVEL II

Prereq: PowerPoint Level I.
(Workshop consists of two 3-hr sessions.)

MICROSOFT PROJECT**PREREQ: BASIC KNOWLEDGE OF WINDOWS.**

(Workshop consists of four 3.5-hr 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 258 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 (3 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 (2 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 (3 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) 957-3107
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) 957-5558
miyon.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 256 for online courses.

PROGRAM COURSES:

EVNT 1010 Intro to Event & Meeting Planning (2 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 (3 Cr. Hrs.)
 EVNT 1700 Non-Profit Event Planning (1 Cr. Hr.)
 EVNT 1800 Budgeting for Event Planners (1 Cr. Hr.)
 MKTG 1960 Professionalism in Business (3 Cr. Hrs.)

FUN, FIT & FABULOUS AT SLCC (HEALTH AND LIFETIME ACTIVITIES)

Contact:

Paula Nielson-Williams
 (801) 957-5211
 paula.nielson-williams@slcc.edu

LOCATION: Taylorsville Redwood Campus

SEMESTERS 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 1013 Body Strength and Tone (1 Cr. Hr.)
 HLAC 1442 Brazilian Capoeira (1 Cr. Hr.)
 HLAC 1730 Contra/English Country Dance (1 Cr. Hr.)
 HLAC 1725 Latin Social Dance (1 Cr. Hr.)
 HLTH 1240 Theory/Pract of Meditation (2 Cr. Hrs.)
 HLAC 1060 NIA (1 Cr. Hr.)
 HLAC 1055 Pilates I (1 Cr. Hr.)
 HLAC 1056 Pilates II (1 Cr. Hr.)
 HLAC 1213 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) 957-3807
 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

SEMESTERS OFFERED: All

PROGRAM COURSES:

HLAC 1013 Body Strength and Tone (1 Cr. Hr.)
 HLAC 1015 Aerobics II/Spinning (1 Cr. Hr.)
 HLAC 1020 Aerobics I/Step (1 Cr. Hr.)
 HLAC 1030 Aerobics II/Kickboxing (1 Cr. Hr.)
 HLAC 1057 Yoga I (1 Cr. Hr.)
 HLAC 1058 Yoga II (1 Cr. Hr.)
 Prereq: HLAC 1057 or instructor permission.
 HLAC 1073 Aerobic Circuit (1 Cr. Hr.)
 HLAC 1111 Racquetball (1 Cr. Hr.)

LOCATION: Olympus Hills Park
 4130 South (Leo Way) 3125 East
 Salt Lake City, UT 84121

SEMESTERS OFFERED: All

PROGRAM COURSES:

HLAC 1046 Jog/Walk (1 Cr. Hr.)

LOCATION: Glendale Golf Course
 1610 West 2100 South
 Salt Lake City, UT 84119

SEMESTERS OFFERED: All

PROGRAM COURSES:

HLAC 1130 Golf I (1 Cr. Hr.)

HLAC 1131 Golf II (1 Cr. Hr.)

Prereq: HLAC 1130 or instructor approval.

LOCATION: Olympus Hills Bowl
 4015 South Wasatch Blvd.
 Salt Lake City, UT 84124

SEMESTERS 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: Fat Cats Bowling
 3739 South 900 East
 Salt Lake City, UT 84124

SEMESTERS OFFERED: All

PROGRAM COURSES:

HLAC 1145 Bowling I (1 Cr. Hr.)

LOCATION: All Star Sandy Lanes
 10535 South State
 Salt Lake City, UT 84070

SEMESTERS 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: Neptune Divers
 2445 South 900 East
 Salt Lake City, UT 84106

SEMESTERS OFFERED: All

PROGRAM COURSES:

HLAC 1350 Scuba I (1 Cr. Hr.)

HLAC 1351 Scuba II (1 Cr. Hr.)

Prereq: HLAC 1350 or instructor approval.

LOCATION: Rockcreation
 2074 East 3900 South
 Salt Lake City, UT 84124

SEMESTERS OFFERED: All

PROGRAM COURSES:

HLAC 1527 Rock Climbing I (1 Cr. Hr.)

HLAC 1528 Rock Climbing II (1 Cr. Hr.)

Prereq: HLAC 1527 or instructor approval.

LOCATION: Frontline Climbing Club
 1450 South 400 West
 Salt Lake City, UT 84106

SEMESTERS OFFERED: All

PROGRAM COURSES:

HLAC 1527 Rock Climbing I (1 Cr. Hr.)

LOCATION: Brighton Ski Resort
12601 E. Big Cottonwood Canyon Rd.
Brighton, UT 84121

SEMESTERS OFFERED: Spring

PROGRAM COURSES:

HLAC 1610 Skiing/Snowboarding (1 Cr. Hr.)

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: Lecture and 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 (3 Cr. Hrs.) (In Development)
GEN 1530 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 FamilySearch Easier w/Certified Genealogy Software
CEGN 1023 The New FamilySearch Affiliate Program
CEGN 1024 Social Networking for the Genealogist
CEGN 1025 Introduction to Genealogy Resources on the Internet

GREEN ACADEMY

Contact:

Judy Fisher

(801) 957-5252

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 - 13 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 Res/Light Comm Energy Analysis (2 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 Air Conditioning 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 (2 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 A/C Sys Analysis (2 Cr. Hrs.)
 Prereq: EGMT 1210
 EGMT 1320 Lighting Applications (2 Cr. Hrs.)
 Prereq: EGMT 1310
 EGMT 1410 Energy Investment Analysis (2 Cr. Hrs.)
 Prereq: EGMT 1110

BLOCK FIVE - 12 CR. HRS.

EGMT 1120 Commercial Energy Analysis (3 Cr. Hrs.)
 Prereq: EGMT 1210, MATH 1010
 EGMT 1230 Energy Control Strategies (3 Cr. Hrs.)
 Prereq: EGMT 1220, EGMT 1240
 ENGL 2100 Technical Writing (3 Cr. Hrs.)
 Prereq: ENGL 1010 with a C or better or appropriate placement score.
 +Technical Elective 3 (Cr.Hrs.)

BLOCK SIX - 12 CR. HRS.

EGMT 1130 Building Energy Simulations (3 Cr. Hrs.)
 Prereq: EGMT 1120
 EGMT 1420 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)
 CTEL 1020 Career Speech Skills (CM)

HUMAN RELATIONS (HR) 3 CREDIT HOURS**CHOOSE FROM ONE OF THE FOLLOWING:**

COMM 2110 Interpersonal Communications (ID, HR)
 CTEL 1010 Leadership & Team Building (HR)
 LE 1220 Human Relations-Career Development (SS,HR)
 MKTG 1960 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
 EGMT 1720 Adv. Photovoltaic Systems
 ENVT 1010 Race to Save Planet (ID)
 GEOG 1800 Geospatial Technology (ID)
 GEOG 2200 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 1050 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 1800 Spatial Technology & Analysis (3 Cr. Hrs.)
 GEOG 2200 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 2200 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 (1 Cr. Hr.)
- 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 400 Loving Your Body

- CEHW 500 Fact & Fiction of Exercise
- CEHW 650 Operation Wellness
- CEHW 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) 957-5558

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)

PROGRAM COURSES:

ANTH	2500 Field School
ENGL	2810 Native American Literature and Philosophy (3 Cr. Hrs.)
HIST	2010 Native American History and Culture (3 Cr. Hrs.)
HIST	2020 Native Americans & the Environment (3 Cr. Hrs.)
HIST	2030 Native American Arts & Crafts (3 Cr. Hrs.)
NAV	1030 Navajo for Non-Natives (3 Cr. Hrs.)

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 0065 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	1100 Bankruptcy and Collections (3 Cr. Hrs.)
PLS	1110 Wills, Probate and Estates (3 Cr. Hrs.)
PLS	1120 Paralegal Proc. I (3 Cr. Hrs.)
PLS	1130 Administrative Law (3 Cr. Hrs.)
PLS	1140 Environmental Law (3 Cr. Hrs.) Prereq: PLS 1010.
PLS	1170 Family Law (3 Cr. Hrs.)
PLS	1180 Evidence (3 Cr. Hrs.) Prereq: PLS 1070.
PLS	1190 Constitutional Law (3 Cr. Hrs.)
PLS	1300 Torts (3 Cr. Hrs.)
PLS	1530 Real Estate Law (3 Cr. Hrs.)
PLS	2000 Paralegal CO-OP 1-6 (3 Cr. Hrs.) Prereq: PLS 1050 and faculty approval.
PLS	2010 Computer Essentials Paralegals (4 Cr. Hrs.)
PLS	2050 Legal Research & Writing II (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	2200 Legal Portfolio (3 Cr. Hrs.) Prereq: All previous writing courses.
PLS	2250 Securities (3 Cr. Hrs.) Prereq: PLS 1010.
PLS	2260 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

Prepares technicians to assist pharmacists in packaging and distribution of medication and technical operations in drug distribution; including inventory control, drug delivery, and bulk compounding. Hands-on experience in the use of aseptic techniques in the preparation of sterile solution and use of dosage forms is also provided.

Pre-requisite requirements for admission to the Pharmacy Technician Program:

- Complete SLCC Admissions
- Math 0920 or 0950 w/C 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:

SEMESTER ONE

PHAR 1010 Intro to Pharmacy Practice (2 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.)

SEMESTER TWO

PHAR 1030 Compounding/Sterile Products (2 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.)

SEMESTER 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

PUBLIC SAFETY

see also INSTITUTE OF PUBLIC SAFETY P. 261

Contact:

Julia Ellis

(801) 957-3920

julia.ellis@slcc.edu

LOCATION: Miller Campus

SEMESTERS OFFERED: All, Varies

CREDIT/NON-CREDIT: Non-Credit

SPECIAL FUNCTION/RESERVE OFFICER TRAINING COURSE

see also INSTITUTE OF PUBLIC SAFETY P. 261

PEACE OFFICER BASIC TRAINING COURSE

see also INSTITUTE OF PUBLIC SAFETY P. 261

BAIL ENFORCEMENT

see also INSTITUTE OF PUBLIC SAFETY P. 261

CITIZEN'S CONCEALED FIREARMS TRAINING

CPR CERTIFICATION

DRIVERS EDUCATION

SLCC offers in-person classes taught by State Certified Driver Education Instructors. Lessons will cover driving laws and safe driving instruction. There are nine 2 hour sessions of classroom instructions and 6 hours of on-road driving and 6 hours of observation required. Bilingual instruction available.

EMERGENCY MEDICAL TECHNICIAN

see also INSTITUTE OF PUBLIC SAFETY P. 262

MOTORCYCLE RIDER EDUCATION

This course is designed for beginner motorcyclists as well as for those being re-introduced to cycling. These courses provide training that would take hundreds of miles of street riding to acquire. They are taught by experienced motorcyclists who are professionally trained instructors and nationally certified by the Motorcycle Safety Foundation.

RESERVE OFFICERS TRAINING CORPS (ROTC)

Contact:

Bert Hunsaker

(801) 957-3807

bert.hunsaker@slcc.edu

SLCC acts as a conduit to the University of Utah ROTC Programs. Students may register for U of U courses through SLCC and take them at the U. They receive credit for the classes at SLCC. Both the Army (MLS) and Air Force (AERO) have four year programs at the U. Students register for the first two years through SLCC and then transfer credits to the University of Utah.

LOCATION: University of Utah

SEMESTERS OFFERED: Varies

CREDIT/NON-CREDIT: Credit

(Credit programs require application to SLCC)

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.)
Prereq: ENGL1010 with C or better.
CIS 1020 Computer Essentials (3 Cr. Hrs.)
ENGL 1010 Intro to Writing (3 Cr. Hrs.)
Prereq: WRTG 0990 w/C or better, equivalent or placement.
FIN 1380 Financial Mathematics (3 Cr. Hrs.)
Prereq: MATH 0970 or CPT.
MGT 1600 Management Essentials (3 Cr. Hrs.)
MGT 2070 Human Resource Management (3 Cr. Hrs.)
Prereq: BUS 1050.
MKTG 1030 Introduction To Marketing (3 Cr. Hrs.)
MKTG 1090 Retail Management (3 Cr. Hrs.)
MKTG 2350 Business and Consumer Marketing (3 Cr. Hrs.)

SKI LIFT MAINTENANCE (ROPEWAY MAINTENANCE TECHNICIAN)

Contact:

Mi Yon Hodges
(801) 957-5558
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) 957-5211
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 Tech (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/ARL

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 (LW) (1 Cr. Hrs.)

Prereq: HLAC 1057 or instructor permission.

OR

A personal yoga practice.

PROGRAM COURSES

HLTH 1350 Intro to Yoga Teacher Training (3 Cr. Hrs.)

Prereq: HLAC 1057 or HLAC 1058 or personal practice.

HLTH 1355 Yoga Teacher Training II (2 Cr. Hrs.)

HLTH 1360 Yoga Teacher Training III (3 Cr. Hrs.)

Prereq: HLTH 1350 or with HLTH 1350.

HLTH 1365 Yoga Teacher Training IV (3 Cr. Hrs.)

Prereq: HLTH 1350 or with HLTH 1350.

HLTH 1370 Yoga Teacher Practicum (2 Cr. Hrs.)

Prereq: HLTH 1350, HLTH 1355, HLTH 1360, HLTH 1365 OR Instructor Approval.

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 phonics 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 0541 Performing Payroll in Quickbooks 2009 BASIC COMPUTER

LITERACY

CETG 0187 Keyboarding

CETG 0378 Introduction to Windows Vista

CETG 0108 Introduction to the Internet

CETG 0137 Introduction to Windows XP

CETG 0365 Introduction to Linux

CETG 0225 Computer Skills for the Workplace

CETG 0342 Introduction to PC Security

BUSINESS COURSES

CETG 0136 Going Green at the Workplace

CETG 0250 Accounting Fundamentals

CEMG 0013 Administrative Assistant Fundamentals

CEMG 0016 Managing Customer Service

CETG 0256 Professional Sales Skills

CEMG 0037 Principles of Sales Management

CETG 0255 Successful Construction Business Management

CETG 0440, 050 Introduction to QuickBooks

CEMG 0033 Distribution and Logistics Management

CEMG 0035 Introduction to Business Analysis

CETG 0369 Real Estate Law

CEMG 0014 Mastery of Business Fundamentals

CEMG 0017 Project Management Fundamentals

CEMG 0021 PMP Certification Prep I

CEMG 0034 Understanding the Human Resources Function

CEMG 0015 Employment Law Fundamentals

CEMG 0019 Total Quality Fundamentals

CEMG 0010 Fundamentals of Supervision and Management

CEMG 0038 High Speed Project Management

CEMG 0012 Purchasing Fundamentals

CAREER IDEAS

CETG 0273 Become a Veterinary Assistant

CETG 0307 Real Estate Investing

CETG 0277 Get Paid to Travel

CETG 0228 Fundamentals of Technical Writing

CETG 0261 Introduction to Criminal Law

CETG 0262 Introduction to the Game Industry

CETG 0291 Publish It Yourself: How to Start and Operate Your Own Publishing Business

CERTIFICATION PREP

CETG 0132 Basic CompTIA® A+ Certification Prep

CETG 0395 Microsoft Windows Certification Prep: Exam 70-270

CETG 0355 CompTIA Security+ Certification Prep

CETG 0213 CompTIA® Network+ Certification Prep

COMPUTER APPLICATIONS

CETG 0320, 0420 Introduction to Microsoft Word

CETG 0321 Intermediate Microsoft Word

CETG 0322 Advanced Microsoft Word

CETG 0325, 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 0341, 0441 Introduction to PowerPoint

CETG 0435 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, 0540 Introduction to QuickBooks

CETG 0162, 0462 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 0419 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++ 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 0393 Introduction to Python 2.5 Programming

CETG 0146 Introduction to SQL

CETG 0145 Introduction to Database Development

CETG 0147 Introduction to Perl Programming

CETG 0262 Introduction to the Game Industry

DIGITAL PHOTOGRAPHY

CETG 0192 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 0283 Photographing People With Your Digital Camera

ENTERTAINMENT

CETG 0349 Music Made Easy

CETG 0270 Drawing for the Absolute Beginner

FAMILY & FRIENDS

CETG 0183 Understanding Adolescents

HEALTH CARE

CETG 0139 Medical Terminology: A Word Association Approach

CETG 0188 Lose Weight & Keep it Off!

CETG 0135 Medical Transcription

CETG 0273 Become a Veterinary Assistant

CETG 0375 Become a Veterinary Assistant II: Canine Reproduction

CETG 0475 Become a Veterinary Assistant III: Practical Skills

CETG 0309 Handling Medical Emergencies
 CETG 0140 Introduction to Natural Health and Healing

GRANT WRITING/NONPROFITS

CEMG 0232 Creating Your Own Nonprofit
 CEMG 0032 Introduction to Nonprofit Management
 CEMG 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 0155 Becoming a Grant Writing Consultant

LANGUAGES

CETG 0152 Speed Spanish I
 CETG 0377 Instant Italian
 CETG 0278 Beginning Conversational French
 CETG 0189 Beginning Braille Transcription
 CETG 0153 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
 CEMG 0015 Employment Law Fundamentals
 CETG 0368 Workers' Compensation
 CETG 0311 LSAT Preparation - Part 1
 CETG 0369 Real Estate Law

PERSONAL DEVELOPMENT

CETG 0173 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 0172 Get Assertive!
 CETG 0171 Achieving Success with Difficult People
 CETG 0168 Keys to Effective Communication
 CETG 0309 Handling Medical Emergencies
 CETG 0245 Outdoor Survival Techniques

NETWORKING/TROUBLESHOOTING

CETG 0101 Introduction to PC Troubleshooting
 CETG 0220 Introduction to Networking
 CETG 0242 Intermediate Networking
 CETG 0334 Wireless Networking

PERSONAL FINANCE

CETG 0307 Real Estate Investing
 CETG 0123 Debt Elimination Techniques That Work
 CETG 0367 Where Does All My Money Go?
 CETG 0292 Personal Finance
 CETG 0160 Introduction to Stock Options
 CETG 0357 Building Wealth
 CETG 0323, 0423 Introduction to Microsoft Excel

START YOUR OWN BUSINESS

CETG 0296 Learn to Buy and Sell on eBay
 CETG 0345 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 0335 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 0296 Differentiated Instruction in the Classroom
 CETG 0336 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 0376 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 0212 SAT/ACT Preparation - Part 2
 CETG 0265 GMAT Preparation
 CETG 0263 GRE Preparation - Part 1
 CETG 0264 GRE Preparation - Part 2
 CETG 0311 LSAT Preparation - Part 1
 CETG 0312 LSAT Preparation - Part 2

TEACHING

CETG 0272 Solving Classroom Discipline Problems
 CETG 0388 Survival Kit for New Teachers
 CETG 0332 Big Ideas in Little Books
 CETG 0363 The Classroom Computer
 CETG 0331 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 0151 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
 CEMG 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 0229 The Keys to Effective Editing
 CETG 0337 Introduction to Journaling
 CETG 0290 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 0251 Effective Business Writing
 CETG 0384 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 (1 Cr. Hr.)

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 (3 Cr. Hrs.) (In Development)
GEN 1530 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.)

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 1500 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 0066 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 ARC Documents (1 Cr. Hr.)
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 2010 Hotels & Lodging (1 Cr. Hrs.)
TRVL 2015 Automated Trvl Accommodations (1 Cr. Hr.)
Prereq: TRVL 1040, TRVL 1080
TRVL 2020 The Cruise Market (2 Cr. Hrs.)
TRVL 2030 Selling Vacation Pkgs & Tours (2 Cr. Hrs.)
TRVL 2040 Fares & Tickets International (1 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/Cohabitant Abuse Procedure
 Identity Theft - Fraudulent Documents
 Recognizing and Handling Drugs and Narcotics
 Intoxilyzer Operation and Certification
 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.

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.

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.

IN-SERVICE TRAINING

The Institute is an export training site for the Federal Law Enforcement Training Center (FLETC), Glynco, 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.

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 motor-cycle rider education. See the Miller Campus website, schedule, or call (801) 957-3211.

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.mbrclcc.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.mbrclcc.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

mbrclcc.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
mbreslcc.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 licensure 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) 957-5293
shannon.strickland@slcc.edu
mbreslcc.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
mbreslcc.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
mbreslcc.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
mbreslcc.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
mbreslcc.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
mbreslcc.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
mbreslcc.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) 313-6720 for more information.

BASIC WELDING

Short Term Intensive Training Program 40 Hrs.

Contact:

Donna Smith
(801) 957-5578
donna.smith@slcc.edu
mbreslcc.com/stit

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
stan.rees@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 is 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/slsbdc

LOCATION: Miller Campus, Miller Corporate Partnership Center

SEMESTERS 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 NewVenture: Making Your Entrepreneurial Dream a Reality

FastTrac TechVenture: Better Develop Your Business Plan

EXISTING BUSINESS

- FastTrac GrowthVenture: 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) 957-5241
danielle.lower@slcc.edu
mbreslcc.com/wbi

LOCATION: Miller Campus, Miller Corporate Partnership Center

SEMESTERS 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 investors 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:

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MILLER CAMPUS CONFERENCING AND FACILITY RENTAL

Contact:

Director: Kent Hilton (801) 957-2002

Facility Rental: Rachelle Brough (801) 957-5294

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^{CTE}

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 encouraged to be registered with the Office of Apprenticeship. All electricians and plumbers must register with the Utah State Division of Occupational and Professional Licensing, (801) 530-6628.

Apprenticeship programs may require a math prerequisite. A grade of C or better is required in all core courses for passing and receiving clock hours. Some programs may have stricter requirements. Students should check their individual programs for more information on prerequisites and entrance requirements. Attendance is 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.

FACULTY

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^{CTE}

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^{CTE} 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:

APPR	1470	Math for the Trades	5
BLA	1110	Brick Layer IA	5
BLA	1120	Brick Layer IB	5
BLA	1210	Brick Layer IIA	5
BLA	1220	Brick Layer IIB	5
BLA	2310	Brick Layer IIIA	5
BLA	2320	Brick Layer IIIB	5

(In addition to the above courses, the student must earn at least 432 clock hours of related instruction.)

GENERAL EDUCATION RECOMMENDATIONS:

CTEL	1010	Leadership and Training	3
OR			
LE	1220	Human Relat. - Career Dev	3
CTEL	1020	Career Speech Skills	3
OR			
COMM	1010	Elements of Eff. Comm	3
ENGL	1010	Introduction to Writing	3
FIN	1050	Personal Finance	3
Gen Ed or Related Elective Credit			21

(Suggested related courses are: Welding, CAD Drafting, Blueprint Reading, Cement Masonry.)

SUGGESTED SEQUENCE

FIRST SEMESTER

BLA	1110	Brick Layer IA	5

SECOND SEMESTER

BLA 1120 Brick Layer IB 5

THIRD SEMESTER

BLA 1210 Brick Layer IIA 5
LE 1300 Human Relations and Self-Esteem 2

FOURTH SEMESTER

BLA 1220 Brick Layer IIB 5
WTG 1010 Introduction to Writing 3

FIFTH SEMESTER

BLA 2310 Brick Layer IIIA 5
IND 1140 Principles of Technology 3

SIXTH SEMESTER

BLA 2320 Brick Layer IIIB 5
FIN 1050 Personal Finance 3

SEVENTH SEMESTER

— General Education Elective Credit 3
— Related Elective Credit 4

(Suggested related courses are: Welding, CAD Drafting, Blueprint Reading, Cement Masonry.)

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/CARPENTRY INDEPENDENT TECHNOLOGY

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 Carpentry CO-OP 2-4

SECOND SEMESTER

CPI 1120 Carpenter IB 5
COMM1010 Elements of Effective Communication 3

THIRD SEMESTER

CPI 1210 Carpenter IIA 5
LE 1300 Human Relations and Self-Esteem 2

FOURTH SEMESTER

CPI 1220 Carpenter IIB 5
ENGL 1010 Introduction to Writing 3

FIFTH SEMESTER

CPI 2310 Carpenter IIIA 5
IND 1140 Principles of Technology 3

SIXTH SEMESTER

CPI 2320 Carpenter IIIB 5
FIN 1050 Personal Finance 3

SEVENTH SEMESTER

CPI 2410 Carpenter IVA 5
— General Education Elective Credit 3

EIGHTH SEMESTER

CPI 2420 Carpenter IVB 5
CPI 2000 Carpentry CO-OP 2-4

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/CARPENTRY JATC TECHNOLOGY

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 Carpentry--Computer Skills 5
CPA 2000 Carpentry CO-OP 3-6

SECOND SEMESTER

CPA 1120 Carpentry--Concrete Forming 5
COMM1010 Elements of Effective Communication 3

THIRD SEMESTER

CPA	1210	Carpentry--Wood Framing	5
LE	1300	Human Relations and Self-Esteem	2

FOURTH SEMESTER

CPA	1220	Carpentry--Finish, Interior	5
ENGL	1010	Introduction to Writing	3

FIFTH SEMESTER

CPA	2310	Carpentry - Interior Systems	5
IND	1140	Principles of Technology	3

SIXTH SEMESTER

CPA	2320	Carpentry - Welding	5
FIN	1050	Personal Finance	3

SEVENTH SEMESTER

CPA	2410	Carpentry - Blueprint Reading	5
—	—	General Education Elective Credit	3

EIGHTH SEMESTER

CPA	2420	Carpentry Completion	5
CPA	2000	Carpentry CO-OP	3-6

ASSOCIATE OF APPLIED SCIENCE^{CTE} 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^{CTE} 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 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 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**

DSTA	1100	Safety and Basic Engines	2
DSTA	1111	Safety and Basic Engines Lab	4
LE	1220	Human Relations for Career Development	3

SECOND SEMESTER

DSTA	1120	Preventive Maintenance	2
DSTA	1121	Preventive Maintenance Lab	4
COMM	1010	Elements of Effective Communication	2

THIRD SEMESTER

DSTA	1130	Heavy-Duty Drivetrains	2
DSTA	1131	Heavy-Duty Drivetrains Lab	4
FIN	1050	Personal Finance	3

FOURTH SEMESTER

DSTA	1200	Advanced Engine & Electronics	2
DSTA	1211	Advanced Engine & Electronics Lab	4
DSTA	2000	Heavy-Duty CO-OP	2-4

FIFTH SEMESTER

DSTA	1220	Heavy-Duty Hydraulics	2
DSTA	1221	Heavy-Duty Hydraulics Lab	4
DSTA	2000	Heavy-Duty CO-OP	2-4

SIXTH SEMESTER

DSTA	1230	Heavy-Duty Electrical	2
DSTA	1231	Heavy-Duty Electrical Lab	4
DSTA	2000	Heavy-Duty CO-OP	2-4

SEVENTH SEMESTER

DSTA	2000	Heavy-Duty CO-OP	2-4
ENGL	1010	Introduction to Writing	3
IND	1120	Math for Industry	3

EIGHTH SEMESTER

DSTA	2000	Heavy-Duty CO-OP	2-4
MSI	1110	Related Machine Shop	3
WLDA	1005	Related Welding	3

ASSOCIATE OF APPLIED SCIENCE^{CTE} 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, blue-print 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 SCIENCE^{CTE} IN APPRENTICESHIP/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 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. 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 1220	Maintenance Plumbing	5
FMTA 2310	Mntnc Construction/Mechanic	5
FMTA 2320	Mntnc Pipefitting	5
FMTA 2410	Mntnc Welding/Trowel Trades (Elective)	5

(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

FIRST SEMESTER			SECOND SEMESTER		
FMTA 1110	5		CTEL 1010	3	
RELATED ELECTIVE	4		FMTA 1120	5	
TOTAL	9		TOTAL	8	
THIRD SEMESTER			FOURTH SEMESTER		
FMTA 1210	5		ENGL 1010	3	
CTEL 1020	3		FMTA 1220	5	
TOTAL	8		TOTAL	8	
FIFTH SEMESTER			SIXTH SEMESTER		
IND 1140	3		FIN 1050	3	
FMTA 2310	5		FMTA 2320	5	
TOTAL	8		TOTAL	8	
SEVENTH SEMESTER					
FMTA 2410	5				
(Optional Elective)					

ASSOCIATE OF APPLIED SCIENCE^{CTE} IN APPRENTICESHIP/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 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.

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

COMM1010 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 IIIA	5
IND 1400 Principles of Technology	3

SIXTH SEMESTER

FIN 1050 Personal Finance	3
HVAC 2320 HVAC IIIB	5

SEVENTH SEMESTER

HVAC 2410 HVAC IVA	5
HVAC 2000 Heat, Vent Air Specialties	5

EIGHTH SEMESTER

HVAC 2420 HVAC IVB	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

COMM1010 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 1140 Principles of Technology	3
ISA 2310 Ironworker IIIA	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-

ematics 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 1210 Small Engine Repair/Mntenance 5

FOURTH SEMESTER

LAND 1220 Pest Mngmt/Sustnbl. Landscapes 5

FIFTH SEMESTER

LAND 2310 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^{CTE} 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

PFA	1110	Trade Related Math	2
PFA	1111	Soldering and Brazing	2
PFA	1140	Principles of Technology	2
PFA	1150	Job Safety and Heritage	2
PFA	1160	Use and Care, Pipe Fittings	2

PFA	1210	Gas Installations	2
PFA	1211	Hydronic Heating & Cooling Systems	2
PFA	1250	Basic Electricity	2
PFA	1260	Drafting and Plan Reading	2
PFA	2151	Welding I	2
PFA	2152	Welding II	2
PFA	2153	Welding III	2
PFA	2154	Welding IV	2
PFA	2155	Welding V	2
PFA	2156	Welding VI	2
PFA	2157	Welding VII	2
PFA	2158	Welding VIII	2
PFA	2159	Welding IX	2
PFA	2160	Welding X	2
PFA	2161	Pipe Bending	2
PFA	2311	Pumps and Steam Systems	2
PFA	2331	Brazing and Compressor Overhaul	2
PFA	2350	Drainage	2
PFA	2360	Water Supply	2
PFA	2441	Advanced Plan Reading	2
PFA	2450	Builders Level and Special Inst.	2
PFA	2460	Hydronics Systems	2
PFA	2470	Plumbing Fixtures and Appliances	2
PFA	2560	International Plumbing Code	2
PFA	2570	Test Prep-Code	2
PFA	2571	Test Prep-Math	2
PFA	2572	Test Prep-Shop	2
PFA	2520	Plumber/ Pipefitter V	2

ASSOCIATE OF APPLIED SCIENCE^{CTE} 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

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 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

COMM1010	Elements of Effective Communication	3
PLI 1120	Plumbing IIB	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 2310	Plumbing IIIA	5

SIXTH SEMESTER

FIN 1050	Personal Finance	3
PLI 2320	Plumbing IIIB	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/REFRIGERATION 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, 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 required 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 Ctrl	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
SHA 2000	Stagehand CO-OP	2-4
—	Related Elective Credits	4

SECOND SEMESTER

COMM1010	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 IIIB	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

Taylorville 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

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:

COURSE			HOURS
KCDL	0100	CDL Learner's Permit	16
KCDL	0110	CDL License Refresher Course	40-80
KCNA	0010	CPR for Health Care Pros	4
KCNA	0020	Skills Lab Refresher	5
KFLT	0250	Forklift Driver	8
KNNNA	0100	Nutrition Assistant	20

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.

Program Billings – Resident Tuition Fiscal Year 2010-2011 (Costs are subject to change)		
Program Name	Hours	Tuition & Lab Fee*
ABE/GED/ESL Level II & III	100 (minimum)**	\$195.00**
ESL – Level I	100**	\$120.00**
Accounting Clerk	735	\$1,336.25
Administrative Office Specialist	650	\$1,177.50
Air Conditioning/ Heating/Refrigeration	960	\$1,760.00
Automotive: General Automotive Technician	785	\$1,493.75
Automotive Technician	1,515	\$2,771.25
Automotive: Undercar Technician	775	\$1,476.25
Certified Nursing Assistant	110	\$212.50
Clinical Medical Assisting	900	\$1,655.00
Computer Applications	1,110	\$2,022.50
Computer Support Specialist	615	\$1,126.25
Customer Service/Receptionist	290	\$567.50
ECG Technician	345	\$643.75
Electromechanical Assembly Technician	365	\$738.75
Electronics Assembly Technician	195	\$391.25
Electronics Communication Technician	1,305	\$2,308.75
Electronics Engineering Technician	1,207	\$2,237.25
Electronics Technician	1,165	\$2,163.75
Graphic Designer	645	\$1,208.75
Health Information Specialist	600	\$1,100.00
Health Unit Clerk/Coordinator	200	\$360.00
Heavy Duty Diesel Maintenance Technician	525	\$998.75
Heavy Duty Diesel Technician	1,065	\$1,943.75
Information Technology - Networking	1,170	\$2,127.50
Machinist	360	\$660.00
Media Design Technology	1,275	\$2,311.25
Medical Coding & Billing	710	\$1,282.50
Medical Office Administration	1,500	\$2,691.25
Medical Office Laboratory Technician	315	\$591.25
Network Administrator	645	\$1,178.75
Network Associate	540	\$985.00
Network Engineer	855	\$1,546.25
Network Infrastructure Tech (CCNA)	630	\$1,182.50
Networking Technician (NET+)	450	\$827.50
Pharmacy Technician	395	\$751.25

Phlebotomy Technician	255	\$476.25
Social/Human Services Assistant	372	\$681.00
Truck Driving, Professional	160	\$1,365.00
Truck Driving, Professional	280	\$2,235.00
Web Programmer	735	\$1,346.25
Web Site Designer	675	\$1,241.25
Welding	975	\$1,906.25
Welding, Focused	195	\$391.25
Stand Alone Courses:		
KCDL 0100 CDL Driver's License Learner's Permit	16	\$50.00
KCDL 0110 CDL License Upgrade	40-80	\$340.00 - \$630.00
KCNA 0020 Skills Lab Refresher	5	\$8.75
KCNA 0010 CPR for Health Care Pros	4	\$7.00
KFLT 0250 Forklift Training	8	\$60.00
KNNA 0100 Nutrition Assistant	20	\$35.00

*Books, supplies and student fees are not included.

** Variable hours/pricing, see an advisor for details.

INTERNATIONAL STUDENTS

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 W170, 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 effect 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

KFND 0100 Introduction to Computers
KABM 0115 Basic Math Skills
KABR 0115 Basic Reading Skills
KGED 0200 GED Prep, Social Studies
KGED 0300 GED Prep, Science
KGED 0400 GED Prep, Language Arts, Reading/Lit.
KGED 0500 GED Language Arts/Writing
KMTH 0010 Math I

HORIZONTE:

KFND 0260 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
KABM 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
or communicative activities to develop fluency
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 modals; 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 0115 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 (MS Excel) and word processing (MS Word) are also emphasized.

COURSES			CLOCK HOURS
KAOS	0110	Beginning Keyboarding	20
KAOS	0120	Keyboard Skill Building 1	60
KAOS	0130	Keyboard Skill Building 2	40
KAOS	0140	Ten-Key 1	30
KAOS	0150	Ten-Key 2	30
KAOS	0160	Ten-Key 3	20
KAOS	0170	Computer Concepts	30
KAOS	0180	Word Processing 1	40
KAOS	0210	Business Communications 1	35
KAOS	0220	Business Communications 2	15
KAOS	0230	Business Communications 3	10
KAOS	0250	Customer Service Life Skills	60
KAOS	0260	Presentations	30
KACT	0110	Spreadsheets 1	35
KACT	0120	Spreadsheets 2	35
KACT	0130	Accounting 1	30
KACT	0140	Accounting 2	30
KACT	0150	Accounting 3	30
KACT	0160	Accounting 4	30
KACT	0170	Records Management	30
KACT	0180	QuickBooks 1	40
KACT	0190	QuickBooks 2	40
KWRK	0515	Job Seeking Skills	15
TOTAL HOURS			735

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.

COURSES			CLOCK HOURS
KAOS	0110	Beginning Keyboarding	20
KAOS	0120	Keyboard Skill Building 1	60
KAOS	0130	Keyboard Skill Building 2	40
KAOS	0140	Ten-Key 1	30
KAOS	0150	Ten-Key 2	30
KAOS	0170	Computer Concepts	30
KAOS	0180	Word Processing 1	40
KAOS	0190	Word Processing 2	35
KAOS	0210	Business Communications 1	35

KAOS	0220	Business Communications 2	15
KAOS	0230	Business Communications 3	10
KAOS	0240	Business Communications 4	20
KAOS	0250	Customer Service Life Skills	60
KAOS	0260	Presentations	30
KACT	0170	Records Management	30
KACT	0110	Spreadsheets 1	35
KACT	0120	Spreadsheets 2	35
KWRK	0515	Job Seeking Skills	15

ELECTIVES (80 HOURS REQUIRED)

KAOS	0200	Word Processing 3	35
KAOS	0270	Database	40
KACT	0130	Accounting 1	30
KACT	0140	Accounting 2	30
KACT	0180	QuickBooks 1	40
KMCB	0120	Medical Terminology	30
TOTAL HOURS			650

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.

COURSES			CLOCK HOURS
KAOS	0110	Beginning Keyboarding	20
KAOS	0120	Keyboard Skill Building I	60
KAOS	0140	Ten-Key I	30
KAOS	0170	Computer Concepts	30
KAOS	0180	Word Processing I	40
KAOS	0210	Business Communications I	35
KAOS	0250	Customer Service Life Skills	60
KWRK	0515	Job Seeking Skills	15
TOTAL HOURS			290

SOCIAL/HUMAN SERVICES ASSISTANT^{CTE} CERTIFICATE OF PROFICIENCY

Professors: Dee Ann 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.

COURSE	CLOCK HOURS
KOFC 0110 Beginning Keyboarding	12
KOFC 0115 Beginning Skill Building	50
KOFC 0140 Computer Concepts/Windows	45
KOFC 0150 Customer Service/Life Skills	60
KOFC 0170 Word Processing (MS Word Core)	35
KOFC 0200 Spreadsheets (MS Excel Core)	35
KSSA 0100 Ethics in Social Services	60
KSSA 0200 Human Behavior/Soc Environ	60
KOFC 0290 Employment Workshop	15
TOTAL HOURS	372

COMPUTER & NETWORK TECHNOLOGY

COMPUTER SUPPORT SPECIALIST (A+ CERTIFICATION) CERTIFICATE OF COMPLETION

Associate Professor: Kathy Himle
Assistant Professor: Edward Walsh
Instructor: Doug Miller
Meadowbrook Campus; Rose Park Center

PROGRAM DESCRIPTION

The Computer Support Specialist program is designed to give entry-level computer help desk and support professionals the skills needed to succeed in a modern help desk environment. From technical skills to "soft" skills, this program gives the emerging IT support professional the tools to succeed in securing a job and moving ahead quickly. This program offers training in hardware support and service including basic computer system assembly, computer repair, software installation, and troubleshooting skills. Student enrolling this program will have the opportunity to work with all the latest desktop operating systems including Microsoft's Windows 7, Apple's OS X, and Linux. An introduction to network design and troubleshooting is also an option for students selecting that elective. All students completing this program are encouraged to take exams leading to industry certification by CompTIA, Microsoft, Apple, and Linux (Testing services for most certifications exam are available at SLCC South City Campus Pearson-VUE center.)

REQUIRED COMPTIA CERTIFICATION COURSES 315 HOURS

A+ CERTIFICATION: HARDWARE & SOFTWARE ESSENTIALS

KCMS 0136 Computer Components	75
KCMS 0140 Storage and Multimedia	75

A+ CERTIFICATION: HELP DESK TECHNICIAN

KCMS 0151 Wired and Wireless	75
KCMS 0180 Software and Security	75
KWRK 0515 Job-seeking Skills	15

ELECTIVES 300 HOURS (CHOOSE TWO OPTIONS):

(OPTION 1) MICROSOFT CERTIFICATION

KNWE 0680 Configuring Windows Clients	75
KNWE 0780 Maintaining Windows Clients	75

(OPTION 2) LINUX CERTIFICATION

KCMS 0401 Linux Fundamentals	90
KCMS 0410 Linux System Administration	60

(OPTION 3) COMPTIA NETWORK+ CERTIFICATION

KCMS 0240 Intro to Networking Technology	75
KCMS 0250 Advanced Network Technology	75

(OPTION 4) APPLE CERTIFICATION

KCMS 0500 Mac OS X Essentials	75
KCMS 0550 Mac OS X Administration	75
TOTAL HOURS	615

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 MCTS and MCITP:SA 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 (MCITP:SA) 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 and updates, Terminal Services, audit policies, vulnerability assessment, firewall configuration, network access protection, encryption, data backup and recovery, disaster prevention, 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.

COURSES	CLOCK HOURS
KNWE 0680 Configuring Windows Clients	75
KNWE 0780 Maintaining Windows Clients	75
KNWE 0642 Network Infrastructure Intro	75
KNWE 0742 Network Infrastructure Implementation	75
KNWE 0640 Active Directory Admin	90
KNWE 0740 Active Directory Infrastructure	90
KNWE 0646 Server Admin 1	75
KNWE 0746 Server Admin 2	75
KWRK 0515 Job-seeking Skills	15
TOTAL HOURS	645

NETWORK ENGINEER CERTIFICATE OF COMPLETION

Assistant Professor: Steven Fogg
Instructor: Doug Miller
Meadowbrook Campus; Rose Park Center

PROGRAM DESCRIPTION

This training program can be used as a step to gaining valuable industry recognized certification titles including Microsoft Certified Technology Specialist (MCTS), Microsoft Certified IT Professional: Server Administrator (MCITP:SA), Microsoft Certified IT Professional: Enterprise Administrator (MCITP:EA), and Cisco Certified Network Associate (CCNA). Students learn through "hands-on" training using the latest Microsoft and Cisco course materials to plan, support, manage, and troubleshoot enterprise network environments.

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.

NETWORK ENGINEER STUDENTS WILL CHOOSE ONE OF THE TWO FOLLOWING TRACK OPTIONS TO TOTAL 855 CLOCK HOURS.

COURSES	CLOCK HOURS
TRACK 1 MCITP:EA	
KNWE 0680 Configuring Windows Clients	75
KNWE 0780 Maintaining Windows Clients	75
KNWE 0642 Network Infrastructure Intro	75
KNWE 0742 Network Infrastructure Implement	75
KNWE 0640 Active Directory Admin	90
KNWE 0740 Active Directory Infrastructure	90
KNWE 0643 Applications Infrastructure	70
KNWE 0743 Web Apps and Services	70
KNWE 0647 Enterprise Design 1	65
KNWE 0747 Enterprise Design 2	65
KNIT 0751 Routing and Switching I (CCNA)	90
KWRK 0515 Job-seeking Skills	15
TOTAL HOURS FOR MCITP:EA TRACK	855

TRACK 2 MCITP:SA/CCNA

KNWE 0642 Network Infrastructure Intro	75
KNWE 0742 Network Infrastructure Implement	75
KNWE 0640 Active Directory Admin	90
KNWE 0740 Active Directory Infrastructure	90
KNWE 0646 Server Admin 1	75
KNWE 0746 Server Admin 2	75
KNIT 0751 Routing and Switching I (CCNA)	90
KNIT 0756 Routing and Switching II (CCNA)	90
KNIT 0760 Routing and Switching III (CCNA)	90
KNIT 0765 Routing and Switching IV (CCNA)	90
KWRK 0515 Job-seeking Skills	15
TOTAL HOURS FOR MCITP:SA/CCNA TRACK	855

NETWORK INFRASTRUCTURE TECHNICIAN (CCNA) CERTIFICATE OF COMPLETION

Instructor: Doug Miller
Rose Park Center

PROGRAM DESCRIPTION

This program is designed to prepare students for entry-level career opportunities, continuing education, and completing globally recognized certifications (CCENT and CCNA) in order to support, install and maintain computer networking infrastructures. Students learn to install, configure, operate, and troubleshoot medium-sized router and switched networks, including implementation and verification of connections to remote sites in a WAN. The curriculum includes basic mitigation of security threats, introduction to wireless networking concepts and terminology, and performance-based skills. This curriculum also includes (but is not limited to) the use of these networking protocols: IP, Enhanced Interior Gateway Routing Protocol (EIGRP), Serial Line Interface Protocol Frame Relay, Routing Information Protocol Version 2 (RIPv2), VLANs, Ethernet, access control lists (ACLs).

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.

COURSES	CLOCK HOURS
KOIS 0110 Beginning Keyboarding	20
KOIS 0180 Word Processing I	40
KWRK 0515 Job Seeking Skills	15
KACK 0150 Customer Service/Life Skills	60
KCMS 0136 Computer Components	75
KCMS 0140 Storage and Multimedia	75
KCMS 0151 Wired and Wireless	75
KCMS 0180 Software and Security	75
KNIT 0751 Routing and Switching I	90
KNIT 0756 Routing and Switching II	90
KNIT 0760 Routing and Switching III	90
KNIT 0765 Routing and Switching IV	90
TOTAL CORE	745 HOURS

ELECTIVES: CHOOSE ONE OF THE TWO ELECTIVE TRACKS LISTED BELOW

ELECTIVE TRACK ONE

KCMS 0240 Intro to Networking Technology	75
KCMS 0250 Advanced Network Technology	75

ELECTIVE TRACK TWO

KNIT 0780 Intro to Wireless Systems	75
KNIT 0785 Advanced Wireless Systems	75
TOTAL PROGRAM HOURS	945

ELECTRONICS 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	CLOCK HOURS
KELA 0172 IPC-A-610 Cert Specialist	36
KELA 0151 Universal Assembly and Repair	72
KELA 0161 Surface Mount Technology	72
KEMA 0167 IPC-J-STD-001D Cert	36
KEMA 0168 IPC/WHMA-A-620 Cert	64
KEMA 0180 Electromechanical Project	70
KWRK 0515 Job-seeking Skills	15
TOTAL HOURS	365

ELECTRONICS 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 two part, in-depth, 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; flatpacks 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.

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

COURSES	CLOCK HOURS
KELA 0172 IPC-A-610D Cert IPC Specialist	36
KELA 0151 Universal Assembly and Repair	72
KELA 0161 Surface Mount Technology	72
KWRK 0515 Job-seeking Skills	15
TOTAL HOURS	195

ELECTRONICS COMMUNICATION TECHNICIAN CERTIFICATE OF COMPLETION

Associate Professor: Gilbert Ulibarri, Jr.
Assistant Professor: Richard Hemingway
Taylorsville 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

COURSES	CLOCK HOURS
KELA 0190 Basic Assembly and Soldering	24
KET2 0128 Electronics Math I	72
KET2 0129 Electronics Math II	72
KET2 0135 DC Fundamentals	72
KET2 0136 DC Circuits	72
KET2 0140 AC Fundamentals	72
KET2 0148 A C Circuits	72
KET2 0158 Analog I – Analog Devices	96
KET2 0159 Analog II – Circuits and Applications	96
KET2 0168 Digital Fundamentals	96
KET2 0169 Digital Circuits and Applications	96
KET2 0242 Tech Certification	42
KECT 0120 RF Communications	96
KECT 0130 Transmit Lines/Antennas/Towers	48
KECT 0140 Microwaves	72
TOTAL HOURS	1305

ELECTRONICS ENGINEERING TECHNICIAN CERTIFICATE OF COMPLETION

Associate Professor: Gilbert Ulibarri, Jr.
Assistant Professor: Richard Hemingway
Taylorsville 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

COURSES	CLOCK HOURS
KET2 0128 Electronics Math I	72
KET2 0129 Electronics Math II	72
KET2 0135 DC Fundamentals	72
KET2 0136 DC Circuits	72
KET2 0147 AC Fundamentals	72
KET2 0148 A C Circuits	72
KET2 0158 Analog 1 – Analog Devices	96
KET2 0159 Analog 2– Circuits & Applications	96
KET2 0168 Digital Fundamentals	96

KET2	0169	Digital Circuits and Applications	96
KET2	0242	Tech Certification	42
KET2	0171	Microprocessors	96
KET2	0172	Embedded Controllers	96
KEET	0400	Schematic Capture and Simulation	72
KEET	0500	Printed Circuit Board Design	72
KWRK	0515	Job-seeking Skills	15
TOTAL HOURS			1207

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

Successful students may be certified in the following areas: Salt Lake Community College Surface Mount Technology and Advanced Through-Hole Soldering, IPC-A-610D Worker Proficiency Training Certification, and the International Society of Electronics Technician (ISCET) Certification FCC General Radio/Telephone Operator License preparation, and IPC-STD-001D Assembly Certification and IPC/WHMA-A-620 Cable and Harness Industry Certification..

COURSES			CLOCK HOURS
KET2	0100	Basic Computer Literacy	16
KELA	0172	IPC-A-610D Cert IPC Specialist	36
KELA	0151	Universal Assembly and Repair	72
KELA	0161	Surface Mount Technology	72
KET2	0128	Electronics Math I	72
KET2	0129	Electronics Math II	72
KET2	0135	DC Fundamentals	72
KET2	0136	DC Circuits	72
KET2	0147	AC Fundamentals	72
KET2	0148	AC Circuits	72
KET2	0158	Analog 1 – Analog Devices	96
KET2	0159	Analog 2 – Circuits & Applications	96
KET2	0168	Digital Fundamentals	96
KET2	0169	Digital Circuits & Applications	96
KET2	0242	Technician Certification	42
KWRK	0515	Job-seeking Skills	15

ELECTIVES, COMPLETE ONE 96-HOUR ELECTIVE OR KEMA 0167 AND KEMA 0168 TOGETHER

KET2	0220	Cooperative Externship	96
KEMA	0167	IPC/J-STD 001D Certification	36
KEMA	0168	IPC/WHMA-A-620 Certification	64
KET2	0171	Microprocessor	96
KET2	0172	Embedded Controllers	96
KET2	0173	Troubleshooting	96
TOTAL HOURS			1165

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 0020 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 KNNA 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	4
KCNA	0120	Patient Care, Long-Term Clinical	16
KCNA	0140	Patient Care, Acute Care Clinic	12
TOTAL HOURS			126

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 exams. 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 Complete 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) 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	CLOCK HOURS
KBA1 0001 Keyboarding Basics	20
KBA1 0102 Computer Concepts	30
KCMA 0010 Intro Clinical Med. Assist.	20
KCMA 0020 Med. Asep. & Govt. Reg.	20
KCMA 0030 Law/Ethics – Med. Environ	20
KCMA 0040 Psych. & Patient Com.	20
KCMA 0060 Med Office Com	25
KCMA 0070 Tracking Patient Records	20
KCMA 0080 Vital Signs/CPR/First Aid	20
KCMA 0090 Phlebotomy	35
KCMA 0100 Intro to Clinical Lab	20
KCMA 0120 Hematology/Serology	20
KCMA 0130 Microbiology/Urinalysis	20
KCMA 0140 Cardiology Pro w/ECG	30
KCMA 0160 Intro to Insurance Proc.	20
KCMA 0170 Financial Proc./Sched.	20
KCMA 0180 Intro to Assisting w/Exams	20
KCMA 0190 Intro to Pharmacology	30
KCMA 0200 Assist w/Office Proc.	220
KCMA 0220 Therapeutic & Rehab.	20
KCMA 0420 Final Review & Cert Prep	10
KWRK 0400 Workplace Relations	60
KWRK 0515 Job-Seeking Skills	15
KCMA 0430 Med Assisting Externship	165
TOTAL PROGRAM HOURS	900

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) Mantoux 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 0001 Basic Keyboarding	30
KBA1 0102 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 0060 Medical Office Communications	25
KCMA 0070 Tracking Patient Records	20
KCMA 0080 Vital Signs/CPR/First Aid	20
KCMA 0090 Phlebotomy	35
KCMA 0100 Intro to Clinical Lab	20
KCMA 0120 Hematology/Serology	20
KCMA 0130 Microbiology/Urinalysis	20
KCMA 0140 Cardiology Procedures with ECG	30
KWRK 0515 Job-Seeking Skills	15
TOTAL PROGRAM HOURS	335 HOURS

HEALTH INFORMATION 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

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	CLOCK HOURS
KAOS 0110 Beginning Keyboarding	20
KAOS 0120 Keyboard Skill Building I	60
KAOS 0130 Keyboard Skill Building II	40

KAOS	0140	Ten-Key I	30
KAOS	0170	Computer Concepts	30
KAOS	0180	Word Processing I	40
KAOS	0210	Business Communications I	35
KAOS	0250	Customer Service Life Skills	60
KMCB	0110	Medical Filing	15
KMCB	0120	Medical Terminology	30
KMCB	0140	Medical Office Software	70
KMCB	0150	ICD-9 Coding	30
KMCB	0240	Cooperative Externship II	120
KMCB	0250	Medical Office Procedures	40
KWRK	0515	Job-Seeking Skills	15
TOTAL PROGRAM HOURS			635 HOURS

HEALTH UNIT CLERK/COORDINATOR CERTIFICATE OF PROFICIENCY

Instructors: Juliann Olsen; JaNae 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.

COURSE C LOCK HOURS

KCSR	0110	Beginning Keyboarding	12
KCSR	0140	Computer Concepts/Windows	35
KHUC	0190	Health Unit Coordinating	60
KHUC	0210	Cooperative Externship	78
KCSR	0290	Employment Workshop	15
TOTAL HOURS			200

MEDICAL CODING & BILLING CERTIFICATE OF COMPLETION

Professors: DeeAnn Jensen, CPC, CCS-P; Jeanne Noble
Associate Professors: Karl Jorgensen, Sally Williams, CPC
Assistant Professor: Vonadean McFarland
Instructor: Carolyn Perry, CPC
Highland Center, South City Campus

PROGRAM DESCRIPTION

This program prepares students to work in the outpatient medical coding areas of hospitals, larger medical clinics, and doctors' offices. It provides basic clerical training in computer concepts, Internet, e-mail, keyboarding/skill building, word processing, ten-key, medical filing, medical terminology, insurance billing,

medical accounting/patient scheduling software, outpatient coding, and spreadsheets. Emphasis is placed on customer service and life skills.

COURSES			CLOCK HOURS
KAOS	0110	Beginning Keyboarding	20
KAOS	0120	Keyboard Skill Building I	60
KAOS	0150	Ten-Key II	30
KAOS	0170	Computer Concepts	30
KAOS	0180	Word Processing I	40
KAOS	0210	Business Communications I	35
KAOS	0220	Business Communication II	15
KAOS	0250	Customer Service Life Skills	60
KACT	0110	Spreadsheets I	35
KMCB	0110	Medical Filing	15
KMCB	0120	Medical Terminology	30
KMCB	0130	Anatomy	40
KMCB	0140	Medical Office Software	70
KMCB	0150	ICD-9 Coding	30
KMCB	0190	Advanced Medical Coding	120
KMCB	0210	Cooperative Externship I	80
KMCB	0220	Medical Insurance/Pharmacology	40
KMCB	0515	Job-Seeking Skills	15
TOTAL PROGRAM HOURS			765

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			CLOCK HOURS
KBA1	0010	Keyboarding I	60
KBA1	0110	Computer Literacy	90
KBA1	0130	Word Processing App. I	90
KBA1	0510	Business English	90
KBA1	0520	Business Correspondence	90
KMTH	0010	Math I	60
KBA1	0140	Spreadsheet App. I	60
KBA1	0150	Database App. I	60
KMOA	0120	Medical Law & Ethics	60
KMOA	0130	Psychology for Healthcare	30
KMOA	0110	Medical Terminology	60
KMOA	0140	Anatomy & Physiology	120
KMOA	0150	Med Office Procedures I	90
KMOA	0151	Med Office Procedures II	60
KMOA	0152	Med Office Procedures III	120
KMOA	0153	Comp. Medical Office	60
KMOA	0100	First Aid /CPR	30
KWRK	0400	Workplace Relations	60
KWRK	0500	Job Seeking Skills	15
TOTAL CORE HOURS			1305

ELECTIVES: 210 HOURS REQUIRED

KBA1	0150	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 Externship	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 clinical 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) Mantoux 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	0102	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	Vital Signs/CPR/First Aid	20
KCMA	0091	Phlebotomy	35
KCMA	0100	Intro to Clinical Lab	20
KCMA	0120	Hematology/Serology	20
KCMA	0130	Microbiology/Urinalysis	20
KWRK	0515	Job-seeking Skills	15
TOTAL HOURS			315

PHARMACY TECHNICIAN CERTIFICATE OF PROFICIENCY

Instructor: Edgar Cortez
Highland Center

PROGRAM DESCRIPTION

This program will prepare you to become and Licensed and Certified Pharmacy Technician (CPhT). A CPhT performs routine task under the supervision of a pharmacist. They count tablets, label bottles, verify patient's profiles, and affix the correct label and auxiliary labels. Pharmacy Technician also may provide basic over-the-counter (OTC) counseling, prepare insurance claim forms, and stock and take inventory of the prescriptions and

over-the-counter medications. They also may mix medications in unmanufactured strengths, assemble a 24-hour supply of medicine for hospital patients and package and label hospital doses separately. History Department provides a wide variety of courses that range from general surveys to specialized topics. The program goes far beyond an emphasis on coverage and content; each module deals directly and indirectly with the pharmacy program i.e., the practice of interpretation and narration based on the systematic analysis of evidence. Additionally, all regular the section are offerings with the open-entry-open-exit Education designation. This means that this program is also a vehicle for students to broaden their perspectives and deepen their understandings of the pharmacy profession.

PREREQUISITES

Students must be 18 years upon enrollment. A High School Diploma or equivalent is required by employers. Although not required for enrollment, many employers require background checks and drug testing prior to employment.

COURSES			CLOCK HOURS
KPHT	0109	Pharmacy Technician Classes	140
KPHT	0107	Pharmacy Clinical/Externship	180
KWRK	0400	Workplace Relation	60
KWRK	0515	Job Seeking Skills	15
TOTAL HOURS			395

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) Mantoux 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	0102	Basic Computer Skills	30
KCMA	0010	Intro Clinical Medical Assisting	20
KCMA	0020	Med. Asep. & 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	0515	Job Seeking Skills	15
TOTAL PROGRAM HOURS			255

MANUFACTURING TECHNOLOGY

MACHINIST^{CTE} 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 opening 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 blue print reading. Students will learn to operate lathes, mills, and grinders, all the while learning to assess the quality of the projects they produce.

COURSE	CLOCK HOURS
KMAT 0100 Shop Safety	5
KMAT 0150 Work Ethics	5
KMAT 0205 Machine Tools	20
KMAT 0305 Shop Math	30
KMAT 0355 Blue Print Reading	30
KMAT 0405 Metals	30
KMAT 0500 Lathe	100
KMAT 0600 Milling	100
KMAT 0705 Grinding	20
KMAT 0805 Quality Assurance	20
KMAT 0290 Employment Workshop	0-10
PROGRAM TOTAL	360

WELDING^{CTE} 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.

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.)

COURSE	CLOCK HOURS
KWLD 0115 Intro to Welding and Lab Safety	10
KWLD 0125 Oxy-acetylene (OAW)	100
KWLD 0135 Shielded Metal Arc (SMAW)	360
KWLD 0145 Gas Metal Arc (GMAW)	160
KWLD 0165 Blueprint Reading for Welders	100
KWLD 0170 Flux Cored Arc (FCAW)	170
KWLD 0180 Gas Tungsten Arc (GTAW)	140
KWLD 0190 Math for Welders	100
KWLD 0290 Employment Workshop	0-10
TOTAL HOURS	1140

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.

COURSES	CLOCK HOURS
KWEL 0017 Introduction and Safety	15
KWEL 0027 Shielded Metal Arc Weld	30
KWEL 0037 Gas Metal Arc Welding	35
KWEL 0047 Flux Cored Arc Welding	35
KWEL 0057 Gas Tungsten Arc Welding	20
KWEL 0067 Oxy-Acetylene Welding	20
KWEL 0077 Welding Blueprint Reading	15
KWRK 0515 Job-seeking Skills	15
TOTAL HOURS	180

MEDIA & WEB DESIGN TECHNOLOGY

GRAPHIC DESIGNER CERTIFICATE OF COMPLETION

Instructor: Kelly Albers
South City Campus

PROGRAM DESCRIPTION

In the Graphic Designer program students learn to communicate with employees, customer, and other businesses through printed material, websites, electronic presentations, videos and other related media. This program is designed to provide the student with a thorough understanding of the skills and visual literacy needed for employment in the graphic design media industry. The courses will cover visual language, composition, typography, photography, color, and graphic communication. The Graphic Designer program provides comprehensive training in software applications and skills to prepare students for employment requiring design responsibilities in a variety of organizational settings.

COURSES	CLOCK HOURS
KMDT 0020 Graphic Design Applications	90
KMDT 0030 Design Principles	90

KMDT 0310	Image Editing	90
KMDT 0040	Computer Illustration	90
KMDT 0320	Desktop Publishing Applications	90
KMDT 0171	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 0010	Media Design Introduction	90
KMDT 0300	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 with employees, 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 preparation for employment.

COURSES		CLOCK HOURS
KMDT 0010	Media Design Introduction	90
KMDT 1020	Graphic Design Applications	90
KMDT 0031	Design Principles	90
KMDT 0310	Image Editing	90
KMDT 0101	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 0040	Computer Illustration	90
KMDT 0050	Media Ethics and Law	30
KMDT 0111	Web Design Fundamentals	120
KMDT 0120	Web Design Authoring	120
KMDT 1140	Web Design Animation	90
KMDT 0171	Electronic Portfolio	90
KMDT 0205	Interactive Media Scripting	90
KMDT 0210	Web Developer Final Project	90
KMDT 0220	Web Programming Introduction	90
KMDT 0230	Web Applications Scripting I	120
KMDT 1240	Web Applications Scripting II	120
KMDT 0300	Desktop Publishing Fundamentals	90
KMDT 0320	Desktop Publishing Applications	90
KMDT 0520	Video Production I	90
KMDT 0530	Video Production II	90
TOTAL HOURS:		1,275

WEB PROGRAMMER CERTIFICATE OF COMPLETION

Instructor: Kelly Albers
South City Campus

PROGRAM DESCRIPTION

The Web Programmer program covers basic and advanced scripting and programming skills needed to create web sites and ap-

plications that are dynamic, data-driven, and interactive. The courses include techniques to build web sites that ensure functionality, security, and ease of use. Instruction includes debugging, validating, cookies, sessions, server and client-side issues. The Web Programmer certificate is designed to provide the student with comprehensive training in scripting, software applications, and skills to prepare the student for employment doing web programming tasks in a variety of organizational settings.

COURSES		CLOCK HOURS
KMDT 0311	Image Editing	90
KMDT 0111	Web Design Fundamentals	120
KMDT 0140	Web Design Animation	90
KMDT 0205	Interactive Media Scripting	90
KMDT 0240	Web App Scripting II	120
KMDT 0171	Electronic Portfolio	90
KWRK 0515	Job-seeking Skills	15

CHOOSE AT LEAST 120 HOURS

KBA1 0110	Computer Literacy	90
KMDT 0100	Design & Internet Tech	90
KMDT 0120	Web Design Authoring	120
KMDT 0220	Web Programming Intro	90
KMDT 0010	Media Design Introduction	90
TOTAL HOURS:		735

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		CLOCK HOURS
KMDT 1020	Graphic Design App.	90
KMDT 0031	Design Principles	90
KMDT 0310	Image Editing	90
KMDT 0120	Web Design Authoring	120
KMDT 1140	Web Design Animation	90
KMDT 0171	Electronic Portfolio	90
KWRK 0515	Job-seeking Skills	15

ELECTIVES: CHOOSE AT LEAST 90 HOURS

KBA1 0110	Computer Literacy	90
MDT 0111	Web Design Fund.	120
KMDT 0040	Computer Illustration	90
KMDT 0205	Interactive Media Scripting	90
KMDT 0010	Media Design Introduction	90
TOTAL HOURS:		675

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	CLOCK HOURS
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	CLOCK HOURS
KPDR 0400 Log Books/Map Reading	8
KPDR 0410 Life Skills for Drivers	8
KPDR 0240 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.

- 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.
- Electrical theory and lab exercises provide essential building code and troubleshooting training specific to the HVACR industry.
- 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.
- 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.
- 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 HVAC 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 Safety Association (COSA) thru ESCO Institute: Carbon Monoxide and Combustion Safety (COSA) certification (optional depending on electives)
- Green Mechanical Council (GMC) thru ESCO Institute: Green Mechanical Awareness (GMC) certification (optional)
- EPA 608 (Chloro-Floro-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)

COURSE	CLOCK HOURS
KACC 0100 Safety Fundamentals	20
KACC 0105 Green Energy Systems	40
KACC 0200 Fundamentals of Electricity	180

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

ELECTIVES (CHOOSE TWO)

KACC 0400 Light Commercial HVAC Systems	80
KACC 0420 Commercial HVAC Systems	80
KACC 0440 Commercial Heat/Refrigeration	80
KACC 0290 Employment Workshop	0-10

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
KATO 0010 Introduction and Safety	30
KATO 0111 Practical Shop Applications	80
KATO 0141 Technical Essentials	90
KATO 0151 Preventative Maint & Service I	130
KATO 0510 Electrical/Electronics I	60
KATO 0521 Electrical/Electronics II	50
KATO 0531 Electrical/Electronics III	180
KATO 0102 Basic Comp. Skills	30
KATO 0020 Math for Automotive Techs	60
KATO 0400 Workplace Relations	60
KATO 0515 Job-seeking Skills	15
TOTAL HOURS	785

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.

COURSES			CLOCK HOURS
KATO	0010	Introduction and Safety	30
KATO	0111	Practical Shop Applications	80
KATO	0141	Technical Essentials	90
KATO	0151	Preventative Maint & Service I	130
KATO	0510	Electrical/Electronics I	60
KATO	0521	Electrical/Electronics II	50
KATO	0531	Electrical/Electronics III	180
KATO	0041	Brake Systems I	50
KATO	0311	Brake Systems II	50
KATO	0321	Brake Systems III	50
KATO	0031	Steering and Suspension I	40
KATO	0211	Steering and Suspension II	70
KATO	0221	Steering and Suspension III	70
KATO	0611	Engine Performance I	90
KATO	0621	Engine Performance II	270
KBA1	0102	Basic Comp Skills – Prof	30
KATO	0020	Math for Automotive Techs	60
KWRK	0400	Workplace Relations	60
KWRK	0515	Job Seeking Skills	15
TOTAL HOURS			1515

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	0151	Preventative Maint & Service I	130
KATO	0041	Brake Systems I	50
KATO	0311	Brake Systems II	50
KATO	0321	Brake Systems III	50
KATO	0031	Steering and Suspension I	40
KATO	0211	Steering and Suspension II	70
KATO	0221	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	0515	Job Seeking Skills	15
TOTAL HOURS			775

HEAVY DUTY DIESEL MAINTENANCE TECHNICIAN CERTIFICATE OF PROFICIENCY

Meadowbrook Campus

PROGRAM DESCRIPTION

The Heavy Duty Diesel Maintenance program prepares student for entry-level positions in diesel equipment service and repair shops. Students learn basic safety and shop skills to perform preventive maintenances and inspections, repair different brake systems, and adjust and maintain suspension and steering systems. Students are required to learn basic computer and math skills need 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	0515	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	Preventative 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	0150	Customer Service/Life Skills	60
KWRK	0515	Job Seeking Skills	15
TOTAL HOURS			1065

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 freshman (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.)

ACCT	ACCOUNTING
ACR	AUTO COLLISION REPAIR
ADP	ADMINISTRATIVE PROFESSIONAL
AERO	AEROSPACE (AIR FORCE ROTC)
AMTT	AVIATION MAINTENANCE TECHNICIAN
ANTH	ANTHROPOLOGY
APPR	APPRENTICESHIP
AR	AUTO REPAIR
ARB	ARABIC
ARCH	ARCHITECTURAL TECHNOLOGY
ART	VISUAL ART AND DESIGN
ARTH	ART HISTORY
ASLI	AMERICAN SIGN LANGUAGE/INTERPRETING
AUTO	AUTOMOTIVE TECHNICIAN
BCCM	BUILDING CONSTRUCTION/ CONSTRUCTION MANAGEMENT
BIOL	BIOLOGY
BLA	BRICK MASON/APPRENTICESHIP
BMAN	BIOMANUFACTURING
BRC	BARBERING/COSMETOLOGY
BTEC	BIOTECHNOLOGY
BUS	BUSINESS
CEEN	CIVIL/ENVIRONMENTAL ENGINEERING
CHE	CHEMICAL ENGINEERING
CHEF	CULINARY ARTS
CHEM	CHEMISTRY
CHI	CHINESE
CIS	COMPUTER INFORMATION SYSTEMS
CJ	CRIMINAL JUSTICE
CMA	CEMENT MASONS JATC/APPRENTICESHIP
COMM	COMMUNICATION
CPA	CARPENTRY JATC/APPRENTICESHIP
CPE	COMPUTER ENGINEERING
CPI	CARPENTRY INDEPENDENT TECHNOLOGY/ APPRENTICESHIP
CS	COMPUTER SCIENCE
CTEL	CTE LEADERSHIP
DANC	DANCE
DE	DEVELOPMENTAL EDUCATION
DENA	DENTAL ASSISTING
DH	DENTAL HYGIENE
DIAL	DIALYSIS TECHNICIAN
DISP	AIRCRAFT DISPATCHER
DMS	DIAGNOSTIC MEDICAL SONOGRAPHY
DST	DIESEL SYSTEMS TECHNOLOGY
DSTA	DIESEL SYSTEMS TECHNOLOGY APPRENTICESHIP
EBT	e-BUSINESS TECHNOLOGY
ECON	ECONOMICS
EDDT	ENGINEERING DESIGN/DRAFTING TECHNOLOGY

EDU	EDUCATION
EE	ELECTRICAL ENGINEERING
EGMT	ENERGY MANAGEMENT
EIT	ELECTRONICS AND INSTRUMENTATION
ELEC	ELECTRICITY (SEE ELECTRICAL TECHNOLOGY)
ELET	ELECTRONICS TECHNOLOGY
ELI	ELECTRICAL INDEPENDENT/APPRENTICESHIP
ELTA	ELECTRONICS/APPRENTICESHIP
ENGL	ENGLISH
ENGR	ENGINEERING
ENVT	ENVIRONMENTAL TECHNOLOGY
ESL	ENGLISH-AS-A-SECOND LANGUAGE (LEVEL 4)
EST	ESTHETICS
ETHS	ETHNIC STUDIES, SEE ALSO SW, SOCIAL WORK
EVNT	EVENT MANAGEMENT
FA	FINE ARTS
FASH	FASHION INSTITUTE
FHS	FAMILY AND HUMAN STUDIES
FIN	FINANCE AND CREDIT
FMTA	FACILITIES MAINTENANCE TECHNICIAN/ APPRENTICESHIP
FLM	FILM
FRN	FRENCH
GCMT	GOLF COURSE MANAGEMENT
GEN	GENEALOGY
GEO	GEOLOGY
GEOG	GEOGRAPHY
GER	GERMAN
GIS	GEOGRAPHIC INFORMATION SCIENCE
HIST	HISTORY
HLAC	HEALTH AND LIFETIME ACTIVITIES
HLTH	HEALTH
HSPA	HOSPITALITY AND TOURISM
HSS	HUMAN SERVICES SPECIALIST
HUMA	HUMANITIES
HVAC	HEATING, VENTILATION, AND AIR-CONDITIONING; SEE ALSO HEATING, COOLING, AND REFRIGERATION/APPRENTICESHIP AND KACC
IND	INDUSTRY
INSR	GENERAL INSURANCE
INST	INSTRUMENTATION
INTD	INTERIOR DESIGN
INTL	INTERNATIONAL CULTURE
ISA	IRONWORKERS JATC/APPRENTICESHIP
ITL	ITALIAN
JPN	JAPANESE
JRN	JOURNALISM
KABM	ABE-MATH
KABR	ABE-READING
KACC	AIR CONDITIONING/HEATING/REFRIGERATION
KACK	ACCOUNTING CLERK
KALL	INTEGRATED LEARNING LAB
KBHR	BASIC HEALTH RECORDS
KBRK	PRE-APPRENTICESHIP BRICK/BLOCK MASON

KCBS COMPUTER BASICS
KCDL CDL LEARNER'S PERMIT TEST PREPARATION
KCMS COMPUTER SUPPORT SPECIALIST
 (A+ CERTIFICATION)
KCSR CUSTOMER SERVICE/RECEPTIONIST
KDFO DENTAL FRONT OFFICE
KDST DIESEL SYSTEMS TECHNOLOGY
KELA ELECTRONICS ASSEMBLY TECHNICIAN
KEMA ELECTROMECHANICAL ASSEMBLY TECH
KESL ENGLISH AS A SECOND LANGUAGE (LEVELS 1-3)
KET2 ELECTRONICS TECHNICIAN
KFLT FORKLIFT TRAINING
KGED GED TEST PREPARATION
KHUC HEALTH UNIT CLERK/COORDINATOR
KLNA NETWORK ADMINISTRATOR
KMAT MACHINIST
KMBC MEDICAL CODING & BILLING
KMCP MEDICAL CODING PROCEDURES
KMNA NETWORK ADMINISTRATOR (MCITPSA)
KNEG NETWORK ENGINEER
KNRS CERTIFIED NURSE ASSISTANT
KOFC OFFICE CLERK
KOLL OPEN LEARNING LAB
KPDR PROFESSIONAL TRUCK DRIVING
KRTW READY TO WORK
KSSA SOCIAL/HUMAN SERVICES ASSISTANT
KWLD WELDING

LAND LANDSCAPE/APPRENTICESHIP
LE LEARNING ENHANCEMENT
LIS LIBRARY & INFORMATION SCIENCE
LOG LOGISTICS MANAGEMENT

MA MEDICAL ASSISTANT
MCCT MACHINING CAD/CAM TECHNOLOGY
MATH MATHEMATICS
MEEN MECHANICAL ENGINEERING
MET METEOROLOGY
MGT MANAGEMENT
MKTG MARKETING
MLS MILITARY SCIENCE (ARMY ROTC)
MORT MORTUARY SCIENCE
MOTO MOTORCYCLE/OUTDOOR PWR EQUIP TECH
MSE MATERIALS SCIENCE ENGINEERING
MUSC MUSIC

NAV NAVAJO
NDT NON-DESTRUCTIVE TESTING TECHNOLOGY
NSG NURSING

OTA OCCUPATIONAL THERAPY ASSISTANT

PED PARAEDUCATION
PFA PLUMBER/PIPEFITTER JATC/APPRENTICESHIP
PHAR PHARMACY TECHNICIAN
PHIL PHILOSOPHY
PHYS PHYSICS
PILT AVIATION TECHNOLOGY/PROFESSIONAL PILOT
PLI PLUMBING INDEPENDENT/APPRENTICESHIP
PLS PARALEGAL STUDIES

POLS POLITICAL SCIENCE
POR PORTUGUESE
PSY PSYCHOLOGY
PTA PHYSICAL THERAPIST ASSISTANT

RADS RADIOLOGIC TECHNOLOGY
RDG READING
RFA REFRIGERATION/APPRENTICESHIP
ROPE ROPEWAY TECH
ROTC (SEE MLS OR AERO)
RUS RUSSIAN

SAM SAMOAN
SCI SCIENCE
SHA STAGEHANDS JATC/APPRENTICESHIP
SOC SOCIOLOGY
SPN SPANISH
SURG SURGICAL TECHNOLOGY
SVT SURVEYING
SW SOCIAL WORK

TECH TECHNOLOGY
TED TEACHER EDUCATION
THEA THEATER
TNG TONGAN
TRVL TRAVEL PLANNER

VET VETERINARIAN TECHNOLOGY
VOC VOCATIONAL

WLD WELDING
WRTG WRITING

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 2010); 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-order 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 SLCC training and industry experience. Industry specific training for Collision Repair Technicians.

ACR 1200 STRUCTURAL ANALYSIS/DAMAGE REPAIR 5 CR.
Prereq: 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 2011. This course examines various Air Force standards, customs and courtesies. Drill and ceremonies leadership, introduction to review and honors also are discussed.

AMTT 1120 AIRCRAFT REGULATIONS 8 CR.
Prereq: Must be taken with AMTT 1140 when available. Theory and practical application of maintenance forms and records, maintenance publications, fluid lines and fittings, mechanic privileges and limitations, cleaning and corrosion control, weight and balance, and aircraft drawings.

AMTT 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.

AMTT 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.

AMTT 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.

AMTT 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.

AMTT 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.

AMTT 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 reverser systems, engine fire protection, and engine cooling.

AMTT 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.

AMTT 2420 RECIPROCATING ENGINES 8 CR.
Prereq: AMTT 1120, AMTT 1140. Theory and practical application of reciprocating engines, and propellers.

AMTT 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, unducted fans, auxiliary power plants, and engine inspection.

AMTT 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 & other 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, recordation and fieldwork organization.

APPR 1470 MATH FOR THE TRADES (QS) 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 1100 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: plats, 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 1310. 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 1130 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 2220. 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, w/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 1100 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 2510. 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, medias, 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 bookmaking 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 (QS) 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 will 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 1050. 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 1050 or ART 1310 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 INTERMED. PHOTOSHOP/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 class 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, gesture and 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 instr. 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.

Prereq: ART 1340 and ART 1380. Apply photo studio environment to create images of still-life, product, portrait, & location. Emphasis on light theory, lighting equipment, all camera formats. Refine exposure of digital and film image capture.

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 1050 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 PHOTOGRAPHING PEOPLE/PORTRAIT. 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.

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 Premier. Video design, planning, equipment and terminology will be presented.

ART 2480 COMPUTER ILLUSTRATION 2 CR.

Prereq: ART 1800. Students use drawing & 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.

ART 2490 ADV. STUDIES IN COMP. GRAPHICS 2 CR.

Prereq: Instructor's approval. This course continues all work begun in other computer graphics classes. Students pursue their own direction in the production of finished projects.

ART 2520 ADVANCED DRAWING 2 CR.

Prereq: ART 1110 or instructor's approval. Build on knowledge of proportion, line, value and shape. Expressive and imaginative interpretation are encouraged. Textural explorations, symbolic content in drawings and rapid drawing exercises are areas of skills developed.

ART 2530 ADVANCED PAINTING - WATERCOLOR 3 CR.

Prereq: ART 1530 or portfolio review by instructor. A continuation of ART 1530. 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.

ART 2540 ADVANCED PAINTING - OIL 3 CR.

Prereq: ART 1540. A continuation of beginning oil. Further development of oil painting techniques. Composition and color are emphasized.

ART 2560 FIGURE PAINTING 3 CR.

Prereq: ART 1110 and ART 1260 or instructor approval. 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.

ART 2610 MULTIMEDIA AUTHORING 2 CR.

Prereq: ART 2440. This is a continuation of ART 2440. Flash and Dreamweaver software will be introduced and used to design and prepare Web pages.

ART 2630 3D ANIMATION (3D MAX) 5 CR.

Prereq: ART 1810 or instructor approval. 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.

ART 2631 3D ANIMATION (MAYA) 5 CR.

Prereq: ART 1810 or instructor approval. Maya 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.

ART 2640 3D ANIMATION II (3-D MAX) 2 CR.

Prereq: ART 2630. A continuation of ART 2630. 3D Studio Max software is used to create models and animation for the film and gaming industries. Complex surface modeling techniques, special effects materials/skeletal animation techniques emphasized.

ART 2641 3D ANIMATION II (MAYA) 2 CR.

Prereq: ART 2631 or instructor approval. Industry standard software Maya is used to create models and animation for the film/gaming industries. Emphasis: working in a production atmosphere to create high-quality digital art. Complex, surface modeling techniques, special effects, materials, & skeletal-animation techniques will be emphasized.

ART 2650 MULTIMEDIA PRODUCTION 3 CR.

Prereq: ART 1810 or instructor approval. Popular software (Director) is learned to produce interactive multi-media projects delivered onto CD ROM.

ART 2670 ANIMATION III DIGITAL STUDIO 3 CR.

Prereq: ART 1670 and approval. 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.

ART 2900 VISUAL ART AND DESIGN SEMINAR 1 - 3 CR.

Prereq: Instructor's approval. Students may elect to participate in visual arts seminars and workshops, which may include travel. There may be additional costs.

ART 2910 PHOTO FIELD TRIP WORKSHOP 3 CR.

Prereq: Instructor approval. 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 Reflectional Journal.

ART 2940 SPECIAL TOPICS IN DESIGN 1 - 6 CR.

Prereq: Instructor approval. 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.

ART 2950 SPECIAL TOPICS IN ILLUSTRATION 1 - 6 CR.

Prereq: instructor approval. 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.

ART 2960 SPECIAL TOPICS IN ANIMATION 1 - 6 CR.

Prereq: instructor approval. This course allows animation majors to learn special skills, hone specific skills, learn new software or explore special animation topics in a classroom setting.

ART 2970 SPECIAL TOPICS IN PHOTOGRAPHY 1 - 6 CR.

Prereq: instructor approval. 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.

ART 2980 SPECIAL TOPICS IN MULTIMEDIA 1 - 6 CR.

Prereq: instructor approval. 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.

ART 2990 ADVANCED INDEPENDENT STUDIES 1 - 3 CR.

Prereq: instructor approval. 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 & permission.

ARTH 2520 LATIN AMERICAN ART TO 1821(HU) 3 CR.

Examines visual art from Prehistory to Colonial-era Latin America. 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.

ARTH 2640 ASIAN ART: BUDDHIST ART 3 CR.

Examines the artistic traditions of Buddhism. 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.

ARTH 2520 LATIN AMERICAN ART TO 1821 (HU) 3 CR.

Examines visual art from Prehistory to Colonial-era Latin America. 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.

ARTH 2640 ASIAN ART: BUDDHIST ART 3 CR.

Examines the artistic traditions of Buddhism. 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.

ARTH 2700 ASIAN ART: JAPAN 3 CR.

Course focuses on the artistic and cultural traditions of Japan, beginning with the prehistoric Jomon era and continuing to the present.

ARTH 2710 ART HISTORY: PREHISTORY-RENAISSANCE (HU) 3 CR.

An examination of visual art forms from Prehistory to the European Renaissance. Emphasis: developing a comparative understanding of a variety of works (including painting, sculpture, & architecture) from different cultures in context.

ARTH 2720 ART HISTORY: RENAISSANCE-CONTEMPORARY (HU) 3 CR.

An examination of the visual art forms created from the period of the Renaissance to the Contemporary era. The study focuses on the aesthetic, cultural, & psychological factors that shape the changes in artistic expressions through time.

ASLI 1010 BEG. AMERICAN SIGN LANGUAGE I 5 CR.

Students are introduced to basic ASL skill, including conversation strategies, spatial referencing and facial expression. Awareness of Deaf culture is also included. Lab attendance is required.

ASLI 1020 BEG. AM. SIGN LANGUAGE II (LN) 5 CR.

Prereq: ASLI 1010. Students continue to develop basic ASL skills including classifiers, temporal sequencing, spatial agreement and object identification through description. Study of Deaf culture is continued. Lab attendance is required.

ASLI 1200 INTRODUCTION TO INTERPRETING 3 CR.

Prereq: ASLI 1020, with ASLI 1220, 1300 & 2010. 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.

ASLI 1220 COGNITION/DISDISCOURSE ANALYSIS 3 CR.

Prereq: ASLI 1020, with ASLI 1200, 1300, & 2010. Students learn cognitive processing skills 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 increasing 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 increasing 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 2200, 2250, & 2300. Students learn the interpreter role in mainstream education and recognize the effect 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 2200, 2220, 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 & 1300, if ITP, with ASLI 2200, 2220, & 2250. 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 2400. 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 ELEC. & 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 AUTOMOTIVE 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.

Prereq: AUTO 1110, AUTO 1111, AUTO 1210, AUTO 1211, concurrent with AUTO 1213. An advanced level course in Engine Performance Diagnostics, Troubleshooting, Testing and Repair.

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/trans-axles and final drive components, diagnosis and service and repair.

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 & TRANSAXLES 2 CR.

Prereq: Concurrent with AUTO 1223. The student will understand automatic transmissions/ transaxles components, diagnosis and service and repair.

AUTO 1223 AUTO TRANS & TRANSAXLES 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 1010 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 (QS) 3 CR.

This is a course in mathematical operations and their practical application to solving trade problems. Percents, 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 7 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 in 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 extensions 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, 2325, 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, 2325, 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 2990 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 1015. 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 1015) 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 1035) required.

BIOL 1035 INTRODUCTION TO PLANT BIOL. LAB (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 1055) required.

BIOL 1055 INTRODUCTION TO ANIMAL BIOL. LAB (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 1075) required.

BIOL 1075 INTRODUCTION TO MARINE BIOL. LAB (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 inter-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 genes-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 0990 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 1615) 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 experimentation 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 1625) required.

BIOL 1625 COLLEGE BIOLOGY II LABORATORY 0 CR.
Prereq: Concurrent with BIOL 1620. Required as lab portion of BIOL 1620. Laboratory observation and experimentation 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 2025) 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 2035) 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 and 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 2065) 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, & biogeography. Three hours of lecture per week and additional lab component (BIOL 2225) 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- analysis. Three hours of lecture per week and additional lab component (BIOL 2325) 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 environments and 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 biotechnology 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, shampoos, scalp and hair treatments, men's/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, shampoos, 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 shampoos, styling, coloring, perms, chemical relaxing, cuts, shaves, tapers, manicures, pedicures, facials, etc.

BRC 1202 INTRODUCTION TO BARBERING/COSMETOLOGY LAB II 3 CR.
Prereq: BRC 1102, Concurrent with BRC 1201 and BRC 1210. The second of two labs taken concurrently. Practice & experience in styling, care, shampoos, coloring, perms, chemical relaxing, cutting, shaves, 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, permanent waving, chemical relaxing, cutting, shaves, tapers, manicures, pedicures, facials, and 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 2310. The first of two labs taken concurrently. Cont'd 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 2310. The second of two labs to be taken concurrently. Cont'd practical experience with shampoos, scalp treatments, manicures, haircuts, 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 BRC 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 BRC 2410. Practical application of haircutting, hair styling, perms, coloring, hair lightening, shampoo and conditioning, chemical relaxing, manicures, scalp treatments, and esthetics on manikins and clientele.

BRC 2410 BARBERING/COSMETOLOGY STATE BOARD PREP 4 CR.
Prereq: BRC 2310. 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 1202, BRC 1210. 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 1100, 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 1100, 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 w/C grade or better in both. This course is an early hands-on research experience in which students conduct mentored 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 a 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 1080 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 compatible 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 CRAFT 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 CRAFT 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 CRAFT 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 CRAFT LABORER 2B 5 CR.
Prereq: CCLA 1210. This course provides a basic understanding of iron-working, 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 reoccurrence 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 NIC 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 linguistics, 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 0900 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 12 HRS.

Class for any owner, manager or officer of a small business. Covers 4 essential financial statements 5 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.

Learn about withholding income for federal/state taxes, social security, worker's compensation insurance and unemployment compensation. Completing employment tax forms and depositing taxes. Presented by IRS, Tax commission, Workforce Services, and Labor Commission.

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.

Offers help for business owners to 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.

CECD 0303 AUTODESK REVIT MEP-ELECTRICAL 12 HRS.
Revit MEP basics-specific to electrical.

CECD 0400 AUTOCAD I 24 HRS.
Over 70 percent of the 2D drafting commands are covered. Draw, edit, construct and display drawings. Learn to use layering, dimensioning and text to create simple drawings with notes and title blocks. Finally, plot these drawings.

CECD 0410 AUTOCAD LT ESSENTIALS 24 HRS.
Teaching the features, commands and techniques for creating, editing and printing drawing with AutoCAD LT. Topics include annotation, hatching, dimensioning, layers and line types and working with reusable content.

CECD 0500 AUTOCAD II 24 HRS.
Increase efficiency by using blocks, attributes, xrefs and paper/model space. Learn dimensioning variables, dimension styles, grips, hatching and splined curves. Learn to import and export data with AutoCAD.

CECD 0610 AUTOCAD 2002 UPDATE 8 HRS.
One day workshop covering new features of AutoCAD 2002.

CECD 0620 TRANSITIONING FROM AUTOCAD 2002 12 HRS.
This course will introduce the student to the significant changes in AutoCAD from AutoCAD 2002 to AutoCAD 2006.

CECD 0700 AUTO LISP 24 HRS.
This course teaches you how to use proper syntax and functions to create programs that will streamline your drawing process. Become more productive with Auto LISP.

CECD 0730 AUTODESK CIVIL 3D 24 HRS.
Students learn to create and edit points, alignments, and profiles, and to create and analyze surface data. They will perform corridor modeling, create subassemblies and cross-sections, and perform grading operations.

CECD 0830 ARCHITECTURAL DESKTOP I 24 HRS.
Learn how to use new tools for mass modeling, space planning, grid layout, object anchoring and presentation. Learn to create and manipulate intelligent 3D wall, door, window, stair and roof objects and much more.

CECD 0840 LAND DEVELOPMENT DESKTOP I 24 HRS.
Covers Autodesk's Land Development Desktop software in detail. Topics include coordinate geometry, editing surfaces site analysis, parcel layout and design and horizontal alignments. Learn the project mgt and interface tools.

CECD 0880 SOLIDWORKS 0 TO 50 HRS.
3D CAD solution providing data management and communication tools.

CECD 0890 AUTODESK INVENTOR LEVEL I 24 HRS.
Learn to create, edit, document, print, analyze, dimension and produce 2D sketches and 3D parametric parts and assemblies. Also learn basic 3D modeling techniques and become familiar with Inventor's Design Support System.

CECD 0905 AUTOCAD ELECTRICAL 8 HRS.
Students will learn the important features of AutoCAD Electrical, building schematics, panels and circuits reusing circuit and component information, customizing components, preparing reports from schematics.

CECT 0010 LEED: CONSTRUCTION & DESIGN 0 TO 20 HRS.
Overview of LEED principles & the LEED rating system used to measure and certify buildings that employ green building principles in their construction and design.

CECT 0020 MECHANICS' LIENS IN UTAH 0 TO 20 HRS.
Overview of mechanic's lien laws to help contractors & suppliers become more familiar with current laws in Utah. Learn the steps you need to take to help protect your lien rights.

CECT 0030 CONSTRUCTION INSURANCE ISSUES 0 TO 20 HRS.
This presentation will help contractors & material suppliers become more familiar with what their insurance policy may or may not cover and how they can best protect themselves in the event misfortune occurs as a result of their work.

CECT 0040 LITIGATING CONSTRUCTION CASES 0 TO 20 HRS.
Litigation in construction cases is the focus. Pros & cons of alternative dispute resolution and the expense associated with litigation will be covered. Includes tips to avoid litigation in the future.

CECT 0050 CONSTRUCTION CONTRACTS IN UTAH 0 TO 20 HRS.
Explore several common provisions in contracts and discuss how Utah law may enhance or modify provisions. Topics include: indemnification, alternate dispute resolution, prompt payment & attorney fees.

CECT 0060 AIA/CONSENSUS DOCS 0 TO 20 HRS.
AIA A201 form and the new Consensus DOCS contracts endorsed by the Assn. of General Contractors will be discussed. Recent changes along with suggestions for usage will be presented.

CECT 0070 ADVANCED LEED TOPICS 0 TO 20 HRS.
Course focuses on green building and energy conservation issues as taught by an expert in energy conservation building and contractor issues.

CECT 0080 CONSTRUCTION LAW UPDATES 0 TO 20 HRS.
Overview of how recent changes to laws by the Utah Legislature and the impact on a Contractor's business. Review of regulations as they pertain to construction trades & how court decisions have impacted Utah contractors.

CECT 0090 INTERNATIONAL BLDG CODE/COMMRCIAL BLDGS 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 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 I 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 auto format, auto correct, auto text, find/ replace, view, charts/diagrams, 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 MGT/PIVOT 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-2's, 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 if statements to calculations 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 users/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 18 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 0 TO 20 HRS.

Tasks include creating basic charts, customizing presentations, editing 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 1010. 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 2010 STATICS 3 CR.
Prereq: MATH 1210, PHYS 2210. Principles of forces, moments & couples, resultant & static equilibrium of general force systems, statically equivalent systems, center of gravity & pressure, friction, free body method of analysis. Principles applied to engineering problems.

CEEN 2020 DYNAMICS I 2 CR.
Prereq: CEEN 2010, MATH 1220. 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 2010, 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 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.
Teachers will understand 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 0101 LITERACY/LANG IN CHILDHOOD ED 5 HRS.
Teachers will learn the basic principles of literacy and learning. They will be given the tools to implement literacy and language in their curriculum planning.

CEEU 0102 MATH/SCIENCE EARLY CHILDHOOD 5 HRS.
Teachers will understand developmentally appropriate math and science concepts for young children. They will learn ways to plan and integrate math and science into curriculum.

CEEU 0103 PROJECT APPROACH 0 TO 5 HRS.
Class 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 learner.

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 how to save money, time and stop living on take out.

CEHW 0600 OPERATION WELLNESS 8 HRS.
Learn what the latest research is about health and wellness. Topics include nutrition, exercise, stress, willpower, increasing longevity, preventing diabetes, heart disease and improving quality of life.

CEHW 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.

CEHW 0602 NUTRITION: HOW SAVVY ARE YOU? 1 HRS.
Nutrition Quiz

CEHW 0603 DON'T END UP W/BROKEN HEART 1 HRS.
Heart Health Checklist Managing Stress

CEHW 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?

CEHW 0605 FATS: GOOD, BAD AND UGLY 1 HRS.
The different types of fat. How to maximize the good and minimize the ugly.

COURSE DESCRIPTIONS

CEHW 0606 FABULOUS FIBER/SINISTER SUGAR 1 HRS.
How much is enough? Ollie, Ollie Oxen Free Come 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 student 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 R395-302-28 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.

CEIP 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.

CEIP 0013 TIERED LICENSING 2ND LEVEL 2 HRS.
Motorcycle testing for the driving skills for 650 CC or larger.

CEIP 0014 MOTORCYCLE RIDER SAFETY COURSE 18 HRS.
Motorcycle rider training, basic riding skills for Utah state driver's license riding test waivers.

CEIP 0015 BRC RESCHEDULE 18 HRS.
BRC reschedule for makeups.

CEIP 0016 CITIZENS FIREARMS 16 HRS.
Fulfills training for concealed carry permit and bail enforcement agent firearms training for the State of Utah.

CEIP 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.

CEIP 0024 MOTORCYCLE RIDER COURSE RETAKE 18 HRS.
This course is for students needing additional elementary motorcycle rider training.

CEIP 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.

CEIP 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.

CEIP 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.
12 weeks. Must be 18 years old. CPR certification available. Treatment of medical emergencies, trauma injuries, shock treatment, bleeding, illness, bandaging, splinting, taking vital signs. Utah certifiable. Cross listed as HLTH 2300.

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 constable service. Cross listed as CJ 1910.

CEIP 0920 PEACE OFFICER BASIC 396 HRS.
Prereq: Must complete CEIP 0910. Module II 19 weeks. Law Enforcement Certification. Cross listed as CJ 1920.

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: TTL 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 techniques for communication.

CEMG 0038 HIGH SPEED PROJECT MGMNT 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, skimpy 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 0065 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 957-3107 for a registration form or download from:
www.slcc.edu/schools/cce/dce/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. Student will be taught how to read ladder logic and RMP specific blueprints, and troubleshoot faulted 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 SCRUMPTIOUS VEGETARIAN PASTAS 2 HRS.
Scrumptious sauces to temp 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 0800 INTRODUCTION TO FAMILY CHILD CARE 0 TO 100 HRS.
An introduction to the profession of family child 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.

CEPL 0001 CLA EXAM PREPARATION WORKSHOP 45 HRS.
An intense workshop designed to assist qualified paralegals with developing 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 advertising, 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. Operations, 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 improvements through change. Issues and problems in communication. Purpose of this course and relationships to each participant.

CEPW 0008 CUSTOMER SERVICE 3 HRS.
Customer service mission statement of the Olympic Parks, basics, behaviors, 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 anxiety, 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 FUNDMNTL 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.

CEST 0110 APPLIED EMISSIONS 32 HRS.
Prerequisite for the Salt Lake County course.

CEST 0120 UHP LIGHT DUTY INSPECTION 16 HRS.
Passenger, light truck safety inspection for Utah Highway Patrol.

CEST 0130 UHP HEAVY DUTY INSPECTION 16 HRS.
Truck, trailer and bus safety inspection for Utah Highway Patrol.

CEST 0301 REVIT MEP 0 TO 50 HRS.
Building information modeling and the tools for parametric MEP systems design and documentation using Autodesk Revit MEP.

CEST 0302 AUTODESK REVIT MEP-HVAC/PLUMB 24 HRS.
Revit MEP basic specific to HVAC/Plumbing.

CEST 0303 AUTODESK REVIT MEP/ELECTRICAL 12 HRS.
Revit MEP basics, specific to electrical.

CEST 0400 AUTOCAD I 24 HRS.
Over 70 percent of the 2D drafting commands is covered. Draw, edit, construct and display drawings. Learn to use layering, dimensioning and text to create simple drawings with notes and title blocks. Finally plot these drawings.

CEST 0501 AUTOCAD II 24 HRS.
AutoCAD Intermediate.

CEST 0800 AUTODESK REVIT ARCHITECTURE 24 HRS.
Learn the tools to create, document and print a parametric building design model.

CEST 0880 SOLIDWORKS 32 HRS.
3D CAD solution providing data management and communication tools.

CEST 0890 AUTODESK 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/OPERATE 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 Hardware 1 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.x 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. Writerrific 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 RESUMÉ 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 FasType 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 WRITERIFIC 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 10 24 HRS.

Make the points you want to make by converting raw database or accounting information into impressive and meaningful reports.

CETG 0303 RESEARCH METHODS FOR WRITERS	24 HRS.	CETG 0342 INTRODUCTION TO PC SECURITY	24 HRS.
Learn the most efficient and effective methods to conduct research for any writing project.		Security expert teaches the fundamentals of PC and network security.	
CETG 0305 SECRETS OF THE CATERER	24 HRS.	CETG 0346 INTRODUCTION TO PHP AND MYSQL	24 HRS.
Learn cooking and business secrets from a professional caterer.		Learn to build dynamic, data-driven Web site using two of the most popular technologies available: PHP and My SQL.	
CETG 0307 REAL ESTATE INVESTING	24 HRS.	CETG 0347 MAKING MOVIES WITH XP	24 HRS.
Build and protect your wealth by investing in real estate.		Turn your home videos into entertaining movies that you can share with others by e-mail, the Web, CD and DVD.	
CETG 0308 INTERMEDIATE ORACLE	24 HRS.	CETG 0348 INTRODUCTION TO MICROSOFT FRONTPAGE	24 HRS.
Learn how to write powerful and flexible PL/SQL programs.		Find out how FrontPage makes it easy to create and upload professional Web sites without programming.	
CETG 0309 HANDLING MEDICAL EMERGENCIES	24 HRS.	CETG 0349 MUSIC MADE EASY	24 HRS.
Every second counts during a medical emergency. Learn how to respond if someone needs your help.		Learn the fundamentals of music theory. Be able to read, write, and play simple music.	
CETG 0311 LSAT PREPARATION	24 HRS.	CETG 0350 ACCOUNTING FUNDAMENTALS II	24 HRS.
Learn about law school entrance procedures, developing analytical reasoning skills, and improving your test-taking skills (course 1 of 2).		Give yourself skills that are in high demand by exploring corporate accounting with a veteran instructor.	
CETG 0312 LSAT PREP PART 2	24 HRS.	CETG 0351 WRITING FOR ESL	24 HRS.
Improve your reading comprehension and logical reasoning skills, and discover proven approaches for selecting correct exam answers (course 2 of 2).		Learn how to write in English more effectively to succeed in college and at work.	
CETG 0316 INTERPERSONAL COMMUNICATION	24 HRS.	CETG 0352 SPEED SPANISH II	24 HRS.
Become aware of the conscious and unconscious codes of meaning we send when communicating with others.		Clever follow-up to our popular Speed Spanish course. Several new recipes help you quickly build fluency.	
CETG 0317 INTRODUCTION TO ALGEBRA	24 HRS.	CETG 0353 WRITING FOR CHILDREN	24 HRS.
Understand how algebra is relevant to almost every aspect of your daily life, and become skilled at solving a variety of algebraic problems.		Published children's author shows you how to touch the hearts of children by creating books for them.	
CETG 0318 INTRODUCTION TO PHOTOSHOP CS4	24 HRS.	CETG 0354 BEGINNING WRITER'S WORKSHOP	24 HRS.
Learn to use Adobe Photoshop CS4 to edit images, process photos, and create original graphics.		Get a taste of the writer's life and improve your writing skills in this introduction to writing creatively.	
CETG 0320 INTRODUCTION TO MICROSOFT WORD 2003	24 HRS.	CETG 0355 COMPTIA SECURITY+ CERTIFICATION	24 HRS.
Learn how to create and modify documents with the world's most popular word processor.		Master the terms and concepts you need to pass the CompTIA Security+ exam and earn your Security+ certificate.	
CETG 0321 INTERMEDIATE MICROSOFT WORD 2003	24 HRS.	CETG 0356 CORELDRAW X3	24 HRS.
Take advantage of Word 2003's publishing capabilities to create eye-catching documents.		Learn how CorelDraw can help you create dazzling logos and other artwork for print or the Web.	
CETG 0322 ADVANCED MICROSOFT WORD 2003	24 HRS.	CETG 0357 BUILDING WEALTH	24 HRS.
Learn how to create and use macros, shortcuts, form letters, mailing labels, queries, and more.		Certified financial planner show you how most wealthy people build their fortunes.	
CETG 0323 INTRODUCTION TO MICROSOFT EXCEL 2003	24 HRS.	CETG 0359 INTRODUCTION TO FLASH MX 2004	24 HRS.
Discover the secrets to setting up fully formatted worksheets quickly and efficiently.		Learn to quickly create dynamic, entertaining, and interactive Web sites with Flash MX 2004.	
CETG 0324 INTERMEDIATE MICROSOFT EXCEL 2003	24 HRS.	CETG 0364 INTRODUCTION TO ASP.NET	24 HRS.
Work faster and more productively by learning to use some of Excel 2003's most powerful tools.		Learn how to create powerful, interactive, community-based Web sites with ASP.NET.	
CETG 0325 INTRODUCTION TO MICROSOFT ACCESS 2003	24 HRS.	CETG 0366 INTRODUCTION TO DREAMWEAVER MICROSOFT 2004	24 HRS.
Learn how to store, locate, print and automate access to all types of information.		Veteran designer helps you master the industry standard tool for building professional Web sites.	
CETG 0326 INTRODUCTION TO ALICE 2.0 PROGRAMMING	24 HRS.	CETG 0367 WHERE DOES ALL MY MONEY GO?	24 HRS.
Learn the principles of object-oriented computer programming create rich, interactive, 3-dimensional worlds with characters, sound, and other exciting elements.		Learn how to get control of your money once and for all.	
CETG 0327 INTRODUCTION TO MICROSOFT PROJECT 2003	24 HRS.	CETG 0369 REAL ESTATE LAW	24 HRS.
Experienced project manager reveals how to use the world's most popular tool for planning, implementing, and controlling projects.		Learn the basics of real estate law, including investing, title searching, and mortgages.	
CETG 0330 ADV MICROSOFT EXCEL 2003	24 HRS.	CETG 0371 INTRODUCTION TO FLASH 8	24 HRS.
Increase your potential and maximize your value by becoming an expert Microsoft Excel user.		Learn how to create exciting interactive animations from a working Flash designer and author.	
CETG 0334 WIRELESS NETWORKING	24 HRS.	CETG 0372 INTRODUCTION TO CSS AND XHTML	24 HRS.
Industry expert shows you how wireless networking works, as well as how to plan, deploy, and connect to wireless networks.		Learn to create state-of-the-art Web sites using modern CSS and XHTML techniques.	
CETG 0337 INTRODUCTION TO JOURNALING	24 HRS.	CETG 0373 C+ PROGRAMMING FOR BEGINNER	24 HRS.
Discover how journaling can help you learn more about yourself.		Learn the fundamentals of computer programming with the new C+ programming language.	
CETG 0341 INTRODUCTION TO MICROSOFT POWERPOINT 2003	24 HRS.	CETG 0374 INTRODUCTION TO MICROSOFT VISIO 2003	24 HRS.
Learn how to use PowerPoint to create dazzling slide presentations with awesome multi-media slides, charts, outlines, graphs, clip art, hyper text links, special effects.		Learn how to design professional-looking diagrams with Microsoft Visio 2003.	

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 and 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 program 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 Vista 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/DIG 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 multi-component phase properties and phase equilibriums, 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 AAS 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 2560. 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 CHEF 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 2310 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 2680 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 1210 series.

CHEM 1110 ELEMENTARY CHEMISTRY 4 CR.
Prereq: MATH 1010 or equivalent, concurrent w/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 introductory biochemistry. Primarily for health science students and other non-chemistry majors.

CHEM 1125 ELEMENTARY BIOORGANIC CHEMISTRY 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

CHEM 1225 GENERAL CHEMISTRY LAB II 1 CR.
Prereq: Concurrent with CHEM 1220. Graded lab taken concurrently with CHEM 1220.

CHEM 1228 GENERAL CHEM. II PROBLEM SESSION 1 CR.
Problem session for CHEM 1220. Though not required, students are strongly encouraged to register for this session.

CHEM 2000 CHEMISTRY 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 or employment.

CHEM 2310 ORGANIC CHEMISTRY I 4 CR.
Prereq: CHEM 1220 w/C or better, concurrent with CHEM 2315. Introduction to concepts of organic chemistry. Structure, bonding, reaction mechanisms. Detailed study of alkanes, alkyl halides, alkenes, alkynes, aromatic compounds, alcohols. Introduction to spectroscopy and stereochemistry

CHEM 2315 ORGANIC CHEMISTRY LAB I 1 CR.
Prereq: Concurrent with CHEM 2310. Graded laboratory concurrent with CHEM 2310.

CHEM 2318 ORGANIC CHEM. I PROB. SESSION 1 CR.
Problem session for CHEM 2310. Though not required, students are strongly encouraged to register for this session.

CHEM 2320 ORGANIC CHEMISTRY II 4 CR.
Prereq: CHEM 2310 w/C or better, concurrent with CHEM 2325. Conjugated and aromatic systems, organo metallic compounds carbonyl compounds, carboxylic acids and derivatives, amines biological molecules. Mechanistic organic chemistry, functional group transformation and multistep synthesis

CHEM 2325 ORGANIC CHEMISTRY LAB II 1 CR.
Prereq: Concurrent with CHEM 2320. Graded laboratory concurrent with CHEM 2320.

CHEM 2328 ORGANIC CHEM. II PROB. SESSION 1 CR.
Problem session for CHEM 2320. Though not required, students are strongly encouraged to register for this session.

CHI 1010 BEGINNING CHINESE 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 Chinese culture. Lab attendance is required.

CHI 1020 BEGINNING CHINESE II (LN) 5 CR.
Prereq: CHI 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.

CHI 1300 BEGINNING CONVERSATION 1 CR.
Prereq: CHI 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.

CHI 1900 SPECIAL STUDIES IN CHINESE 1 TO 2 CR.
Prereq: Instructor's approval. In the 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.

CHI 2010 INTERMEDIATE CHINESE I 4 CR.
Prereq: CHI 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.

CHI 2020 INTERMEDIATE CHINESE II 4 CR.
Prereq: CHI 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.

CHI 2300 CONVERSATION 1 CR.
Prereq: CHI 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.

CHI 2700 INTRODUCTION TO LITERATURE 3 CR.
Prereq: CHI 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.

CHI 2710 INTRODUCTION TO CHINESE FILM 3 CR.
Prereq: CHI 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 Chinese. Lab attendance required.

CHI 2900 SPECIAL TOPICS IN CHINESE 1 TO 3 CR.
This is a course designed by faculty which allows students to explore specific interests in Chinese language and culture. Lab attendance required. May be repeated for credit.

CIS 1013 E-PORTFOLIOS AND OPERATING SYS 1 CR.
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 1017 PRESENTATION APPLICATIONS 1 CR.
Students will learn basics of presentation software. Students will learn how to create, format, and manage computerized slideshows. including using transitions, sound, graphics, charts, etc.

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, usecase scenarios. Software tools will be used.

CIS 1430 INTERNET & HTML FUNDMTLS (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 OS's are examined. Concepts include: virtual memory, multitasking, security, hardware support, & file systems

CIS 1555 SQL PROGRAMMING 3 CR.
Prereq: CIS 1055 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/DPMA 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, AT&T, Solaris and Linux.

CIS 2410 ADV. SPREADSHEET APPLICATIONS 3 CR.
Prereq: CIS 1020 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 Window NT Server. Topics include file system management, security and interoperability in a typical multiplatform environment.

CIS 2470 ADVANCED JAVASCRIPT AND JSP 3 CR.
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 MGMNT 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 E-R and SOM. Additional topics are: Distributed DB, OODBMS, & Administration.

CIS 2650 ORACLE DATABASE DEVELOPMENT 3 CR.
Prereq: CIS 1550 Introduction to ORACLE Database Development. Topics included 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 Adv. 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, & 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 adv. 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.

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 1330 CRIMINAL LAW 3 CR.
Prereq: CJ 1010. Examines 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/RESERV 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 2350. This course provides for 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 2060 COMMUNITY CORRECTIONS 3 CR.
Prereq: CJ 1010 Examines the types of sentences utilized as alternatives to incarceration. Included are probation, parole, substance abuse and other treatment programs, half-way houses, house arrest, electronic monitoring, community service, etc.

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.

CJ 2470 INTRODUCTION TO CRIMINOLOGY 3 CR.
Prereq: CJ 1010. This course covers various theories in the study of criminology and criminal behavior.

CJ 2480 CRIME SCENE PROCESSING 3 CR.
Prereq: CJ 1010, CJ 1350 strongly recommended. This course covers the duties and responsibilities of the crime scene technician at the scene of the crime. Includes instruction on the proper collection, handling and securing of evidence.

CJ 2490 DRUG TRAFFICKING 3 CR.
Prereq: CJ 1010. This course examines the government's efforts in the war on drugs.

CJ 2500 CONTEMPORARY VIOLENCE 3 CR.
Prereq: CJ 1010. This course examines violence in our society. Topics covered will be serial killing, mass murder, spree killing, etc.

CJ 2510 PSYCHOLOGY OF CRIMINAL BEHAVIOR 3 CR.
Prereq: CJ 1010. This course examines the psychological aspects of criminal behavior.

CJ 2520 VICTIM ISSUES 3 CR.
Prereq: CJ 1010. This course examines various issues in the criminal justice system as they relate to the victims, witnesses and offenders.

CJ 2530 POLICE PATROL TECHNIQUES 3 CR.
Prereq: CJ 1010. This course covers the history, dynamics and principles of police patrol operations and techniques. Special emphasis will be on Directed Patrol, Service-Oriented Policing and cutting-edge approaches to front-line street policing.

CJ 2540 CAREERS IN LAW ENFORCEMENT 3 CR.
Prereq: CJ 1010. This course provides an insight into the workings and hiring practices of various law enforcement agencies such as ATF, DEA, FBI, and local, county and state police agencies. Also available is access to law enforcement guest lectures.

CJ 2550 EMERGENCY MANAGEMENT PRINCIPLES 3 CR.
This course helps students understand the Emergency Management System which includes awareness of the four phases of emergency management, emergency planning and exercising emergency plans.

CJ 2560 LAW ENFORCEMENT DOCUMENTATION 3 CR.
Prereq: CJ 1010. This course covers specialized communications in Law Enforcement from initial report to courtroom testimony.

CJ 2920 SPECIAL TOPICS IN CJ 3 CR.
The specific titles of courses and credit hours will appear in the class schedule. The courses offered under this category are utilized to offer the student educational opportunities in current criminal justice/law enforcement issues.

CMA 1110 CEMENT MASON 1A 5 CR.
This course covers the use and characteristics of concrete, materials used, safe use and practices with tools and equipment. Course also covers sub grade preparation and form work.

CMA 1120 CEMENT MASON 1B 5 CR.
Placement of concrete, finishes including interior, exterior and highway finishes. Curing protection of additives for concrete with tests on strength, slump and air entrainment.

CMA 1210 CEMENT MASON 2A 5 CR.
Blue Print reading and estimating of material and labor needed. Practical training in design and layout and continued hands-on with placement and finishes.

CMA 1220 CEMENT MASON 2B 5 CR.
Level II blueprint reading and estimating with additional curing and additive methods and uses. Surface treatment of concrete and uses of each. Hands-on practical for all phases of concrete construction.

CMA 2310 CEMENT MASON 3A 5 CR.
Use and care of tools and equipment including safe operation and handling. Concrete testing and meaning of strength and slump test results as well as air entrainment.

CMA 2320 CEMENT MASON 3B 5 CR.
Placement of concrete finishes used and purposes and decorative and specialty finishes. Safety in the work place and requirements of safety when working with concrete.

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 MAS ON 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 mgt, 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 1515 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/DESIGN 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 profession. 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 1130 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 1800. 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 ELEMT/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 1560 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.

Prereq: CPA 1120. Applied instruction in wood framing, residential and commercial. Building layout, floor and wall framing, trusses, overhangs, canopies and stair design.

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 (QS) 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, perfa-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, 1120, 1210, 1220, 2310, 2320, and 2410. Advanced application of transits 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 P.P.E., 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 1210. 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 (QS) 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 CARPENTER 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.

CPI 2410 CARPENTER IVA 5 CR.
Prereq: CPI 2320. This course teaches advanced finish carpentry including: equipment setup, jigs and templates, gluing and clamping techniques, advanced cabinetry, installing locksets, remodeling, restoration and refinishing.

CPI 2420 CARPENTRY IVB 5 CR.
Prereq: CPI 2410. This course teaches construction and administrative skills. Computer Assisted Drafting (CAD), building codes, advanced layout, bidding and estimating, material purchasing, and commercial blueprints will be learned.

CS 1030 CONNECTED COMPUTING 3 CR.
Understand the world of computing that surrounds you: technology's impact on society, hardware, SOHO networking, threats, Google as a verb, ethics/policy, file management, standards, basic HTML, disaster recovery & remote computing.

CS 1031 OPEN SOURCE WINDOWS DESKTOP 2 CR.
Prereq: with CS 1030. Microsoft Windows as a primary operating system: installation, drivers, file/process management, settings, security, remote access, backup, multimedia, & Internet tools. Covers Thunderbird, Open Office, Firefox, Gimp & Windows Media Center.

CS 1032 OPEN SOURCE LINUX DESKTOP 2 CR.
Prereq: with CS 1030. Linux as your primary operating system: installation, drivers, file/process management, settings, security, remote access, backup, multimedia, and Internet tools. Covers Evolution, Open Office, Firefox, Gimp, Audacity, Mplayer, Myth TV.

CS 1033 OPEN SOURCE MAC OS X DESKTOP 2 CR.
Prereq: with CS 1030. Apple OS X as your primary operating system: installation, drivers, file/process management, settings, security, remote access, backup, multimedia, & Internet tools. Covers Mail, iTunes, NeoOffice, Firefox, Picasa, Gimp, and Apple TV.

CS 1110 DATA CABLING BASICS 3 CR.
The design, installation, termination, testing and troubleshooting of copper and fiber optic cabling. Media characteristics, TIA/EIA standards, grounding, outlets, jacks, labeling, cable scanners and termination tools are also discussed.

CS 1120 DESKTOP MANAGEMENT 3 CR.
Prereq: CS1030. Comprehensive approach to managing all client computers (desktops, laptops, mobile devices) within an organization. Software deployment, patch management, inventory, desktop TCO, troubleshooting and customer support will be covered.

CS 1121 COMPTIA A+ ESSENTIALS 1 CR.
Prereq: Concurrent w/ CS 1120. Presents necessary competencies for an IT professional, including configuring, troubleshooting, and performing preventative maintenance of PC hardware and operating systems. Students will take the CompTIA A+ Essentials exam.

CS 1122 SUPPORTING LINUX DESKTOPS 3 CR.
Prereq: CS 1032. Manage the corporate Linux desktop, installation and configuration, software management, imaging, and patching. Shell scripting (bash), security, backup, remote access, printing, virtualization and useful CLI tools will be covered.

CS 1125 SUPPORTING WINDOWS XP 2 CR.
Prereq: CS 1120. Course covers the essentials that an IT professional would need to support windows XP in the business environment. Topics include: installation, maintenance, performance analysis and security.

CS 1126 SUPPORTING WINDOWS VISTA 2 CR.
Prereq: with CS 1120. Covers the essentials that an IT professional would need to support Windows Vista in a business environment. Topics include installation, deployment, configuration, maintenance, performance analysis and security.

CS 1128 DESKTOP HARDWARE-COMPTIA A+ 2 CR.
Prereq: with CS 1120. Fundamentals of computer desktop hardware, including installation, standards, safety, troubleshooting, device drivers, networking devices, and hardware disaster recovery. Students will take the CompTIA 220-604 (Depot Technician) Exam.

CS 1129 COMPTIA A+ CERTIFICATION 2 CR.
Presents necessary competencies for an IT professional, including configuring, troubleshooting, & performing preventative maintenance of PC hardware & operating systems. Students will take the CompTIA A+ exams.

CS 1130 SERVER MANAGEMENT 4 CR.

Prereq: CS 1120 Methodology for managing servers, policies, installation, configuration, security, monitoring, upgrades, 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, sub netting, CIDR, and more are covered.

CS 1201 COMPTIA NETWORK+ ESSENTIALS 1 CR.

Prereq: Concurrent with CS 1200. This course prepares students to take 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 1200. 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. RIPv1/v2, EIGRP, OSPF, VTP, port security, interVLAN 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: with 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, String Builder, Collection, Iterator and Array List.

CS 1410 OBJECT-ORIENTED PROGRAMMING 3 CR.

Prereq: CS 1400, 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, PVRST, 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. Multi-cultural 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 1210 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. Emphases 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.

DENA 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.

DENA 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 fore-hand 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/intra-oral 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 1050, DH 1060, DH 1100, DH 1110, DH 1330, 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 1050, DH 1060, DH 1100, DH 1110, DH 1330, 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. Continuance of D.H. 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. IIS 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/performance 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 of 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/performance 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 PERIODONTOLOGY I 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, vitals signs and oxygen, infection control, aseptic/nonaseptic techniques, ethics, medial 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 ultrasound. 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. Compliments 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 sonographic 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. Schedule 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. Schedule 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. Schedule 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. A,B,C. & D inspections will be included. Safety procedures and shop 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 DRIVETRAINS 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 GEAR 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.

DST 2145 HD HYDRAULIC CONTROLS 4 CR.
Theory and practical experience in principals of fluid power transmission. force, energy, pumps, valves, cylinders, and motors as applied to mobile hydraulic systems. Shop procedures and safety will be stressed.

DST 2165 HD HYDRAULIC FUNCTIONS 4 CR.
Theory and practical experience in principles of fluid power transmission of force and energy, interactive C D training, electronic controls, Air conditioning functions and principles. Shop procedures and safety will be stressed.

DST 2245 HD ELECTRICAL CIRCUITS 4 CR.
Theory and practical experience in basic electrical circuits, principals of magnetism, charging and cranking systems, maintenance, testing troubleshooting of all electrical applications. Safety will be stressed.

DST 2265 HD ELECTRICAL LIGHTING 4 CR.
Theory and practical experience in basic electrical fundamentals, ignition circuits, lighting and accessories, maintenance, computer diagnostics, testing troubleshooting of all electrical applications. Safety will be stressed.

DSTA 1100 SAFETY AND BASIC ENGINES 2 CR.
Prereq: Concurrent with DSTA 1111. Instruction in safety, theory, operation, troubleshooting and repair maintenance. Includes part 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.
Prereq: DSTA 1120, DSTA 1121, Concurrent with DSTA 1130. Clutch operation & adjustment, manual transmission repair, differential diagnosis & repair, torque converter overhaul, automatic transmission diagnosis overhaul, testing, undercarriage maintenance & adjustments.

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. ENGINE & ELECTRONICS LAB 4 CR.
Prereq: DSTA 1130, DSTA 1131, 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 hydraulics 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.
Prereq: EBT 2360 Students learn to manage, configure and deploy corporate e-business solutions infrastructure using Web, FTP, News, and email servers for mid-size to large businesses. Preparation for CIW Server Administration exam.

EBT 2620 E-LEARNING DESIGN-DEVELOPMENT 4 CR.
Prereq: EBT 2150 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 2010 and ECON 2020 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 1100. 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 2260 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 2350. 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 AUTODESK 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 theory 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 phenomena. 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 classroom 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 elementary 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 elementary 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 concerning 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, concepts, 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 education. 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 instruments, 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 commands, 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 2210 & EE 1020. Basic concepts 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 completion 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 electrical 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 electrical 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. Introduction 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: EGMT 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: EGMT 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: EGMT 1120. Course reviews computer programs available for analyzing commercial buildings. Topics include code & output format, BIN methodology, hourly simulations & current programs on market. Students perform simulations under supervision.

EGMT 1210 AIR CONDITIONING SYS ANALYSIS 2 CR.
Prereq: EGMT 1110, 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 calc. 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 specs., 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 illuminance selection procedures, evaluating lighting sys., luminaries & assoc. components, perform illuminance 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/INSTRUM 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 RCL 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/ hexadecimal 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, 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-001D 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 0116), Surface Mount Assembly (ELET 2080, KELA 1060, or KET2 0117), PIC 610D Cert. Specialist (ELET 1020, KETA 0171, or KET2 0118), permission of instructor based on industry experience or other factors suggesting student success in course. J-STD-001D is the sole industry-consensus standard covering soldering materials and processes. Emphasizing Criteria 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 environment, 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 1010, 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 2080 SURFACE MOUNT TECHNOLOGY 2 CR.
Prereq: ELET 1080. Covers assembly and repair of surface mount PCB's. 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 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, 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 parameters 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, EMI 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 maintenance 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 basic 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 (QS) 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 2320 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 2320. 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 2010. 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 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.

ELTA 2020 TECHNICIAN CERTIFICATION 2 CR.
Prereq: ELTA 1100, ELTA 1130. 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 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.

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 1130. 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 1130, 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 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 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 electronics equipment such as meters, oscilloscopes, and function generators.

ELTR 1030 ACTIVE DEVICES 6 CR.
Prereq: ELTA 1010 or ELTR 1010 and ELTA 2010 or ELTR 2010. Fundamentals of active devices-diodes, bi-polar 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: ELTR 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, 68HC11 architecture, machine language and assembly language programming, debugging and trouble shooting. 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 illiteracies-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 (HU,DV) 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 centers and provides practical experience through service-learning opportunities at SLCC's Student 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 2010 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 2030 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 allegiances, creates and disseminates knowledge, and develops and maintains power.

ENGL 2100 TECHNICAL WRITING (EN) 3 CR.

Prereq: ENGL 1010 with 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 WRTG (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 originations, 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 2600 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 2610 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 2700 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 US. 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.

ENVT 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 Utah and around the world are discussion issues. Designated as Service Learning class.

ENVT 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.

ENVT 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.

ENVT 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.

ENVT 1060 INTRODUCTION OCC HEALTH/SAFETY 3 CR.
General overview of Occupational Health & Safety. Focus is on OSHA regs, workers comp, accident causation & prevention, OH&S fields such as industrial hygiene and industrial ergonomics. Student presentations & internet will be emphasized.

ENVT 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.

ENVT 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 ENVT field. Instructor's permission required.

ENVT 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.

ENVT 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.

ENVT 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.

ENVT 2100 ENVIRONMENTAL COMPLIANCE I 3 CR.
Prereq: ENVT 1050, ENVT 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.

ENVT 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.

ENVT 2130 HAZARDOUS WASTE MANAGEMENT 2 CR.
Prereq: ENVT 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.

ENVT 2150 ENVIRONMENTAL COMPLIANCE II 3 CR.
Prereq: ENVT 1050, ENVT 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.

ENVT 2200 LAWS/POLICY FOR SUSTAINABILITY 3 CR.
Prereq: ENVT 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.

ENVT 2400 HAZARDOUS WASTE OP & EMERGENCY RESPONSE 2 CR.
Prereq: ENVT 1300, concurrent with ENVT 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.

ENVT 2410 HAZARDOUS WASTE & EMERGENCY RESPONSE LAB 1 CR.
Prereq: Concurrent with ENVT 2400 Graded lab to be taken concurrently with ENVT 2400

ENVT 2420 EMERGENCY RESPONSE ANNUAL REFRESHER 0.5 CR.
Prereq: ENVT 2400, ENVT 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.

ENVT 2800 SAMPLING AND ANALYSIS 2 CR.
Prereq: ENVT 1050 OR CHEM 1010, concurrent with ENVT 2810 Provides hands-on approach to sampling, monitoring, and analysis methods used in field sites and laboratories. A site assessment is completed of a selected site. Monitoring of Jordan River for local POTW. Taken with ENVT 2810.

ENVT 2810 SAMPLING AND ANALYSIS LAB 1 CR.
Prereq: Concurrent with ENVT 2800 Provides field opportunities to practice application of sampling, monitoring, and analysis of methods discussed in Envt 2800. Record keeping is major focus, along with following SOPs. Must be taken with ENVT 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/>450. 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/>450 Helps students improve general English conversation skills through intensive practice.

ESL 1040 ESL GRAMMAR 3 CR.
Prereq: LOEP>72/TOEFL 133-172/>450 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/>450 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/>450 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/>450 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/>450 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 LAB 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 I 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/objectives 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 & understand the value 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 1500. Basic pattern making skills are taught with an emphasis on learning to fit properly. Students will draft their own personal basic pattern through draping and flat pattern techniques. Half-scale standard patterns will be used.

FASH 1150 PATTERN BY MEASUREMENTS 2 CR.
Prereq: FASH 1500. 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 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 1505. 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 lacings, 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, appliqué, piping, beading and other fabric embellishments.

FASH 1700 TAILORING 3 CR.
Prereq: FASH 1505. 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 1100. 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, surveying 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 1350, 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.
Study of financial skills essential for economic success. Subjects: Financial planning, fin. services, income taxes, consumer buying, insurance, retirement planning & estate planning.

FIN 1210 PRINCIPLES OF BANKING 2 CR.
Evolution of American banking, deposit, credit & payment functions, loans & investment, liquidity, safety & income, bank language, documents, accounting & pricing, regulation & examination, personnel, marketing & security, trust services.

FIN 1380 FINANCIAL MATHEMATICS (QS) 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.
Prereq: FIN 1050 Process of investing, goal setting, risk-return, diversification & asset allocation. Study of available investment vehicles, functions of financial markets, investment techniques/strategies. Taxes, insurance, & estate planning.

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 mgt., 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 2600 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/economics.

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 I 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 I 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 II 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 II 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 1515 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 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.

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 2030, FLM 2040 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 study, 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 2900 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.

FLYT 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 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.

FRN 1900 SPECIAL STUDIES IN FRENCH 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.

FRN 2010 INTERMEDIATE FRENCH I 4 CR.

Prereq: FRN 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 required.

FRN 2020 INTERMEDIATE FRENCH II 4 CR.

Prereq: FRN 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.

FRN 2300 CONVERSATION 1 CR.

Prereq: FRN 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.

FRN 2700 INTRODUCTION TO LITERATURE 3 CR.

Prereq: FRN 2020 or FRN 2010. 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.

FRN 2710 INTRODUCTION TO FRENCH FILM 3 CR.

Prereq: FRN 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 French. Lab attendance required.

FRN 2900 SPECIAL TOPICS IN FRENCH 1 TO 3 CR.

This is a course designed by faculty which allows students to explore specific interests in French language and culture. Lab attendance is required. May be repeated for credit.

GCMT 1010 GOLF COURSE MANAGEMENT INTRO 2 CR.

This course is devoted to the overview of the golf industry. The students are exposed to the various mechanics of golf operations, the marketing challenges, and analysis of each facility.

GCMT 1020 USING GOLF FOR BUSINESS & LIFE 2 CR.

Course Prereq: GCMT 1010. This course is designed to teach and improve the golf skills of students and to suggest ways in which the game of golf can be used as a business and social tool.

GCMT 1400 TOURNAMENT MANAGEMENT 2 CR.

Prereq: GCMT 1010. This course will teach students how to market and book group outings, and how to run a tournament. Client retention will also be taught in detail.

GEN 1010 INTRODUCTION TO GENEALOGICAL RESEARCH 3 CR.

This 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.

GEN 1015 FINDING YOUR AMERICAN FAMILY 3 CR.

Prereq: GEN 1010 or instructor approval. Course will provide an in-depth study of sources and records used to document and verify family history and genealogies within the US.

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 most help them 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 use of the internet in genealogy, including access to the various archives and repositories of information available.

GEN 1110 GENEALOGY WRITING & PUBLISHING 3 CR.

Prereq: GEN 1010. Introduction to standards in genealogical writing, reporting, documentation and presentation of genealogical data. Students will also learn how to publish a family history in various medias.

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 AS A GENEALOGICAL PRO 3 CR.

Students will learn about various career options and the specifics of credentialing as a genealogist.

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.

GEO 1010 INTRODUCTION TO GEOLOGY (PS) 3 CR.

An introduction to the processes and materials that shape the earth. It includes mineral identification, map reading, deposition, volcanism, earthquakes, and continental drift.

GEO 1060 ENVIRONMENTAL GEOLOGY 3 CR.

Prereq: Concurrent with GEO 1065. This is the study of natural and man-made threats to human life and property. Their causes, preventions, and mitigation are covered.

GEO 1065 ENVIRONMENTAL GEOLOGY LAB 1 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.

GEO 1110 PHYSICAL GEOLOGY 3 CR.

Prereq: Concurrent with GEO 1120. This is a survey of the earth's crust and crustal physical processes, basic earth materials constituting the lithosphere and hydrosphere. Class is designed for Geology majors.

GEO 1115 PHYSICAL GEOLOGY LAB 1 CR.

Prereq: Concurrent with GEO 1110. This is a laboratory experience in physical geology.

GEO 1220 HISTORICAL GEOLOGY 3 CR.

Prereq: GEO 1110, GEO 1120, concurrent with GEO 1225. Class covers physical and biological history of earth development of major structural and stratigraphic features, also an introduction to fossil record.

GEO 1225 HISTORICAL GEOLOGY LAB 1 CR.

Prereq: Concurrent with GEO 1220. This twice per week class is to provide hands-on experience in the lab, the community, and the field with subjects covered in GEO 1220.

GEO 2350 FIELD STUDIES IN GEOLOGY 3 CR.

Prereq: Instructor permission. Course provides an introduction to geology field studies. Covers local geology, rock and mineral identification, map reading, structure recognition and relevant geologic processes.

GEOG 1000 EARTH'S SURFACE ENVIRONMENTS (PS) 3 CR.

This course examines the interrelationships of land, water, and atmosphere in the human environment. Location of features and countries is also emphasized.

GEOG 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.

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, & 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 2300 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 as well as native 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 1450 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 ENVT. 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 II/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 I/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 stretching 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.

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 cut-throat 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 principles. It is designed for fun, competition, and to encourage lifelong participation.

HLAC 1213 SAND VOLLEYBALL (LW) 1 CR.
This class 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 arts 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 opportunity 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 I/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 1450 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 more 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 SOCIAL 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, Meringue, 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 (LW) 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 through unconditional 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.

HLTH 1260 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 INSTRU 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.
Prereq: HLTH 1020 and HLTH 2020 recommended. Examines advanced fitness and sport nutrition issues. Includes physiological and lifestyle practices of athletes and fitness participants. Covers ergogenic aids and nutrient metabolism for optimal athletic performance.

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 80 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 CIV-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 CIV REN-MODERN (HU) 3 CR.
This is a continued historical survey of Western thought, including the major cultural influences on our own contemporary world.

HUMA 1900 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 histories, literature, 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 A 5 CR.
Prereq: HVAC 1470 or equivalent. Materials and devices with focus on CPR/First Aid, Safety, Hand Tools, Accessories, Basic Electricity, Character Education/Customer Service, and Basic Gas Properties/ Gas Appliance Installation.

HVAC 1120 HVAC IB 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 (RMGA) 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 (QS) 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.
Prereq: HVAC 1120. Electron theory, AC and DC current, ohm's law, series and parallel circuits, operation of gas furnaces, basic heat and cool controls & balance equipment. ICE Residential & Light Commercial Air-Conditioning and Heating Certification tests.

HVAC 2320 HVAC IIIB 5 CR.
Prereq: HVAC 2310 Operation of the compression refrigeration and heat pump cycles, and troubleshoot systems. RMGA Service Certification test, the NATE Core Service and one Specialty test.

HVAC 2410 HVAC IVA 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 IVB 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.

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 2260 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 2120, 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 2230. Topics include general techniques such as split ranged 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 2230. This is a practical performance 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 PLC's 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 500 & 5000 software. Course will introduce Rockwell RSView HMI applications and PLC communications.

INST 2370 CONTROL SYSTEM TROUBLESHOOTING 2 CR.
Prereq: INST 2200, INST 2210, INST 2230, INST 2280. Universal and methodical troubleshooting techniques in loop tuning. Troubleshooting existing and new control loops. Commissioning a loop. Safety practices in troubleshooting. Practical applications of different troubleshooting methods.

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 allows 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, masonry, 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 1010, 1200, 1220, 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 modern Latin culture.

INTL 2980 TRAVEL STUDY (ID) 3 CR.
Prereq: Varies by semester and trip taken. This course includes travel experience with faculty of SLCC as well as pre and post-trip activities and assignments. Credit awarded for successful completion of specified learning objectives.

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.

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 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 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 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 may be required. May be repeated for credit.

JPN 2010 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 2020 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.

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 0115, 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.

Prereq: School of App Tech assess, KACC 0100, KACC 0105, KACC 0200, KACC 0220, KACC 0230, KACC 0250. Application of refrigeration practices particular to the service of automotive air conditioners. Students can qualify for the Federal Clean Air Act automotive CFC (EPA 609) certification exam.

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. 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 0400, KACC 0420, KACC 0440. 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 fingering.

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 spell checker 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.

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 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 Power Point 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.

KACK 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.

KACT 0310 COMPUTERIZED ACCOUNTING 70 HRS.
Students perform accounting functions including, setting up a company, accounting for daily transactions, managing inventory, processing payroll, working with bank accounts and preparing financial statements.

KACT 0320 FINANCIAL RECORDS 90 HRS.
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 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 (IC3 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 sentence 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 nypm, 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 nypm, emphasizes correct keyboarding techniques. Timings and drills are used to enhance keyboarding skills.

KBA2 0130 WORD PROCESS. APPLICATIONS II 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.

KBHR 0160 KEYBOARD SKILL BUILDING 158 HRS.
This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KBHR 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.

KBHR 0190 MEDICAL TERMINOLOGY 30 HRS.
Through lecture and video presentations, students learn 300 medical elements (roots, suffixes, and prefixes), with emphasis on pronunciation, definitions, and usage.

KBHR 0200 MEDICAL FILING 15 HRS.
This class covers basic concepts and rules governing medical filing, including the correct use of terminology. Both theory and practical applications are covered.

KBHR 0220 ICD-9 CODING 30 HRS.
This course covers 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.

KBHR 0230 MEDICAL OFFICE PROCEDURES 40 HRS.
Students learn time-management techniques, medical abbreviations and common business/medical terms, short report writing utilizing team skills, and other basic skills required in a medical office or hospital.

KBHR 0240 MEDICAL ACCOUNTING/PATIENT SOFTWARE 35 HRS.
The student will use medical accounting/patient scheduling software to enter patient information, payment transactions, print statements and standard reports, submit insurance claims and schedule patient appointments.

KBHR 0280 COOPERATIVE EXTERNSHIP 120 HRS.
The externship consists of 120 hours of work experience in a cooperative medical facility. Students will assemble and file patient files according to departmental coding system, fax records, purge records, pull and refile charts.

KBHR 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.

KCDL 0100 CDL LEARNER'S PERMIT 16 HRS.
Prepare for the CDL learner's permit written test with the following endorsements: general knowledge, air brakes, and combinations (tractor and single trailer). Additional endorsement riders can be obtained at \$10 each.

KCDL 0110 CDL LICENSE REFRESHER COURSE 40 HRS.
Refresher course to improve skills in shifting, driving, backing, pre-trip inspections, log books, brake adjustments, or others as coordinated with the instructor. Students may also upgrade from a C or B license to an A license.

KCDL 0120 CDL LICENSE UPGRADE 80 HRS.
This course is designed to give students who are sponsored by companies, backing skills, over-the-toad driving practice, shifting and other skills required by their employer.

KCMA 0010 INTRODUCTION TO CLINICAL MEDICAL ASST 20 HRS.
An overview of the Medical Assistant profession and role in the health care environment.

KCMA 0020 MEDICAL ASEPSIS & GOVT REGS 20 HRS.
Provides the guidelines for personal safety and well being of staff and patients. Students learn and practice CDC guidelines for hand hygiene and apply government regulations for standard and biohazard wastes.

KCMA 0030 LAW & ETHICS IN MEDICAL OFFICE 20 HRS.
An introduction to the legal and ethical issues that impact the health care setting.

KCMA 0040 PSYCH & PATIENT COMMUNICATION 20 HRS.
Provides basic principles of psychology required in a health care environment. Students are exposed to ethnic cultures and the differences in expectations for medical care.

KCMA 0060 MEDICAL OFFICE COMMUNICATION 20 HRS.
Certifies proficient medical office communication.

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 0126 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 1.68 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 168 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 0130 & KCMS 0120, or KCMS 0125 and one elective (KCMS 0150, 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, SNA, 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 0150, 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 1.68 HRS.
Prereq: Must complete one of the following: KCMS 0130 and KCMS 0120 or KCMS 0125 and one elective (KCMS 0150, 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 fingering.

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 INTRO-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.
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 0280 DENTAL COOPERATIVE EXTERNSHIP 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/EXTERNSHIP 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.
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 0155, or equivalent), Surface Mount Assembly (ELET 2080, KELA 0160, or equivalent), IPC 610D Cert. Specialist (ELET 1020, KELA 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 0150, 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 0171 or equivalent, KEMA 0165 or equivalent, KEMA 0166 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 cabling/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.

KESL 0220 LEVEL 2-INT. READ/WRITE/SPEAK 0 TO 960 HRS.
Intermediate practice of reading and writing skills, vocabulary development, communication skills, cultural awareness.

KESL 0310 LEVEL 3-ADVANCED GRAMMAR 0 TO 960 HRS.
Advanced grammatical and complex sentence structures: verb tense review; passive, complete modal usage, gerunds and infinitives, conditionals (optional.)

KESL 0320 LEVEL 3-ADV. READ/WRITE/SPEAK 0 TO 960 HRS.
Skills are refined by reading different styles and points of view, vocabulary building, essay writing, listening activities, and oral presentations.

KESL 0460 PRONUNCIATION 60 HRS.
Prereq: CASAS 180-250. Assist students in speaking American English more clearly and effectively including focusing on individual problem areas.

KESL 0500 ESL ON TOUR HRS.
Students will increase vocabulary and conversation skills by touring sites of interest along the Wasatch Front. Students learn to give and ask directions. Students will keep journals.

KESL 0720 PRE-COLLEGE READING/WRITING 0 TO 960 HRS.
Thorough review of English grammar as needed for reading and writing, advanced reading and vocabulary skills, summaries, essays.

KESL 0730 PRE-COLLEGE LISTENING/SPEAKING 0 TO 960 HRS.
Note-taking skills, lecture comprehension, prepared speeches, community service learning.

KESL 0740 PRE-COLLEGE COMPUTER SKILLS 0 TO 960 HRS.
Introduction and practice as needed for college success: word processing, e-mail, internet.

KESL 0750 PRE-COLLEGE WORKSHOP 0 TO 960 HRS.
Pronunciation, debate, particular grammar points, vocabulary, etc. Student needs and interests determine actual curriculum.

KET2 0115 ELECTRONICS ASSEMBLY 180 HRS.
This project-oriented course provides basic assembly skills normally required of electronics technicians throughout the electronics industry. Students learn soldering (through-hole and surface-mount) techniques.

KET2 0116 UNIVERSAL ASSEMBLY AND REPAIR 75 HRS.
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.

KET2 0117 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.

KET2 0118 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.

KET2 0120 ELECTRONICS MATH 100 HRS.
Students solve electronics problems using functions, graphs, and graphical solutions used in circuitry, including quadratic equations, systems of equations, matrices, determinants, trigonometry, algebra, and inequalities.

KET2 0121 BASIC MATHEMATICS 10 HRS.
Covers the basic concepts of mathematics: addition/ subtraction, multiplication/division, fractions, signed numbers, percents, exponents, and metric notation.

KET2 0122 MEASUREMENTS 10 HRS.
Prereq: KET2 0121 or equivalent. Describes practical uses of math for electronics students, it covers the fundamentals of measurements: use of tools, standards, area, and volume.

KET2 0123 ALGEBRA FOR ELECTRONICS 40 HRS.
Prereq: KET2 0121 or equivalent w/ 80% or higher. Introduces student to the fundamentals of algebra: solving linear equations, laws of exponents, monomials/polynomials equations, concepts of radicals, & solving complex problems. Applications to electronics is a major part of this course.

KET2 0124 TRIGONOMETRY FOR ELECTRONICS 40 HRS.
Prereq: KET2 0123 w/ 80% or higher. Covers the fundamentals of trigonometry: applications, graphs, functions and formulas. Application to electronic circuits is covered.

KET2 0125 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 trigonometry 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 equations. 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 165 HRS.
Prereq: KET2 0131. Fundamentals of AC circuits including component characteristics and RCL circuits. Lecture/lab combination includes application 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 optoelectronic 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 0121, KET2 0122, KET2 0123, KET2 0124, KET2 0130, KET2 0145, or equivalents. Covers active devices: diodes, transistors, 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/configuration 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, counters, 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 applications and troubleshooting.

KET2 0175 COMPUTER LITERACY BASICS 120 HRS.
Provides basic computer literacy skills including personal computer hardware, 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 complete 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 complete specific tasks and assignments in a workplace environment to enhance their competency.

KET2 0231 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 PREP. 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 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.

KFND 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.

KFND 0200 COMPUTER BASICS 49 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.

KFND 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.

KFND 0270 FUNDAMENTAL SKILLS, CDL 40 HRS.
Students will be introduced to the vocabulary, traffic signs and manual associated with the CDL.

KFND 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.

KFND 0290 FUND SKILLS, AUTO/DIESEL 40 HRS.
Students will be introduced to vocabulary and basic skills necessary for successful completion of the Transportation program.

KFND 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.

KFND 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.

KFND 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.

KFND 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 KGED 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 0005 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 0010 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 0015 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 0020 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 0025 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 0030 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 0035 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 0040 HYDRAULICS I 60 HRS.
Provides instruction and hands-on training for fluid power (hydraulics) as used in modern mobile equipment, includes practical theory and troubleshooting on hydraulic/pneumatic components.

KHVT 0060 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.

KITN 0200 INTRODUCTION TO PROGRAMMING 90 HRS.
Introduces computer programming and the different languages available. Includes flowcharts, getting to know computers, an introduction to basic and more advanced languages, designing a program, use of structure and managing controls.

KITN 0210 SECURITY PROFESSIONAL 90 HRS.
Learn to set up and establish a secure network system, includes authentication procedures, encryption standards and implementations and how to engage in proactive measures to protect the system.

KITN 0700 LINUX FUNDAMENTALS 90 HRS.
Learn the initial concepts, installation, commands and concepts, system management, file systems and devices, upgrades and compiles and other administrative tasks for the Linux+ exam.

KLCK 0120 VOCABULARY/COMMUNICATION SKILLS 38 HRS.
Content includes vocabulary associated with the food service industry. Food preparation and food presentation is stressed as well as good communication skills.

KMAT 0100 SHOP SAFETY 5 HRS.
Machine shop safety and vocabulary.

KMAT 0150 WORK ETHICS 5 HRS.
Students learn job performance and attitudes that employers expect from their employees.

KMAT 0200 MACHINE TOOLS 40 HRS.
Students learn the function and use of the tools used to machine metals.

KMAT 0205 MACHINE TOOLS 20 HRS.
Students learn the function and use of the tools used to machine metals.

KMAT 0290 EMPLOYMENT WORKSHOP 0 TO 10 HRS.
Prereq: Enrolled in the complete Machinist program. Students learn job seeking skills, resume writing, and interviewing skills necessary for job placement.

KMAT 0300 SHOP MATH 40 HRS.
Prereq: Math basic skills on the TABE test of 6.o. Application of machine shop math.

KMAT 0305 SHOP MATH 30 HRS.
Prereq: Math basic skills on the TABE test of 6.o. Application of machine shop math.

KMAT 0350 BLUE PRINT READING 40 HRS.
Students learn to reading and interpret mechanical drawings and apply them to machining projects.

KMAT 0355 BLUE PRINT READING 30 HRS.
Students learn to reading and interpret mechanical drawings and apply them to machining projects.

KMAT 0400 METALS 40 HRS.
Students learn the mechanical properties of common metals used in the machining applications.

KMAT 0405 METALS 30 HRS.
Students learn the mechanical properties of common metals used in the machining applications.

KMAT 0500 LATHE 100 HRS.
Students will learn to use a lathe for precision machining.

KMAT 0600 MILLING 100 HRS.
Students learn to use a milling machine.

KMAT 0700 GRINDING 40 HRS.
Students learn to use a surface grinder.

KMAT 0705 GRINDING 20 HRS.
Students learn to use a surface grinder.

KMAT 0800 QUALITY ASSURANCE 40 HRS.
Measurement and inspection techniques used in the machining industry.

KMAT 0805 QUALITY ASSURANCE 20 HRS.
Students learn measurement and inspection techniques used in the machining industry.

KMCB 0160 KEYBOARD SKILL BUILDING 103 HRS.
This course reinforces the touch method of keyboarding with, emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KMCB 0180 MEDICAL BUSINESS COMMUNICATION 50 HRS.
Students learn principles of English grammar, spelling, paragraph, essay, letter, and memo writing, proofreading, and dictionary and reference manual usage.

KMCB 0230 ADV MEDICAL CODING (CPT/HCPCS) 100 HRS.
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.

KMCB 0280 COOPERATIVE EXTERNSHIP 80 HRS.
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.

KMCB 0300 SPREADSHEETS (CORE) 35 HRS.
Students will learn skills required for building, editing, and formatting worksheets and charts, and working with formulas and functions.

KMCP 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 fingering.

KMCP 0130 TEN-KEY 30 HRS.
Students learn basic ten-key calculator concepts and applications using the touch method.

KMCP 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.

KMCP 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.

KMCP 0160 KEYBOARD SKILL BUILDING 78 HRS.
This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KMCP 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.

KMCP 0190 MEDICAL TERMINOLOGY 30 HRS.
Through lecture and video presentations, students learn 300 medical elements (roots, suffixes, and prefixes), with emphasis on pronunciation, definitions, and usage.

KMCP 0200 MEDICAL FILING 15 HRS.
This class covers basic concepts and rules governing medical filing including the correct use of terminology. Both theory and practical applications are covered.

KMCP 0210 ANATOMY/MEDICAL CODING,BILLING 40 HRS.
This class covers the basic human anatomy and physiology concepts required to help the student prepare for the AAPC and/or AHIMA National Certification Tests. Terminology will be covered with emphasis on body structure & systems.

KMCP 0220 ICD-9 CODING 30 HRS.
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.

KMCP 0230 MEDICAL CODING (CPT/HCPCS) 80 HRS.
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.

KMCP 0240 MEDICAL ACCOUNTING/PATIENT SOFTWARE 35 HRS.
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.

KMCP 0280 COOPERATIVE EXTERNSHIP 100 HRS.

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.

KMCP 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.

KMDT 0010 INTRODUCTION TO MEDIA DESIGN 90 HRS.

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.

KMDT 0020 GRAPHIC DESIGN APPLICATIONS 90 HRS.

Focuses on familiarizing students with graphic design principles including color, typography and layout.

KMDT 0030 DESIGN PRINCIPLES 158 HRS.

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.

KMDT 0040 COMPUTER ILLUSTRATION 90 HRS.

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.

KMDT 0050 MEDIA ETHICS AND LAW 30 HRS.

An introduction to ethical and legal issues associated with media design including privacy, free speech and protection of intellectual property rights.

KMDT 0100 DESIGN & INTERNET TECHNOLOGIES 90 HRS.

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.

KMDT 0110 WEB DESIGN FUNDAMENTALS 90 HRS.

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.

KMDT 0120 WEB DESIGN AUTHORIZING 120 HRS.

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.

KMDT 0140 WEB DESIGN ANIMATION 90 HRS.

An introduction to a variety of elements involving web site animation. Learn applications that allow a web designer to create a variety of graphic objects that add visual stimulation to the web site.

KMDT 0170 ELECTRONIC PORTFOLIO 120 HRS.

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.

KMDT 0205 INTERACTIVE MEDIA SCRIPTING 90 HRS.

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.

KMDT 0210 WEB DEVELOPER FINAL PROJECT 120 HRS.

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.

KMDT 0220 WEB PROGRAMMING INTRODUCTION 120 HRS.

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.

KMDT 0230 WEB APPLICATION SCRIPTING I 120 HRS.

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.

KMDT 0240 WEB APPLICATION SCRIPTING II 120 HRS.

Learn the advanced video capturing and editing techniques used in non-linear and linear editing programs on desktop computers. An introduction to production assignments and staffing, camera operation and positions and graphics.

KMDT 0300 DESKTOP PUBLISHING FUND 90 HRS.

An essential course for anyone looking for jobs in printing companies or prepress service bureaus. Learn the fundamentals of desktop publishing design and layout, and detailed use of at least one major publishing software program

KMDT 0310 IMAGE EDITING 90 HRS.

Edit, combine and manipulate digital images using industry standard software. Projects include creating line art, retouching damaged photos, building panoramic scenes, making digital collages and adding special effects.

KMDT 0320 DESKTOP PUBLISHING APPS 90 HRS.

Designed to teach skills for creating document layouts that are ready for printing and Web distribution using leading industry publishing software such as Quark XPress. Maximize productivity for producing many different documents.

KMDT 0400 COMPUTER ILLUSTRATIONS 90 HRS.

An introduction to concepts, technical information and artistic requirements for completing a successful illustration using the computer as the medium. Includes creative techniques for drawing, designing, filling and blending.

KMDT 0450 COMPUTER GRAPHICS 90 HRS.

The course is designed to teach fundamental techniques and principles for editing images. Creation of digital and photo images from scanning or video capture will also be covered.

KMDT 0520 VIDEO PRODUCTION I 90 HRS.

Covers the fundamentals of video capturing and video editing and detailed instruction in the use of non-linear editing programs including types of effects, titles, audio effects, equalization, videotape masters and EDLs.

KMDT 0530 VIDEO PRODUCTION II 90 HRS.

Learn the advanced techniques of analog editing and detailed instruction in the use of non-linear and linear editing programs, includes production assignments, video standards, camera operation and positions and studio scenery.

KMDT 0800 MULTIMEDIA DESIGN/DEVELOPMENT 180 HRS.

Create interactive computer applications delivered on CD, DVD, Internet or other delivery media using the elements of text, graphics, animation, sound video and digital imaging.

KMNA 0112 NETWORKING TECHNOLOGIES 165 HRS.

Prereq: KCMS 0115 or Instructor approval, A+ Certification is recommended. 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.

KMNA 0125 CONFIGURING WINDOWS CLIENTS 150 HRS.

Prereq: Completed Computer Support Specialist program, have CompTIA A+ certification, or instructor approval. 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.

KMNA 0127 CONFIGURING WINDOWS CLIENTS 180 HRS.

Prereq: KCMS 0115 or Instructor approval. 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.

KMNA 0135 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 MCSA Server exam.

KMNA 0137 SERVER ENVIRONMENT MANAGEMENT 200 HRS.

Prereq: KMNA 0127 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 MCSA Server exam.

KMNA 0190 NETWORK SECURITY 165 HRS.
Prereq: KMNA 0150 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 MCSA 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, VPNs, 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 70-646).

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 THRY/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.

KNEG 0150 NETWORK INFRASTRUCTURE 150 HRS.

Prepares students for MCSE exam 70-216: implementing and administering a Windows 2000 Network Infrastructure. Students learn to install, manage, monitor, configure, and troubleshoot Microsoft services such as DHCP and DNS.

KNEG 0160 ADMINISTER DIRECTORY SERVICES 160 HRS.

Prepares student for MCSE exam 70-217 which measures the ability to install, configure, and troubleshoot the Windows 2000 Active Directory security solutions. Included are skills to manage, monitor, and optimize the desktop.

KNEG 0170 DESIGNING DIRECTORY SERVICE 100 HRS.

Prepares student 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.

KNEG 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.

KNEG 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.

KNEG 0205 COOPERATIVE INTERNSHIP 80 HRS.

Prereq: Complete competencies for all other courses in KNEG 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.

KNEG 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.

KNEG 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.

Prereq: 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 exam.

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.

KNTE 0550 MANAGE WIN NETWORK ENVIRONMENT 90 HRS.

Learn the basics of managing, administering, supporting and troubleshooting information systems for Windows. Prepares for MCP, MCSA and MCSE exam.

KNTE 0560 DESIGN WIN NET INFRASTRUCTURE 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.

KNTE 0570 DESIGN SECURITY/WIN. NETWORK 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.

KNTE 0580 ADMINISTER WINDOWS DIRECTORY SERVICE 90 HRS.

Provides skills needed to install, configure, manage, monitor and troubleshoot Windows Active directory and DNS for Active Directory. Prepares for MCSE certification exam.

KNTE 0650 ADMINISTERING SQL SERVER 120 HRS.

Install, configure and troubleshoot a 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.

KOFC 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.

KOFC 0115 BEGINNING SKILL BUILDING 50 HRS.

Prereq: KOFC 0110. Reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KOFC 0130 TEN-KEY 40 HRS.

Reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KOFC 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.

KOFC 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.

KOFC 0160 KEYBOARD SKILL BUILDING 108 HRS.

This course reinforces the touch method of keyboarding, with emphasis on attaining the speed, accuracy, and knowledge necessary for an entry-level job.

KOFC 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.

KOFC 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.

KOFC 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.

KOFC 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.

KOFC 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.

KOFC 0210 SPREADSHEETS (MS EXCEL EXPERT) 35 HRS.
Prereq: KOFC 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.

KOFC 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.

KOFC 0230 OFFICE PROCEDURES 15 HRS.
Students learn business alphabetic filing skills and other basic office procedures.

KOFC 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.

KOFT 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 fingering.

KOFT 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.

KOFT 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.

KOFT 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.

KOFT 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.

KOFT 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.

KOFT 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 speller and thesaurus, also formatting letters, memos, and tables.

KOFT 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.

KOFT 0210 SPREADSHEETS 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.

KOFT 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.

KOFT 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.

KOIS 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.

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.
Hands-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.

KPDR 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.

KPDR 0200 PROFESSIONAL TRUCK DRIVING-120 120 HRS.

Prereq: Motor Vehicle Report for current driving record, no DUIs within past two years, current DOT medical card, 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.

KPDR 0290 EMPLOYMENT WORKSHOP 0 TO 10 HRS.

Students learn job seeking skills, resume writing, and interviewing skills necessary for job placement.

KPDR 0330 EXTENDED DRIVING EXPERIENCE 40 HRS.

Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs 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.

KPDR 0450 DRIVING EXPERIENCE 24 HRS.

Prereq: Motor Vehicle Report (MVR) for current driving record, no DUIs 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.

KPHT 0107 PHARMACY CLINICALS 180 HRS.

An opportunity for students to demonstrate their administrative and clinical skills in a local pharmacy.

KPHT 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 cored 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 NDT 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.

Prepares 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.

LAND 1120 LANDSCAPE WATER CONSERV./ELECT. 5 CR.
Prereq: LAND 1110. This course introduces electrical theory for AC, DC, and low voltage applications. Electrical safety is strongly emphasized. Water conservancy through proper usage and variety of landscape practices.

LAND 1210 SMALL ENGINE REPAIR/MAINTENANCE 5 CR.
Prereq: LAND 1120 Designed to introduce apprentices to internal combustion, 2 and 4 cycle small engine theory and practical application. Preventative maintenance, fuel mixtures, repair and service are all introduced.

LAND 1220 PEST MANAGEMENT/SUSTAINABLE LANDSCAPES 5 CR.
Prereq: LAND 1210 Controlling pests through proper management practices & application of pesticides. Various landscapes & typical control methods for preventing destruction by pests. Proper personal protection when making these control applications.

LAND 2310 FUND. /SOIL SCIENCE & HORTICULTURAL SCIENCE 5 CR.
Prereq: LAND 1220 Designing and sustaining soils for a variety of plant proliferation. Desirable plants for varying soil conditions and watering practices. Application of fertilizers, how much, when, and for what vegetation.

LAND 2320 WOODY PLANT MAT/TURFGRASS MGT 5 CR.
Prereq: LAND 2310 Theory, application of woody plant materials, management of various applications, and consistent practices for control and management of plants and materials. Maintenance and care of turf grass through proper fertilization and care.

LAND 2410 ARBOR CULTURE 5 CR.
Prereq: LAND 2320 Cultivation of tree and wooded plant growth through proper soil conditions, water management and training practices.

LAND 2420 ANNUAL/PERENNIAL. PLANT MATERIALS 5 CR.
Prereq: LAND 2410 Good landscaping practices through the utilization of annual and perennial plants with added available color variety and sustaining growth habitats.

LE 1000 EPORTFOLIOS 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 component 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. Students 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 personal 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 lineman 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 lineman apprentices. It introduces metering, rigging, pole work, care and testing of equipment, distribution. Students will learn about safety, overhead maintenance, pole framing and guying.

LINE 1210 LINEMAN APPRENTICE 2A 5 CR.
Prereq: LINE 1120 or departmental approval. This course is for lineman apprentices. It introduces line equipment, tree trimming, hydraulic derricks 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 lineman apprentices. It introduces line equipment, transformers, safety and distribution. 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 lineman apprentices. It introduces compressors, transformer connections, underground 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 lineman 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 lineman apprentices. It introduces reading electrical diagrams, transformers, splicing and meters. Students will learn about cable termination, troubleshooting, safety and fault location.

LINE 2420 LINEMAN APPRENTICE 4B 5 CR.
Prereq: LINE 2410 or departmental approval. This course is for lineman 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 overviews 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 overviews the public service areas of information centers. Reference, ILL, Media, Systems, Government Documents, Institutional Repository, Circulation and Reserves, are discussed.

LIS 1500 LIBRARY TECHNICAL SERVICES 3 CR.
Course overviews 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. Information 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. Religion, Mythology, Visual/Performing Arts, Business, Language, Law, Political Science, Economics, History, Sociology, Education, Anthropology, Geography, and Communication are covered.

LOG 2000 TRANSPORTATION CO-OP 1 TO 4 CR.

Prereq: Sophomore status and instructor's approval. Supervised work experience in business, industrial or government 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/PHLEBOTOMY 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.

S/F 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, assist with examinations, such as OB/GYN, peds, & nutrition.

MA 1610 PRACTICAL PATIENT CARE 4 CR.

Prereq: Concurrent with MA 1600. Course applies practical skills taught in MA 1600. Competencies include medical/surgical asepsis, patient 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 2300 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. S/F 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 & principals of basics of x-ray exams in the office. It includes physics as it pertains to x-ray, use and care of machine, proper mass KvP and time, 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 ident. 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 MA 2600. 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/74%. Students are placed into a health care facility for 200 hrs. unpaid supervised 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, MA2550 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 spines, 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 -ORACT 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, negative 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 collaborative learning.

MATH 1020 MATH HEALTH DISCIPLINES (QS) 3 CR.

Prereq: RDG 0900, Either (1) a grade of C or higher in MATH 0920 or MATH 0950 or (2) CPT placement into MATH 0990 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 0990, Within the last year, one of the following: MATH 1010 with C or appropriate CPT score. The course focuses on the development of analytical thinking through the application of math to real-life problems. Topics include modeling, logic, financial math, probability, statistics, and geometry.

MATH 1040 INTRODUCTION TO STATISTICS (QL) 3 CR.

Prereq: RDG 0990, Within the last year, one of the following: MATH 1010 with C or appropriate CPT score. Descriptive and inferential statistical 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, ACT score of 22 or better, CPT score of 43 on the college algebra section. Scientific notation, systems of units, equations, linear systems, quadratic, polynomial, rational, and exponential functions, logarithms, roots and radicals, overview of statistics, includes major-specific curriculum modules.

MATH 1050 COLLEGE ALGEBRA (QL) 4 CR.

Prereq: RDG 0990, 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 supplement 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 triangle trigonometry, amplitude, period, phase shift, identities, trig equations and inverse trig functions, oblique triangles, polar coordinates, vectors, complex numbers, conics, includes major-specific modules.

MATH 1060 TRIGONOMETRY 3 CR.

Prereq: RDG 0990, 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 literacy requirement for transfer students nor is it a required course for any program.

MATH 1090 COLLEGE ALGEBRA-BUSINESS (QL) 3 CR.

Prereq: RDG 0990, Within the last year, one of the following: MATH 1010 with C or appropriate CPT score. Topics include: graphs, linear, quadratic, logarithmic, and exponential functions, matrices, systems of equations and inequalities, Leontief models, compound interest, geometric and arithmetic series, loans and annuities.

MATH 1210 CALCULUS I 4 CR.

Prereq: MATH 1060 with a C or above within the last year. Topics include: limits, derivatives of algebraic and transcendental functions, applications of differentiation, integration, the Fundamental Theorem of Calculus, the technique of substitution, and finding the area between curves.

MATH 1220 CALCULUS II 4 CR.

Prereq: MATH 1210 with a C or above within the last year. Topics include applications and techniques of integration, parametric equations and polar coordinates, Taylor and power series, and 3-dimensional analytical geometry and vectors. Certain sections taught using service-learning.

MATH 2000 MATH CO-OP 1 TO 2 CR.

Standard CO-OP. Prereq: Sophomore standing with GPA of 2.0, study-related employment and approval of Director of Cooperative Education

MATH 2010 MATH FOR ELEMENTARY TEACHERS I 3 CR.

Prereq: MATH 1050 with a C or above. Topics include problem-solving techniques, sets and logic, number theory including properties and operations, mental arithmetic, estimation, and topics in algebra. Technology projects, and manipulatives are utilized in this course.

MATH 2020 MATH FOR ELEMENTARY TEACHERS II 3 CR.

Prereq: MATH 2010. Topics include probability, statistics, measurement, two and three-dimensional geometry including tessellations, Euclidian constructions, and transformations. Pedagogical procedures of Math 2010 are continued in this course.

MATH 2040 STATISTICS FOR APPLIED SCIENCE 4 CR.

Prereq: Within the last year, completion of MATH 1050 with a C or better or an appropriate CPT/ACT score. Includes sampling design, descriptive statistics, probability, mathematical expectation, probability distributions, sampling distributions, estimation, hypothesis testing, inference on categorical data, analysis of variance, linear regression analysis, and correlation.

MATH 2210 MULTIVARIATE CALCULUS 3 CR.

Prereq: MATH 1220 with a C or above. This is the third semester of the calculus series. Topics include partial derivatives, multiple integrals, curves and surfaces, vector calculus including Green's and Stoke's theorems.

MATH 2250 DIFFERENTIAL EQUATIONS/LINEAR ALGEBRA 4 CR.

Prereq: Completion of a second semester or third quarter Calculus course with a grade of C or better within the last year. Concurrent enrollment in MATH 2210 and MATH 2250 requires departmental approval. Ordinary differential equations with applications to mechanics, electrical circuits, and populations, qualitative analysis, Introduction to numerical methods, Laplace transforms, linear algebra applied to solution spaces, systems of differential equations.

MATH 2270 LINEAR ALGEBRA 4 CR.

Prereq: MATH 1220 with a C or above. Theory and application of matrices, linear systems, determinants, inverses, vector spaces, linear independence, linear transformations, eigenvalues and eigenvectors, diagonalization, least squares approximation. Includes computer projects.

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 w/ 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 2.0 GPA and approval

MEEN 2010 STATICS 3 CR.

Prereq: MATH 1210, PHYS 2210. Principles of forces, moments & couples, resultant & static equilibrium of general force systems, statically equivalent systems, center of gravity & pressure, friction, free body method of analysis. Principles applied to engineering problems.

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 2250. 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 samplings 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.

MGT 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.

MGT 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 & patents.

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 and 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 2950 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 2960 ENTREPRENEURSHIP FORUM 1 CR.

Prereq: MGT 2950. Speakers selected from successful business owners across the 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.

Prereq: Variable. Topics include Production/Operations Planning and Control, Project Management, Inventory Management, Economic Analysis, Work Design/ Measurement, Management of Automated Manufacturing Systems, and Introduction to Enterprise Resource Planning (ERP)

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 2020 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 2350, 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 1010 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 1020 INTRODUCTION TO LEADERSHIP II 2 CR.

Continued leadership development and confidence building through practical exercises.

MLS 1060 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 FUNDAMENTALS & 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 PERFORM 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 and 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 dielectronic 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.**
Prereq: MUSC 1100 or equivalent proficiency (test given first day.) Co-req: MUSC 1130 for Music majors. First semester of a four-semester series. Materials to be covered: music fundamentals, beginning harmonic progression and voice leading. Co-requisite: MUSC 1130.
- 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 (ID) 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/ELEC 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. instruments, 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 1660 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.**
Prereq: MUSC 1660. Music theory for guitar. Includes scales, intervals, triads and seventh chord relationships, non-harmonic tones, phrase structures, cadences, secondary dominate and modulations. Popular and classic styles.
- 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 SS-ET I, 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 (LN) 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 Navajo 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 radiographic 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 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 1213 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 1355 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 FUNDAMENTALS 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 1350. 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. NSG 1505 must be taken concurrently. Introduces students to family centered pediatric nursing care of infants, children, adolescents and their families across the health continuum in body systems. NSG 1505 and NSG 1500 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 1505 and NSG 1500 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 the first year of nursing. NSG 1805 must be taken concurrently. Prepares the qualified student to transition into the role of practical nurse. The nursing process and critical thinking skills are utilized in the study and application of contents essential to client care across the health continuum. 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 1250, 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 INDEPEND 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, work settings and specialty areas. Ethics, standards, legal issues and behavior addressed. Visits to local clinicians and field trips scheduled.

OTA 1100 FUNCTIONAL ANATOMY 4 CR.
Prereq: OTA 1020. Students to explore neuro-musculo-skeletal anatomy in depth. The relationship to function and occupation will be studied. Topics of neuroanatomy, musculo-skeletal systems covered.

OTA 1120 OT MODALITIES I LECTURE 2 CR.
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.

OTA 1130 OT MODALITIES I LAB 1 CR.
Prereq: OTA 1020. Students learn practical application of lecture content.

OTA 1140 PHYSICAL DYSFUNCTION LECTURE 3 CR.
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.

OTA 1150 PHYSICAL DYSFUNCTION LAB 1 CR.
Prereq: OTA 1020. Students learn practical application of lecture content. Designated as a service-learning course.

OTA 1170 PHYS DYSFUNCTION FIELD WK I EX 2 CR.
Prereq: OTA 1020. Students will obtain clinical experience in adult physical dysfunction specialty area. FW sites will be arranged by OT faculty & will consist of 30 hours of off-campus observation and participation at a physical rehab facility. Designated as a service-learning course.

OTA 1180 OT DOMAIN & PROCESS 2 CR.
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.

OTA 1210 OT PROFESSIONAL ISSUES I 2 CR.
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.

OTA 1220 OT MODALITIES II LECTURE 2 CR.
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.

OTA 1230 OT MODALITIES II LAB 1 CR.
Prereq: OTA 1130. Students learn practical application of lecture content. Designated as a service-learning course.

OTA 1240 PHYSICAL DYSFUNCTION II 3 CR.
Prereq: OTA 1100, OTA 1110, concurrent with OTA 1250. Students learn how occupational performance is affected by human motion across the life span & types of disabilities. Students learn how OT interventions & community resources impact functional performance. Designated as a service learning course.

OTA 1250 PHYSICAL DYSFUNCTION II LAB 1 CR.
Prereq: OTA 1100, OTA 1110, concurrent with OTA 1240. Students learn practical application of lecture content. Designated as service-learning course.

OTA 1270 PEDIATRIC FW EXPERIENCE 2 CR.
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.

OTA 1280 PEDIATRIC/ADOLESCENCE LECTURE 3 CR.
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.

OTA 1290 PEDIATRIC/ADOLESCENCE LAB 1 CR.
Prereq: OTA 1100, OTA 1110. Students learn practical application of lecture content.

OTA 2310 OT PROFESSIONAL ISSUES II 2 CR.
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.

OTA 2320 OT MODALITIES III LECTURE 2 CR.
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.

OTA 2330 MODALITIES III LAB 1 CR.
Prereq: OTA 1130, OTA 1230. Students learn practical application of lecture content. Designated as a service-learning course.

OTA 2340 PSYCHOSOCIAL BEHAVIOR 3 CR.
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.

OTA 2350 GERIATRICS 3 CR.
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.

OTA 2380 PSYCHOSOCIAL/GERI FW I EXPER 2 CR.
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.

OTA 2450 FIELDWORK EXPERIENCE II PART 1 6 CR.
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.

OTA 2460 FIELDWORK EXPERIENCE II PART 2 6 CR.
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.

OTA 2960 OT AND PT IN THE WORKPLACE 2 CR.
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.

OTA 2990 SPECIAL TOPICS 2 CR.
Prereq: Instructor's approval. This course will cover special topics such as: Review materials for NBCOT Exam. Enrollment requires faculty approval.

PED 1010 INTRODUCTION TO PARAEDUCATION 3 CR.
This course overviews concepts relevant to paraeducation including working with teachers, relating to students with disabilities, history of special education services, legal issues and communication techniques.

PED 1500 BEHAVIORAL OBSERVATIONS 2 CR.
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.

PED 1700 COLLABORATION IN THE CLASSROOM 3 CR.
Prereq: PED 1010. Designated as a service-learning course. A student successfully completing this class will combine the historical foundations and rational with definitions and dimensions of interactive teams for a solid foundation in collaboration within the educational community.

PED 2100 HEALTH NEEDS IN THE CLASSROOM 3 CR.
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.

PED 2150 INTRODUCTORY EXPERIENCE 3 CR.
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.

PED 2160 INTRODUCTION EXPERIENCE PRACTICUM 1 CR.
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.

PED 2200	INTRODUCTION TO DEAFBLINDNESS	3 CR.	PFA 2155	WELDING V	2 CR.
This 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.			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.		
PED 2250	COMMUNICATION AND INTERACTION	3 CR.	PFA 2156	WELDING VI	2 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.			Structural welding including flat horizontal, vertical, and overhead welding. Weld defects and the properties of metals. Destructive testing and welding procedures for code work.		
PED 2260	DEAFBLINDNESS W/ DISABILITIES	3 CR.	PFA 2157	WELDING VII	2 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.			Advanced welding practices in the pipefitting industry, preparation for certification and code welding methods.		
PED 2990	SPECIAL STUDIES IN PARAED	1 TO 3 CR.	PFA 2158	WELDING VIII	2 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.			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 1110	TRADE RELATED MATH	2 CR.	PFA 2159	WELDING IX	2 CR.
Applied related grade math required for the core curriculum success of each student. This course covers basic math through Triangular Trigonometry.			Advanced plate welding and certification. Introduction to pipe welding.		
PFA 1111	SOLDERING AND BRAZING	2 CR.	PFA 2160	WELDING X	2 CR.
Theory and application of soldered and brazed joints, pipe preparation, and reaming.			Advanced welding practices in the pipefitting industry, preparation for certification and code welding methods.		
PFA 1140	PRINCIPLES OF TECHNOLOGY	2 CR.	PFA 2161	PIPE BENDING	2 CR.
This class will provide training in basic principles of physics and practical examples that relate to the industry.			Theory and application of practical pipe bending and methods utilized in the industry.		
PFA 1150	JOB SAFETY AND HERITAGE	2 CR.	PFA 2162	ORBITAL WELDING	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.			This course will include study and training on industry specific power supplies, weld heads & preparation for orbital welding certification.		
PFA 1160	USE AND CARE, PIPE FITTINGS	2 CR.	PFA 2311	PUMPS AND STEAM SYSTEMS	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.			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 1170	PLUMBING SCIENCE & MECHANICS	2 CR.	PFA 2331	BRAZING, COMPRESSOR OVERHAUL	2 CR.
Course includes the basics of theory involving water, steam, hydraulics, pneumatics, & metals in preparation for deeper understanding of the trade.			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 1210	GAS INSTALLATIONS	2 CR.	PFA 2350	DRAINAGE I	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.			Utilization of drainage in commercial and industrial applications including various materials, applicable piping for drainage systems, installation and joint connections.		
PFA 1211	HYDRONIC HEATING COOLING SYS	2 CR.	PFA 2351	DRAINAGE II	2 CR.
Hydronics is the science of heating and cooling with water. Curriculum includes technical aspects of design, calculation, and installation of hydronic systems.			Industrial and commercial drainage systems, sumps, drain fields, hazardous material handling.		
PFA 1250	BASIC ELECTRICITY	2 CR.	PFA 2360	WATER SUPPLY I	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.			Water supply systems including potable and non-potable water systems. Material usage and application.		
PFA 1260	DRAFTING AND PLAN READING	2 CR.	PFA 2361	WATER SUPPLY II	2 CR.
This course provides the student with basic principles and practices of plan drafting and interpretation.			Advanced water supply system study including commercial and industrial applications.		
PFA 2151	WELDING I	2 CR.	PFA 2441	ADVANCED PLAN READING	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.			Study of isometric pipe and plumbing drawings and shop drawings as used in the industry.		
PFA 2152	WELDING II	2 CR.	PFA 2450	BUILDER'S LEVEL AND SPECIAL INSTRUMENTS	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.			Instruction in the set-up and use of a builder's level, lasers, and special instruments for layout and leveling.		
PFA 2153	WELDING III	2 CR.	PFA 2460	HYDRONICS SYSTEMS	2 CR.
Advanced plate welding and certification. Introduction to pipe welding.			Advanced course in hydronics systems, use and installation and fabrication of joints and materials.		
PFA 2154	WELDING IV	2 CR.	PFA 2470	PLUMBING FIXTURES, APPLIANCES	2 CR.
Advanced welding practices in the pipefitting industry, preparation for certification and code welding methods.			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 300 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, & 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 DECSN-MAKNG (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 extensionism, 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.
Conceptual survey course in introductory physics. For nonscience majors. Principles of mechanics, heat, light, sound, electricity, magnetism, and modern physics.

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 2015. 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 PHY 2010, based on the lecture class. Though not required, students are strongly encouraged to register for this session.

PHYS 2015 COLLEGE PHYSICS LAB I 1 CR.
Prereq: concurrent with PHYS 2010. Graded laboratory concurrent with PHYS 2010.

PHYS 2020 COLLEGE PHYSICS II 4 CR.
Prereq: PHYS 2010, concurrent with PHYS 2025. Continuation of PHYS 2010. 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 2020, 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 2020. Graded laboratory concurrent with PHYS 2010.

PHYS 2210 PHYSICS FOR SCI & ENG I 4 CR.
Prereq: MATH 1210, concurrent with PHYS 2215. For engineering and science majors. Mechanics and Newton's laws presented with calculus. Gravity, energy, momentum, fluid mechanics, oscillations, waves, and thermodynamics. Use of computers in problem-solving.

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.
Prereq: PHYS 2210, MATH 1220, concurrent with PHYS 2225. Continuation of PHYS 2210. Laws of electricity and magnetism, AC circuits, optics and waves. Use of computers in problem solving.

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-WIND 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 1150, 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 1150. 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 1155, 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 1155, 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 FIXD-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 Std. 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 1150, concurrent w/ PILT 2220. Student will obtain the knowledge, skill, and aeronautic 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 1150, 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 CERT 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 LB II 2 CR.
Prereq: PILT 2205. 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 CFI/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 CFI/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 Appendix F.

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 CFI GROUND SCHOOL 3 CR.
Prereq: PILT 2100. 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 CFI/INSTRUMENT FIXED-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 CFI/INSTRUMENT ROTOR-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 CFI/ Instrument Rotorcraft-Helicopter Practical Test Standards.

PILT 2400 CFI/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 2455 UTILITY OPER ROTOR-WING LAB 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 A 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 I B 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 (QS) 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.

PLI 2510 PLUMBING LABS 5 CR.
Special course requested by the Utah State Licensing Board for applicant plumbers to review lab projects prior to retaking practical journeyman's examination.

PLI 2990 PLUMBING SPECIAL STUDIES 5 CR.
Special course requested by the Utah State Licensing Board for applicant plumbers to review lab projects prior to retaking practical journeyman's examination.

PLI 2991 PLUMBING SPECIAL PROJECTS II 5 CR.
Special course requested by the Utah State Licensing Board for applicant plumbers to review theory and code issues prior to retaking the written portion of the journeyman's examination.

PLS 1010 INTRODUCTION TO LAW 3 CR.
Introductory course into the study of law and the legal system. Students will be introduced to legal vocabulary terms, critical thinking and legal reasoning and analysis. Course will also overview most substantive areas of law. Paralegal majors must complete this course with a grade of B or better.

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 memoranda 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 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 1010 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 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 memoranda.

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 STUDIES 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 1020 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 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 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/2.0GPA, 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 change 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 neuroanatomy 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 EXER 2 CR.
Prereq: Admission into technical portion of program. Students learn the principles and techniques of therapeutic exercise.

PTA 2310 PRINC OF THERAPEUTIC EXER 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: Completion prior sem courses per established curriculum plan. 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 sociological, 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 WORK PLACE 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.
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 RAD. 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 Atomic structure, imaging equipment, grids, beam restriction, film screens, and processing. Properties of x-rays and radiographic quality to include density, contrast, detail and distortion.

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, asepsis and infection control, history taking, communication and patient education.

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 osteoporosis. 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, and trouble-shooting.

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.

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 2300 CONVERSATION 1 CR.
Prereq: RUS 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.

RUS 2700 INTRODUCTION TO LITERATURE 3 CR.
Prereq: RUS 2010 or RUS 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.

RUS 2710 INTRODUCTION TO RUSSIAN FILM 3 CR.
Prereq: RUS 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 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 & work with the instructor on an individual basis. Topics may be in language or culture. Lab may be required. May be repeated for credit.

SAM 2010 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 2020 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 set-up 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 class examines the nature of marriage and family 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 class introduces problems concerning the social role of the aged in industrial societies and the general field of aging. Biological, 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 students 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 functional 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, 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.

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, reading, 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 challenges. 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 challenges. 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 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.

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 specific interests in Spanish language and culture. Lab attendance required. May be repeated for credit.

SUBE 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.

SUBE 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.

SUBE 1210 SUBSTATION APPRENTICE 2A 5 CR.
Prereq: SUBE 1120 or departmental approval. Substation apprentices will learn about safety in substations & switchyards, electromagnetic induction, high voltage AC power, transformers, reading electrical system diagrams, and use of electrical test & line test equipment.

SUBE 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.

SUBE 2310 SUBSTATION APPRENTICE 3A 5 CR.
Prereq: SUBE 1220 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.

SUBE 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.

SUBE 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, inferred conditioning monitoring, corona discharge testing, and multi-meter operation and use.

SUBE 2420 SUBSTATION APPRENTICE 4B 5 CR.
Prereq: SUBE 2410 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 education 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.

SURG 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 personnel in facility. Student is expected to meet certain objectives.

SVT 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.

SVT 1030 SURVEYING FIELD TECHNIQUES I 3 CR.
Prereq: SVT 1110 or MATH 1060. 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.

SVT 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.

SVT 1120 SURVEYING MATH II 4 CR.
Prereq: SVT 1110 Encompasses survey applications of astronomical observations, state plane coordinate systems, error analysis, restoration of lost corners, least square adjustment, horizontal control networks.

SVT 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.

SVT 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 mineral surveys & official survey documents.

SVT 2030 SURVEYING FIELD TECHNIQUES II 3 CR.
Prereq: SVT 1030. Field experience in construction surveying and staking, encompassing GPS fundamentals, radial surveying, robotics, total stations, data collection methods, coordinate creation/ adjustment, public lands/state plane coordinate systems, etc.

SVT 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.

SVT 2050 LEGAL DESCRIPTIONS 3 CR.
Prereq: ENGL 2100, SVT 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.

SVT 2060 ETHICS AND LIABILITY 2 CR.
This is a course study of professional practice(s) with emphasis on survey liability cases.

SVT 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.

SVT 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.

SVT 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.

SVT 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.

SVT 2170 LAND BOUNDARY LAW II 2 CR.
Prereq: SVT 2160 recommended but not required. Course studies researching of common law, location of sequential conveyances, location of simultaneous conveyances and unwritten transfers.

SVT 2200 PUBLIC RECORDS 2 CR.
Prereq: SVT 2160, SVT 2170 or concur. & SVT 2050 or concur. Students will study public records relating to land and its governing laws. This course requires tours of local record systems & law libraries. Extensive research & how to access & use the various systems will be explored.

SVT 2290 APPLIED SURVEYING DRAFTING 3 CR.
Prereq: EDDT 2190 and SVT 1030. This course is to develop a working knowledge of CAD as it relates to the profession of land surveying. Designing and drafting plats, utility master plans, digital terrain models, plan and profile sheets, and layouts from legal descriptions will be covered.

SVT 2990 SPECIAL TOPICS 1 TO 3 CR.
Prereq: instructor approval. This course is designed so the students can work on special individualized projects under the supervision of the instructor.

SW 1010 INTRODUCTION TO SOCIAL WORK 3 CR.
This is an introduction to the multi-skilled, multidisciplinary role of the social worker within the community.

SW 1900 INDEPENDENT STUDIES 1 TO 2 CR.
Prereq: SW 1010. Under the instructor's supervision, students will develop and follow an individualized curriculum.

SW 2100 HUMAN BEHAVIOR IN SOC ENVIRONMENT 3 CR.
This course will introduce students to the dynamics of human behavior in the social environment focusing on the interrelatedness of the biological, psychological and social dimensions of human behavior.

SW 2230 INTRODUCTION GROUP THERAPY PROCESS 2 CR.
Prereq: SW 1010, SW 2100. This is an applied workshop-styled experience where students will experience group dynamics through the classroom process.

SW 2280 DRUGS AND ALCOHOL ABUSE 2 CR.
Prereq: SW 1010. Drugs and alcohol abuse and its effect on individuals, as well as intervention variables from a social work perspective will be studied.

SW 2650 SOCIAL WELFARE POLICY 3 CR.
Students will examine the development of social welfare policies and programs in the United States as well as legislation that sanctions social services programs.

SW 2720 MENTAL HEALTH 2 CR.
Prereq: SW 1010. This course examines society's attempts in understanding and treating mental illness.

SW 2750 ETHICS/SOC WORKERS PROFESSIONALS 2 CR.
Prereq: SW 2230, SW 2710. Course examination of complex ethical aspects faced by social workers in professional practice. Useful techniques and tools will be introduced to develop ethically appropriate professional behavior.

SW 2900 SPECIAL TOPICS 1 TO 3 CR.
This is a course designed by faculty which allows students to explore specific interests in social work in a classroom setting.

SW 2920 FIRST SOCIAL WORK INTERNSHIP 2 CR.
Prereq: SW 2750. This course is offered to social work students at the culmination of their coursework. It is a supervised work experience in a social work setting in a community agency.

SW 2930 SECOND-YEAR SOC WORK INTERNSHIP 3 CR.
Prereq: SW 2920. This is supervised work experience in a social work setting in a community agency. This course may be taught with a service-learning component. Check course schedule for details.

TECH 1010 TECHNOLOGY AND THE FUTURE (ID) 3 CR.
Course looks at the past, present and future of technology and its impact on society and the individual. Through discussions, videos, demonstrations, and opportunities to create or evaluate new inventions, you will explore the future of your life and work.

TED 1010 INTRODUCTION TO UTAH SCHOOLS 3 CR.
Course provides an overview of the Utah public school system for professional educators from foreign countries. Topics include curriculum, laws, special education and the history of education to prepare students for state licensure.

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 improvisation, 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 2513. 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 1223 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 introduction 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 enrollment 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 w/ 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 their areas of study, performance 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 performance 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 aesthetic 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 w/ THEA 1171. Students will learn advanced design, construction and rigging techniques, drafting elevation 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 specific 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 survival & 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 situations. Emphasis is on proficiency. Attendance in lab is required.

TNG 1300 BEGINNING CONVERSATION 1 CR.
Prereq: TNG 1010 or instructor's approval. Beginning Tongan 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.

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. Emphasis 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. Emphasis is on proficiency. Attendance in lab is required.

TNG 2300 INTERMEDIATE CONVERSATION 1 CR.
Prereq: TNG 1020 or instructor's approval. Intermediate Tongan 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.

TNG 2900 SPECIAL TOPICS IN TONGAN 1 TO 3 CR.
This is a course designed by faculty which allows students to explore specific 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 w/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 fare 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.

VET 1130 WARD CARE I 1 CR.

Prereq: VET 1010, Concurrent with VET 1120. Practical experience in daily animal care for professional, stable and ward facilities. Keeping patient records, supplying proper nutrition, handling post-surgical patients and treatments.

VOC 2000 COOPERATIVE EDUCATION 1 TO 3 CR.

Work experience for credit. Can be applied toward vocational /technical elective credits in the General Studies Program. Students may earn 1 to 3 credits per semester, and 6 credits total.

WLD 1241 FLUX CORE, PIPE FABRICATION LAB 7 CR.

Prereq: WLD 1230, WLD 1231, or equiv, concurrent w/WLD 1240 Practical Lab application of flux core arc welding (FCAW), submerged arc welding (SAW), pipe welding and layout, fabrication, and pipe welding techniques. Emphasis on A.W.S. Certification prep.

WLD 1260 BLUEPRINT FOR WELDING 3 CR.

Study of welding, blueprint reading and drawing. Special study of pipe symbols, welding symbols and layout work.

WLD 1299 SPECIALTY TRAINING WELDING 1 TO 8 CR.

Prereq: Instructor approval. Designed to assist students to obtain specialized training specific to industry needs. Is taught on an as needed basis when requested by industry with variable contact and credit hours.

WRTG 0900 BASIC WRITING 5 CR.

Prereq: ACT score of 14-15 or CPT score of 40-57 or ESL 1010 and ESL 1020 w/C or better for non-native speakers. Designed for students with little writing experience. Introduces them to the writing process while building confidence and fluency. Students learn writing as a social act intended for different audiences and purposes.

WRTG 0990 COLLEGE PREPARATORY WRITING 3 CR.

Prereq: ACT score of 16-19 or CPT score of 58-80 or completion of WRTG 0900 with a C grade or better. Prepares students for college-level writing. Uses discussion, critical thinking, reading and writing to discover ideas and meaning for writer and reader alike.

GOVERNANCE AND ADMINISTRATION

FULL-TIME FACULTY CREDENTIALS

FULL-TIME ADMINISTRATOR CREDENTIALS

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Troy Justesen	SLCC
John Keck	SLCC
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Marshall Paepke	Mountain America Credit Union
Joe Yenchik	L-3 Communications

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Vice Presidents

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Business Services	Dennis Klaus
Student Services	Dr. Denece Huftalin
Institutional Advancement	Mason Bishop
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

Name, Position		Hire Date*
YEAR DEGREE	INSTITUTION	
Department		*Indicates years of service to SLCC
Dwight Adams, Instructor		01/05/1998
1991 MS	UNIVERSITY OF UTAH	
1988 BS	WEBER STATE UNIVERSITY	
<i>Sociology</i>		
Robert Adamson, Associate Professor		03/29/1994
2008 MFA	BRIGHAM YOUNG UNIVERSITY	
1993 BFA	UNIVERSITY OF UTAH	
<i>Visual Art & Design</i>		
Francis Afghan, Associate Professor		03/29/1993
1997 MS	UNIVERSITY OF UTAH	
1984 BS	UNIVERSITY OF UTAH	
1981 BS	IDAHO STATE UNIVERSITY	
<i>Engineering</i>		
Kelly Albers, Instructor		01/03/2005
<i>Applied Technology Center</i>		
Jolene Allan, Instructor		01/07/2008
2000 CERT	WESTMINSTER COLLEGE	
1991 MSN	BRIGHAM YOUNG UNIVERSITY	
1983 BSN	WESTMINSTER COLLEGE	
<i>Nursing</i>		
David Alldredge, Assistant Professor		08/16/2008
<i>Accounting</i>		
Beverly Anderson, Associate Professor		08/16/1999
1999 MSN	UNIVERSITY OF PHOENIX	
1985 BSN	BRIGHAM YOUNG UNIVERSITY	
1981 ASN	BRIGHAM YOUNG UNIVERSITY	
<i>Nursing</i>		
Georgia Anderson, Professor		01/01/1992
1990 MSN	WEST TEXAS A&M STATE UNIVERSITY	
1976 BSN	WEST TEXAS A&M STATE UNIVERSITY	
<i>Nursing</i>		
Joseph Anderson, Instructor		08/16/2007
1974 J.D.	UNIVERSITY OF UTAH	
1974 MA	UNIVERSITY OF UTAH	
1970 BA	UNIVERSITY OF UTAH	
<i>Criminal Justice</i>		
Marlon Andrus, Professor		09/01/1982
1973 CERT	UNIVERSITY OF WASHINGTON	
1970 MBA	UNIVERSITY OF WASHINGTON	
1963 BA	BRIGHAM YOUNG UNIVERSITY	
<i>Finance & Credit</i>		
Paul Anstall, Associate Professor		01/10/2000
2000 CERT	WEBER STATE UNIVERSITY	
1997 AAS	SALT LAKE COMMUNITY COLLEGE	
1981 BA	COLLEGE OF ST. SCHOLASTICA	
<i>Computer Science</i>		
Lyle Archibald, Assistant Professor		09/16/1992
1992 MA	BRIGHAM YOUNG UNIVERSITY	
1988 BA	UTAH STATE UNIVERSITY	
<i>Fine Arts</i>		
Vince Badger, Assistant Professor		09/01/1981
1987 AAS	SALT LAKE COMMUNITY COLLEGE	
1978 CERT	SALT LAKE COMMUNITY COLLEGE	
1974 CERT	SALT LAKE COMMUNITY COLLEGE	
<i>Automotive Technology</i>		

Thomas Baggaley, Assistant Professor **08/21/2002**

2000 MA UNIVERSITY OF CALIFORNIA
1995 BM BRIGHAM YOUNG UNIVERSITY
Fine Arts

Cathy Bagley, Assistant Professor **01/03/1996**

2007 CERT STATE OF UTAH - COSMETOLOGIST
2007 CERT STATE OF UTAH - MASTER ESTHETICIAN
1998 AAS SALT LAKE COMMUNITY COLLEGE
1982 CERT INTERNATIONAL INSTITUTE OF HAIR DESIGN
Barbering and Cosmetology

Brett Baird, Assistant Professor **06/01/1989**

1991 AAS SALT LAKE COMMUNITY COLLEGE
Automotive Technology

Robert Baird, Associate Professor **09/28/1992**

1991 MA WEBSTER UNIVERSITY
1980 AS PIKE'S PEAK COMMUNITY COLLEGE
1974 BS BRIGHAM YOUNG UNIVERSITY
Computer Science

Todd Baird, Instructor **11/12/2007**

Aviation Maintenance

Alena Balmforth, Assistant Professor **09/27/1993**

1990 BA UNIVERSITY OF UTAH
Developmental Education

Jennie Barnes, Assistant Professor **08/16/2002**

2003 MSN UNIVERSITY OF PHOENIX
1994 BSN WEBER STATE UNIVERSITY
1982 ASN WEBER STATE UNIVERSITY
1982 AS COLLEGE OF EASTERN UTAH
1981 LPN COLLEGE OF EASTERN UTAH
Nursing

Jonathan Barnes, Instructor **01/10/2005**

2002 MS BRIGHAM YOUNG UNIVERSITY
1999 BS BRIGHAM YOUNG UNIVERSITY
Physics

Curtis Barnett, Associate Professor **08/16/2001**

2008 BS SOUTHERN UTAH UNIVERSITY
2001 AAS SALT LAKE COMMUNITY COLLEGE
Building Construction

Gary Barnett, Associate Professor **01/05/1987**

1976 BBA UNIVERSITY OF TEXAS
1973 AS MT. VIEW COMMUNITY COLLEGE
Accounting

Neil Bastian, Professor **09/23/1996**

1987 PhD MASSACHUSETTS INSTITUTE OF TECHNOLOGY
1980 BS BRIGHAM YOUNG UNIVERSITY
Chemistry

Kathryn Bell, Instructor **01/04/2010**

2009 MPH UNIVERSITY OF UTAH
1997 DVM OHIO STATE UNIVERSITY
1993 BS MIAMI UNIVERSITY
Biology

Shirene Bell, Assistant Professor **01/02/2006**

1983 MA BRIGHAM YOUNG UNIVERSITY
1979 BA BRIGHAM YOUNG UNIVERSITY
Communication

Debra Bertoch, Assistant Professor **12/01/1990**

1997 AAS SALT LAKE COMMUNITY COLLEGE
1974 CERT UTAH TECHNICAL COLLEGE
Barbering and Cosmetology

Cyriaque Beurtheret, Assistant Professor 2001 PhD UNIVERSITY OF PARIS, SORBONNE 1991 MA UNIVERSITY OF PARIS 1989 BA UNIVERSITY OF PARIS <i>History</i>	08/16/2004	Lee Brinton, Associate Professor 1984 MS UNIVERSITY OF UTAH 1983 BS UNIVERSITY OF UTAH <i>Engineering</i>	09/25/1995
Lisa Bickmore, Associate Professor 1984 MA BRIGHAM YOUNG UNIVERSITY 1979 BA BRIGHAM YOUNG UNIVERSITY <i>English</i>	09/16/1992	Janet Brohm, Associate Professor 1980 Med SOUTHERN ILLINOIS UNIVERSITY 1975 BS SOUTHERN ILLINOIS UNIVERSITY <i>Family & Human Studies</i>	09/25/1995
Grace Birch, Assistant Professor 1994 AAS SALT LAKE COMMUNITY COLLEGE 1968 CERT CAMEO COLLEGE OF BEAUTY 1967 CERT BOUNTIFUL COLLEGE OF BEAUTY <i>Barbering and Cosmetology</i>	01/01/1985	Brent Budd, Assistant Professor 1972 BFA UNIVERSITY OF UTAH <i>Visual Art & Design</i>	09/28/1987
Christopher Black, Assistant Professor 1980 Med BRIGHAM YOUNG UNIVERSITY 1973 BS BRIGHAM YOUNG UNIVERSITY <i>Business Management</i>	08/21/2002	Robert Burdette, Assistant Professor 1993 MS WASHINGTON SCHOOL OF LAW 1979 BA UNIVERSITY OF UTAH <i>Accounting</i>	07/17/2000
Clyda Rae Blackburn, Associate Professor 1990 MS UTAH STATE UNIVERSITY 1971 BS UNIVERSITY OF UTAH <i>English</i>	09/25/1989	Nick Burns, Assistant Professor 1989 MA OREGON STATE UNIVERSITY 1987 BA OREGON STATE UNIVERSITY <i>Communication</i>	01/05/2004
Spencer Blake, Associate Professor 1997 MA REGIS UNIVERSITY 1993 BS BRIGHAM YOUNG UNIVERSITY <i>Sociology</i>	09/22/1997	David Carney, Assistant Professor 1991 MA UNIVERSITY OF IOWA 1988 BA UNIVERSITY OF IOWA <i>Humanities</i>	08/16/2001
James Blevins, Associate Professor 1991 MS WESTERN WASHINGTON UNIVERSITY 1987 BS BOISE STATE UNIVERSITY <i>Biology</i>	03/01/1992	Diana Carroll, Assistant Professor 1981 AS STEVENS HENAGER <i>Medical Assistant</i>	01/01/1989
Therese Boone, Associate Professor 1991 MS UNIVERSITY OF UTAH 1979 BFA UNIVERSITY OF UTAH <i>Fine Arts</i>	07/07/1982	Christopher Case, Assistant Professor 2002 PhD UNIVERSITY OF NORTHERN ARIZONA 1987 MA UNIVERSITY OF NEVADA LAS VEGAS 1983 BS UNIVERSITY OF LAS VEGAS <i>History</i>	06/19/1995
Jean Bower, Instructor 2007 PhD UNIVERSITY OF UTAH 2000 BA CARLETON COLLEGE <i>Biotechnology</i>	08/16/2009	James Celestino, Instructor 2006 MFA ANTIOCH UNIVERSITY 2004 BA UNIVERSITY OF UTAH <i>Developmental Education</i>	06/01/2005
H. Bown, Associate Professor 1991 MA UTAH STATE UNIVERSITY 1970 BA UNIVERSITY OF UTAH <i>English</i>	09/16/1991	Sheila Chambers, Professor 1998 MFA MARYWOOD UNIVERSITY 1981 BS CALIFORNIA STATE UNIVERSITY <i>Visual Art & Design</i>	09/16/1991
Laura Bradford, Associate Professor 1992 MA UNIVERSITY OF UTAH 1990 BA UNIVERSITY OF UTAH 1988 AAS SALT LAKE COMMUNITY COLLEGE <i>Language</i>	09/30/1986	Basil Chelemes, Assistant Professor 1990 MBA WESTMINSTER COLLEGE 1988 BS WESTMINSTER COLLEGE 1988 BS WESTMINSTER COLLEGE <i>Business Management</i>	04/23/1990
Judith Braun, Associate Professor 2000 Med UNIVERSITY OF UTAH 1981 BS WEST VIRGINIA UNIVERSITY <i>Developmental Education</i>	03/01/1989	Jimmy Chen, Professor 1991 PhD UNIVERSITY OF UTAH 1988 MS UNIVERSITY OF UTAH 1982 BS NATIONAL CENTRAL UNIVERSITY <i>Computer Information Systems</i>	09/16/1997
William Breedlove, Instructor 1980 CERT AMERICAN HONDA TRAINING CENTER 1974 CERT GM MANAGEMENT TRAINING <i>Automotive Technology</i>	04/13/1995	Ron Christiansen, Associate Professor 2002 CERT ESL 1994 Med UNIVERSITY OF UTAH 1973 BA BRIGHAM YOUNG UNIVERSITY <i>English</i>	06/23/1997
Sue Briggs, Associate Professor 1978 MS TROY STATE UNIVERSITY 1973 BA VALDOSTA STATE COLLEGE <i>English</i>	08/16/2001	Betsy Christopher, Instructor 2008 MSN WESTMINSTER COLLEGE 1980 BSN UNIVERSITY OF SAN DIEGO <i>Nursing</i>	08/01/2008

Carolyn Clark, Professor		09/21/1994	William Cushenberry, Assistant Professor		05/28/2003
1996	PhD UNIVERSITY OF UTAH		1988	DPLM SALT LAKE COMMUNITY COLLEGE	
1975	CERT UNIVERSITY OF CALIFORNIA, DAVIS		<i>Aviation Maintenance</i>		
1973	MA UNIVERSITY OF WASHINGTON		Rick Dalton, Instructor		
1971	BS STANFORD UNIVERSITY		1973	DPLM SALT LAKE COMMUNITY COLLEGE	05/28/1991
<i>Communication</i>			<i>S/C Professional Driving</i>		
Jon Clark, Assistant Professor		08/16/2006	Adam Dastrup, Instructor		
1986	MFA UTAH STATE UNIVERSITY		2006	MA UNIVERSITY OF UTAH	08/15/1998
<i>Fine Arts</i>			2002	BS UNIVERSITY OF UTAH	
Norman Clark, Associate Professor		01/01/1986	2000	AS SALT LAKE COMMUNITY COLLEGE	
2004	MS UTAH STATE UNIVERSITY		<i>Geoscience</i>		
2001	BS UTAH STATE UNIVERSITY		Mary-Jayne Davis, Associate Professor		
<i>Architectural Technology</i>			1989	MA UNIVERSITY OF UTAH	09/01/1988
Joel Clarkson, Instructor		08/16/2000	1986	BA UNIVERSITY OF UTAH	
1999	BS WEBER STATE UNIVERSITY		<i>English</i>		
1997	AAS SALT LAKE COMMUNITY COLLEGE		Rolayne Day, Professor		
1981	CERT IDAHO STATE UNIVERSITY		1977	MA UTAH STATE UNIVERSITY	01/01/1976
<i>Engineering, Drafting & Design</i>			1973	BS UTAH STATE UNIVERSITY	
John Close, Professor		09/16/1992	<i>Marketing</i>		
1991	MS UNIVERSITY OF UTAH		Rodney Derrick, Assistant Professor		
1988	MA MANKATO STATE UNIVERSITY		1973	AAS SALT LAKE COMMUNITY COLLEGE	12/01/1988
1978	BS ST. JOHN UNIVERSITY		<i>Barbering and Cosmetology</i>		
<i>Developmental Education</i>			Wilma Dolowitz, Assistant Professor		
Alfred Cole, Assistant Professor		09/27/1993	2004	CERT UNIVERSITY OF UTAH	02/02/2004
1967	MBA UNIVERSITY OF UTAH		2001	CERT NURSING ED OF AMERICA	
1965	BS UNIVERSITY OF UTAH		2000	CERT NURSING ED OF AMERICA	
<i>Marketing</i>			1995	MSN UNIVERSITY OF PHOENIX	
Nathan Cole, Assistant Professor		09/21/1994	1973	BSN UNIVERSITY OF UTAH	
1994	MA BRIGHAM YOUNG UNIVERSITY		1972	AAS WEBER STATE UNIVERSITY	
1992	BA SAN DIEGO STATE		1969	BA UNIVERSITY OF UTAH	
<i>English</i>			<i>Nursing</i>		
Edgar Cortes, Associate Professor		08/15/2001	Stephanie Dowdle, Associate Professor		
<i>Applied Technology Center</i>			1999	PhD INDIANA UNIVERSITY OF PENNSYLVANIA	08/23/1999
Kyle Costello, Instructor		03/02/2005	1995	MA BRIGHAM YOUNG UNIVERSITY	
2005	MS UNIVERSITY OF UTAH		1993	BA BRIGHAM YOUNG UNIVERSITY	
1997	BS UNIVERSITY OF UTAH		<i>English</i>		
<i>Mathematics</i>			Jane Drexler, Assistant Professor		
Jennifer Courtney, Assistant Professor		01/11/1999	2004	PhD BINGHAMTON UNIVERSITY	08/16/2007
1994	BA UNIVERSITY OF CALIFORNIA RIVERSIDE		2000	MA BINGHAMTON UNIVERSITY	
1998	MA SAN DIEGO STATE UNIVERSITY		1995	BA UNIVERSITY OF COLORADO	
<i>English</i>			<i>Humanities</i>		
Gary Cox, Instructor		01/04/2010	Susan Dulaney, Associate Professor		
<i>Criminal Justice</i>			2000	MS U.S. SPORT ACADEMY	05/01/2008
Andrea Crittenden, Assistant Professor		08/16/2003	1984	BS UNIVERSITY OF WISCONSIN, MADISON	
1999	MS UNIVERSITY OF UTAH		<i>Athletics</i>		
1997	BSN UNIVERSITY OF UTAH		Kimberly Dumas, Assistant Professor		
1996	AS SALT LAKE COMMUNITY COLLEGE		2001	MSN WESTMINSTER COLLEGE	10/18/2002
1995	AAS SALT LAKE COMMUNITY COLLEGE		1995	BSN WEBER STATE UNIVERSITY	
<i>Nursing</i>			1989	ADN WEBER STATE UNIVERSITY	
Charles Cummins, Professor		07/01/1985	<i>Nursing</i>		
1977	EdD BRIGHAM YOUNG UNIVERSITY		James Dykman, Assistant Professor		
1966	MS BRIGHAM YOUNG UNIVERSITY		1986	MPA BRIGHAM YOUNG UNIVERSITY	09/25/1995
1962	BS BRIGHAM YOUNG UNIVERSITY		1976	MA BRIGHAM YOUNG UNIVERSITY	
<i>Mathematics</i>			<i>History</i>		
Walter Cunningham, Instructor		09/21/1994	George Ellington, Associate Professor		
1991	PLS STATE OF UTAH		2001	MA UNIVERSITY OF UTAH	09/20/1995
1988	BS BRIGHAM YOUNG UNIVERSITY		1990	MA SAN FRANCISCO STATE UNIVERSITY	
<i>Surveying</i>			1987	BA SAN FRANCISCO STATE UNIVERSITY	
			<i>ESL</i>		

Edward Engh, Assistant Professor 1984 MBA UNIVERSITY OF UTAH 1981 BS UNIVERSITY OF UTAH <i>Business Management</i>	08/31/2000	Steve Ford, Assistant Professor 1980 CERT SALT LAKE COMMUNITY COLLEGE 1980 AAS SALT LAKE COMMUNITY COLLEGE 1975 AAS SALT LAKE COMMUNITY COLLEGE <i>Welding</i>	06/01/1981
Kathryn Eppler, Associate Professor 1997 MS UNIVERSITY OF UTAH 1993 BS UNIVERSITY OF UTAH 1986 MS UNIVERSITY OF UTAH 1984 BS UNIVERSITY OF UTAH <i>Mathematics</i>	01/06/1992	Antoinette France, Instructor 2008 MSN UNIVERSITY OF PHOENIX 2003 BSN UNIVERSITY OF UTAH 2001 ASN SALT LAKE COMMUNITY COLLEGE <i>Nursing</i>	02/26/2001
Chad Erikson, Instructor 2005 BFA BRIGHAM YOUNG UNIVERSITY 2000 AS THE ART INSTITUTE OF PORTLAND 1994 AAS SALT LAKE COMMUNITY COLLEGE <i>Visual Art & Design</i>	08/22/2007	Kenneth Freeman, Associate Professor 1991 MS RUTGERS UNIVERSITY 1984 BS BRIGHAM YOUNG UNIVERSITY <i>Physical Therapy</i>	03/29/1994
Chad Fail, Associate Professor 2002 BS UTAH VALLEY STATE COLLEGE 2000 AAS SALT LAKE COMMUNITY COLLEGE 1998 AAS SALT LAKE COMMUNITY COLLEGE <i>Building Construction</i>	08/16/2002	Gordon Frisbey, Professor 1990 MS WESTMINSTER COLLEGE 1972 BS WEBER STATE UNIVERSITY <i>Computer Information Systems</i>	09/01/1979
Sara Farida, Associate Professor 1990 PhD GULBARGA UNIVERSITY, INDIA 1979 MS KARNATAK UNIVERSITY, INDIA 1977 BS KARNATAK UNIVERSITY, INDIA <i>Engineering</i>	08/16/2003	Julie Gay, Associate Professor 1989 MS UTAH STATE UNIVERSITY 1988 BS UTAH STATE UNIVERSITY <i>School of Professional & Economic Development</i>	10/01/1990
Melaney Farr, Assistant Professor 1999 MS UNIVERSITY OF NORTH TEXAS 1994 BS UNIVERSITY OF NORTH TEXAS <i>Biology</i>	06/01/2003	Frank Gerrish, Assistant Professor 1988 MFA PENNSYLVANIA STATE 1985 BFA UNIVERSITY OF RHODE ISLAND <i>Fine Arts</i>	06/18/1990
Steffeny Fazzio, Associate Professor 1991 MA UTAH STATE UNIVERSITY 1969 BA UNIVERSITY OF UTAH 1966 AA COLLEGE OF EASTERN UTAH <i>Developmental Education</i>	09/01/1985	Luther Giddings, Assistant Professor 1993 PhD OHIO STATE UNIVERSITY 1985 BS UNIVERSITY OF UTAH <i>Chemistry</i>	05/03/2001
Allison Fernley, Associate Professor 1984 MA UNIVERSITY OF UTAH 1982 BA UNIVERSITY OF UTAH <i>English</i>	09/13/1989	Drusilla Glascoe, Associate Professor 1986 MS UNIVERSITY OF UTAH 1958 BM BOSTON CONSERVATORY OF MUSIC <i>Psychology</i>	01/02/1990
Craig Ferrin, Assistant Professor 2003 PhD UNIVERSITY OF UTAH 1987 MA NORTHWESTERN UNIVERSITY 1986 BM UNIVERSITY OF UTAH <i>Fine Arts</i>	06/10/2002	Mark Glines, Associate Professor 1999 MEd WEBER STATE UNIVERSITY 1989 CERT MOUNTAIN WEST JUNIOR COLLEGE 1986 BS WEBER STATE UNIVERSITY <i>Developmental Education</i>	09/24/1990
Lara Fields, Instructor 1990 MA GODDARD COLLEGE 1985 BA GODDARD COLLEGE <i>Psychology</i>	06/19/1995	Joshua Gold, Associate Professor 1994 PhD UNIVERSITY OF OREGON 1988 MA UNIVERSITY OF OREGON 1980 BA STATE UNIVERSITY OF NEW YORK <i>Political Science</i>	08/16/2001
Ana Fillingim, Instructor 2003 MA UNIVERSITY OF UTAH 1982 BA UNIVERSITY OF MONTANA <i>Developmental Education</i>	08/24/2005	Christine Gonzales, Assistant Professor 1979 MA BRIGHAM YOUNG UNIVERSITY 1973 BA BRIGHAM YOUNG UNIVERSITY <i>Language</i>	09/01/1990
Shannon Flynt, Assistant Professor 2006 MS UNIVERSITY OF CENTRAL ARKANSAS 1999 BA ARKANSAS TECH UNIVERSITY <i>Psychology</i>	08/16/2008	Kerry Gonzales, Associate Professor 1980 BFA UNIVERSITY OF UTAH <i>Visual Art & Design</i>	09/15/1997
Steven Fogg, Assistant Professor 2005 AAS SALT LAKE COMMUNITY COLLEGE 2004 CERT COMP TIA 2003 CERT COMPTIA NETWORK 2003 CERT COMPTIA C++ 2002 CERT MICROSOFT PROFESSIONAL 2001 CERT COMPTIA A+ 1999 CERT CERTIFIED CAREERS INSTITUTE <i>S/C MS Technician</i>	01/01/2000	Anne Graham, Professor 1974 PhD STANFORD UNIVERSITY 1970 MS STANFORD UNIVERSITY 1967 BS WASHINGTON UNIVERSITY - ST. LOUIS <i>Sociology</i>	03/29/1993
		Richard Graham, Professor 1996 MFA UNIVERSITY OF UTAH 1991 BFA UNIVERSITY OF UTAH <i>Visual Art & Design</i>	03/01/1983

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 Gren, Professor 09/16/1988

2004 PhD UNIVERSITY OF UTAH
 1988 MS UNIVERSITY OF UTAH
 1985 MS BRIGHAM YOUNG UNIVERSITY
 1983 BS BRIGHAM YOUNG UNIVERSITY
 1980 AS RICKS COLLEGE
Business Management

Maria Griffith, Assistant Professor 08/23/2000

2002 MA UNIVERSITY OF PHOENIX
 1975 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 05/01/1987

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

Maryln Harmer, Associate Professor 08/28/1998

1989 MS US SPORT ACADEMY
 1986 BS UTAH STATE UNIVERSITY
Health & Lifetime Activities

Lora Harpster, 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 CERTIFIED INTERNET WEBMASTER
 2001 CERT COMPTIA I-NETT
 2001 CERT COMPTIA A+
 1992 CERT UNISYS-ISO INTERNAL AUDITOR
 1968 BSEE UNIVERSITY OF UTAH
S/C Electronics

Charles Hemming, Instructor 01/09/1998

1997 MS IDAHO STATE UNIVERSITY
 1995 BS IDAHO STATE UNIVERSITY
 1995 MS 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 A+
 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	K. C. Jensen, Instructor	07/01/2000
1983 JD UNIVERSITY OF UTAH		1990 JD BRIGHAM YOUNG UNIVERSITY	
1978 MBA UNIVERSITY OF UTAH		1982 BS BRIGHAM YOUNG UNIVERSITY	
1976 BS UNIVERSITY OF UTAH		1980 AS CATONSVILLE COMMUNITY COLLEGE	
1973 CERT SALT LAKE COMMUNITY COLLEGE		<i>Paralegal</i>	
<i>Finance & Credit</i>			
Dean Huber, Associate Professor	01/02/1990	Richard Jensen, Professor	09/22/1986
1981 MA UNIVERSITY OF UTAH		1971 MA UTAH STATE UNIVERSITY	
1977 BA UNIVERSITY OF UTAH		1968 BS UTAH STATE UNIVERSITY	
<i>ESL</i>		<i>Humanities</i>	
Harry Hughes, Associate Professor	08/24/1998	W. Jane Jensen, Instructor	08/16/2006
1988 PhD CUNY GRADUATE SCHOOL & UNIVERSITY		1997 APRN AMERICAN NURSES CREDENTIALING CENTER	
1973 BS HUNTER COLLEGE CUNY		1997 MSN UNIVERSITY OF UTAH	
1971 AS NASSAU COMMUNITY COLLEGE		1991 BSN WEBER STATE UNIVERSITY	
<i>Psychology</i>		1980 ADN WEBER STATE UNIVERSITY	
		1978 LPN SALT LAKE COMMUNITY COLLEGE	
Daniel Hutchings, Instructor	04/23/2001	<i>Nursing</i>	
2004 BS UNIVERSITY OF UTAH		Lew Jeppson, Instructor	03/29/1993
<i>Computer Science</i>		1992 MS UNIVERSITY OF UTAH	
Whitney Hyans, Associate Professor	08/20/1998	1988 BS WESTMINSTER COLLEGE	
1996 MFA SAVANNAH COLLEGE OF ART & DESIGN		1972 BS UNIVERSITY OF UTAH	
1993 BFA WEBER STATE UNIVERSITY		1970 BS UNIVERSITY OF UTAH	
1990 BS WEBER STATE UNIVERSITY		<i>Economics</i>	
<i>Visual Art & Design</i>		Kathleen Jewkes, Instructor	01/02/2008
Gustavo Ibarra, Professor	09/21/1994	2005 MSN UNIVERSITY OF PHOENIX	
1980 PhD BRIGHAM YOUNG UNIVERSITY		1974 BSN UNIVERSITY OF UTAH	
1976 MS BRIGHAM YOUNG UNIVERSITY		<i>Nursing</i>	
1974 BS NORMAL SUPERIOR NAYARIT		Douglas Johns, Instructor	08/16/2004
1968 CERT UTAH STATE UNIVERSITY		<i>Applied Technology Center</i>	
<i>Health & Lifetime Activities</i>		Karen Johnsen, Associate Professor	09/30/1986
Howard Ingle, Assistant Professor	10/01/1982	1998 MA UNIVERSITY OF PHOENIX	
1991 Med UNIVERSITY OF UTAH		1969 BA UNIVERSITY OF UTAH	
1972 BS CENTRAL MICHIGAN UNIVERSITY		<i>Developmental Education</i>	
<i>Psychology</i>		Boyd Johnson, Instructor	08/23/2006
Alexander Izrailevsky, Associate Professor	08/23/2000	1980 LIC GENERAL CONTRACTOR	
1980 PhD ACADEMY OF SCIENCE OF THE USSR		<i>Building Construction</i>	
1974 MA GORKY URAL STATE UNIVERSITY		Roger Johnson, Assistant Professor	02/01/1991
1974 BA GORKY URAL STATE UNIVERSITY		2000 MS BRIGHAM YOUNG UNIVERSITY	
<i>Humanities</i>		1987 BS UNIVERSITY OF UTAH	
Debora Jackson, Assistant Professor	01/09/2006	<i>Communication</i>	
2004 MSN UNIVERSITY OF UTAH		Kathleen Johnston, Instructor	09/24/1998
2001 BSN UNIVERSITY OF UTAH		1987 MA UNIVERSITY OF SOUTHERN CALIFORNIA	
1994 ASN REGENTS		1976 BA UNIVERSITY OF CALIFORNIA SANTA CRUZ	
1983 CERT UTAH VALLEY STATE COLLEGE		<i>Developmental Education</i>	
<i>Nursing</i>		Shirley Jones, Professor	01/07/1992
Suzanne Jacobs, Assistant Professor	01/08/2001	1993 PhD UNIVERSITY OF UTAH	
2004 MPhil UNIVERSITY OF UTAH		1969 MA UNIVERSITY OF UTAH	
1997 MA UNIVERSITY OF COLORADO AT BOULDER		1961 BA BRIGHAM YOUNG UNIVERSITY	
1993 BA COLGATE UNIVERSITY		<i>Communication</i>	
<i>Humanities</i>		Karl Jorgensen, Associate Professor	10/01/1992
Rosemary Jamieson, Associate Professor	07/01/1994	2004 MEd UTAH STATE UNIVERSITY	
1993 CERT APPALACHIAN STATE UNIVERSITY		1992 BS WEBER STATE UNIVERSITY	
1978 MS UNIVERSITY OF NORTHERN IOWA		1988 BS WEBER STATE UNIVERSITY	
1972 BS MT. MERCY COLLEGE		<i>S/C OIS</i>	
<i>Developmental Education</i>		Vinayak Kamdar, Instructor	01/16/2002
DeeAnn Jensen, Professor	09/01/1989	1974 MBA WEST VIRGINIA UNIVERSITY	
1975 MS BRIGHAM YOUNG UNIVERSITY		1961 MS VIRGINIA POLYTECHNIC INSTITUTE	
1974 BS BRIGHAM YOUNG UNIVERSITY		1960 BS UNIVERSITY OF OREGON	
2003 CERT AMERICAN ACADEMY OF PROFESSIONAL CODERS		<i>Engineering</i>	
2003 CERT AMERICAN HEALTH INFORMATION MANAGEMENT ASSOCIATION		Art Kanehara, Associate Professor	06/20/1994
<i>S/C OIS</i>		1993 MA UNIVERSITY OF UTAH	
		1989 BA UNIVERSITY OF UTAH	
		<i>Communication</i>	

Susumu Kasai, Professor		09/16/1997	Stanley Lawrence, Professor		09/01/1970
1997	MS	UNIVERSITY OF MISSOURI - ST. LOUIS	1996	MA	UNIVERSITY OF PHOENIX
1992	MA	UNIVERSITY OF MISSOURI - COLUMBIA	1986	BS	WEBER STATE UNIVERSITY
1973	BS	CARLETON COLLEGE	1975	AAS	SALT LAKE COMMUNITY COLLEGE
<i>Computer Information Systems</i>			<i>School of Professional & Economic Development</i>		
Mary Keleher, Assistant Professor		08/16/2004	Rachel Lawyer, Associate Professor		09/28/1992
2004	PhD	BRIGHAM YOUNG UNIVERSITY	2000	MS	UNIVERSITY OF UTAH
1994	MS	OHIO UNIVERSITY	1971	BS	UTAH STATE UNIVERSITY
1994	MS	OHIO UNIVERSITY	<i>Developmental Education</i>		
1992	BS	FRANKLIN UNIVERSITY	Roger Lee, Professor		01/01/1991
<i>Biology</i>			1980	PhD	UNIVERSITY OF UTAH
James Kidd, Instructor		08/16/2004	1977	MBA	UTAH STATE UNIVERSITY
<i>Developmental Education</i>			1973	MPA	BRIGHAM YOUNG UNIVERSITY
Karen Killinger, Associate Professor		01/04/1995	1969	BS	WEBER STATE UNIVERSITY
1992	MS	EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	<i>Business Management</i>		
1982	BS	FT. VALLEY STATE COLLEGE	Paul Lerdahl, Professor		09/09/1987
<i>Business Management</i>			2006	MS	JONES INTERNATIONAL UNIVERSITY
Lynn Kilpatrick, Assistant Professor		06/10/2002	1999	MS	UTAH STATE UNIVERSITY
2004	PhD	UNIVERSITY OF UTAH	1989	AAS	SALT LAKE COMMUNITY COLLEGE
1998	MA	WESTERN WASHINGTON UNIVERSITY	1973	BA	UNIVERSITY OF UTAH
1991	BA	UNIVERSITY OF OREGON	<i>Division of Developmental Education</i>		
<i>English</i>			Marilyn Little, Professor		09/23/1991
Kevin King, Assistant Professor		08/01/1996	1988	CERT	AMERICAN NURSES CREDENTIALING CENTER
1989	BA	CALIFORNIA POLYTECHNIC SAN LUIS OBISPO	1987	MSN	UNIVERSITY OF UTAH
<i>Architectural Technology</i>			1984	BS	UNIVERSITY OF UTAH
Duane Kinner, Instructor		08/29/2001	<i>S/C Nurse Assistant</i>		
1999	BS	GALLAUDET UNIVERSITY	Cristin Longhurst, Associate Professor		01/01/1991
<i>ASL/Interpreting</i>			1973	MA	BRIGHAM YOUNG UNIVERSITY
Keith Knavel, Assistant Professor		12/28/1994	1971	BA	UNIVERSITY OF CALIFORNIA LOS ANGELES
1997	BS	UTAH STATE UNIVERSITY	<i>Developmental Education</i>		
1995	AAS	SALT LAKE COMMUNITY COLLEGE	Jon Longo, Instructor		09/14/1998
1995	AS	SALT LAKE COMMUNITY COLLEGE	<i>Applied Technology Center</i>		
<i>Diesel Systems Technology</i>			Jodie Lopez, Instructor		02/16/2007
Frank Komatar, Associate Professor		01/01/1981	2000	BS	WEBER STATE UNIVERSITY
1971	MS	UNIVERSITY OF WISCONSIN	1992	AS	WEBER STATE UNIVERSITY
1965	BS	MONMOUTH COLLEGE	<i>Dental Hygiene</i>		
<i>Geoscience</i>			Jaydene Love, Associate Professor		09/20/1995
Randal Koziatek, Professor		03/30/1992	1986	MS	UNIVERSITY OF COLORADO
1985	MS	INDIANA UNIVERSITY	1970	BS	WEBER STATE UNIVERSITY
1984	BS	INDIANA UNIVERSITY	<i>Accounting</i>		
<i>Computer Information Systems</i>			Channing Lowe, Instructor		08/16/2007
Mark Kranendonk, Assistant Professor		09/21/1994	1996	BA	UNIVERSITY OF UTAH
1997	AS	SALT LAKE COMMUNITY COLLEGE	<i>Fine Arts</i>		
<i>Diesel Systems Technology</i>			Rebecca Lowell, Instructor		08/16/2008
Carla Kulinsky, Associate Professor		04/11/1988	2008	CERT	GE OEC MEDICAL SYSTEMS
1998	MS	UNIVERSITY OF UTAH	2006	BS	WEBER STATE UNIVERSITY
1993	BS	UNIVERSITY OF UTAH	2006	MS	MIDWESTERN UNIVERSITY
1979	BA	UNIVERSITY OF DENVER	1996	BS	WEBER STATE UNIVERSITY
<i>Developmental Education</i>			1991	AAS	WESTERN WYOMING COMMUNITY COLLEGE
Karen Kwan, Assistant Professor		08/23/2000	<i>Radiological Technology</i>		
1988	MA	PEPPERDINE UNIVERSITY	Brenda Lyman, Associate Professor		01/07/2002
1985	BA	PEPPERDINE UNIVERSITY	2004	CERT	WESTERN MICHIGAN UNIVERSITY
<i>Psychology</i>			1993	CERT	AMERICAN OCCUPATIONAL THERAPY ASSOCIATION
Melodee Lambert, Associate Professor		09/01/1985	1983	BS	COLORADO STATE UNIVERSITY
1980	MEd	UNIVERSITY OF UTAH	1976	CERT	LINCOLN SCHOOL OF COMMERCE
1970	BS	BRIGHAM YOUNG UNIVERSITY	<i>Occupational Therapy</i>		
<i>Business Management</i>			Kjartan Magnusson, Professor		09/01/1972
George Lange, Instructor		09/01/1986	1989	EdD	BRIGHAM YOUNG UNIVERSITY
1984	CERT	SALT LAKE COMMUNITY COLLEGE	1978	MEd	UTAH STATE UNIVERSITY
1995	CERT	SALT LAKE COMMUNITY COLLEGE	1968	BA	BRIGHAM YOUNG UNIVERSITY
<i>S/C Refrigeration & Air Conditioning</i>			<i>Economics</i>		

Andrea Malouf, Assistant Professor 1999 MA UNIVERSITY OF UTAH 1992 BA UNIVERSITY OF UTAH <i>English</i>	01/09/2006	Kristi Miller, Instructor 2007 MSN UNIVERSITY OF UTAH 2002 BSN BRIGHAM YOUNG UNIVERSITY <i>Nursing</i>	07/01/2007
Terry Martin, Assistant Professor 1989 AAS SALT LAKE COMMUNITY COLLEGE <i>Visual Art & Design</i>	07/01/1986	John Minichino, Instructor 1971 BA TEMPLE UNIVERSITY <i>Criminal Justice</i>	04/01/1997
Gregory Maughan, Instructor 1997 CERT INTERMOUNTAIN HEALTH CARE <i>Surgical Technology</i>	01/01/2007	Jana Mitchell, Instructor 2006 BS UNIVERSITY OF UTAH 2001 CERT SALT LAKE COMMUNITY COLLEGE <i>Surgical Technology</i>	08/16/2007
Alia Maw, Instructor 2006 MS UTAH STATE UNIVERSITY 2001 BS UTAH STATE UNIVERSITY <i>Mathematics</i>	06/01/2007	Mohammad Mohsenian, Professor 1978 PhD UNIVERSITY OF ARKANSAS 1971 MS TEXAS A & I UNIVERSITY 1964 BS TEHRAN UNIVERSITY <i>Engineering</i>	11/01/1986
Jamie McBeth-Smith, Assistant Professor 1980 MA UNIVERSITY OF UTAH 1977 BA UNIVERSITY OF UTAH <i>English</i>	08/16/2000	Elizabeth Montague, Associate Professor 1990 MS UTAH STATE UNIVERSITY 1975 BA UNIVERSITY OF UTAH 1972 MS UNIVERSITY OF UTAH 1969 BS UNIVERSITY OF UTAH <i>English</i>	09/15/1981
Vonadean McFarland, Associate Professor 1975 BS BRIGHAM YOUNG UNIVERSITY <i>S/C Tooele OIS</i>	08/01/1985	Randy Moon, Instructor 1977 PhD UNIVERSITY OF HAWAII <i>Biology</i>	09/22/1997
Katherine McIntyre, Associate Professor 1978 MS UNIVERSITY OF UTAH 1972 BS COLBY COLLEGE <i>Developmental Education</i>	09/01/1983	Holly Moore, Associate Professor 1981 PHD UNIVERSITY OF UTAH 1976 MS SOUTH DAKOTA SCHOOL OF MINES & TECHNOLOGY 1973 BS SOUTH DAKOTA SCHOOL OF MINES & TECHNOLOGY <i>Engineering</i>	06/17/1991
Ronald McKay, Assistant Professor 2005 MS UNIVERSITY OF UTAH 2003 BS UNIVERSITY OF UTAH <i>Mathematics</i>	08/16/2006	Julie Morgan, Assistant Professor 1999 MS ILLINOIS STATE UNIVERSITY 1982 BS UTAH STATE UNIVERSITY <i>Health & Lifetime Activities</i>	01/01/2000
Alma McKertich, Professor 1977 MS UNIVERSITY OF UTAH 1974 BS UNIVERSITY OF UTAH <i>English</i>	09/01/1984	David Moss, Assistant Professor 2002 MS SYRACUSE UNIVERSITY 2000 BS WESTMINSTER COLLEGE 1998 AS SALT LAKE COMMUNITY COLLEGE <i>Computer Science</i>	08/16/2002
Marianne McKnight, Associate Professor 1984 MA UNIVERSITY OF UTAH 1981 BA UNIVERSITY OF UTAH <i>History</i>	01/06/1992	Diane Moss, Assistant Professor 2006 MSN UNIVERSITY OF PHOENIX 1998 BSN WEBER STATE UNIVERSITY 1992 ADN WEBER STATE UNIVERSITY 1977 CERT UTC PROVO <i>Nursing</i>	08/24/2004
Kenneth Medell, Instructor <i>S/C Professional Driving</i>	09/19/2005	Shannon Mullins, Instructor <i>Applied Technology Center</i>	09/26/1996
Mario Cesar Melo, Instructor 2004 MA BRIGHAM YOUNG UNIVERSITY 2002 BA UFBA -- BRAZIL <i>Mathematics</i>	08/24/2005	Donna Murphy, Assistant Professor 2002 MSN UNIVERSITY OF PHOENIX 1984 BSN UNIVERSITY OF UTAH 1981 ADN WEBER STATE UNIVERSITY 1979 CERT UTAH TECHNICAL COLLEGE <i>Nursing</i>	08/01/2005
Marie Mendenhall, Instructor 1990 MBA EASTERN MICHIGAN UNIVERSITY 1985 BS UNIVERSITY OF MICHIGAN <i>Dental Hygiene</i>	08/16/2009	Aarti Nakra, Assistant Professor 2004 MA UNIVERSITY OF UTAH 2000 MA UNIVERSITY OF PUNE, INDIA 1999 BA UNIVERSITY OF PUNE, INDIA <i>History</i>	06/08/2006
Steven Mendiola, Instructor 1986 CERT STATE OF WASHINGTON 1978 CERT UNIVERSITY OF UTAH <i>Aviation Maintenance</i>	01/01/1992		
Don Merrill, Professor 1985 MS BRIGHAM YOUNG UNIVERSITY 1971 BS UNIVERSITY OF UTAH <i>Developmental Education</i>	09/01/1978		
Douglas Miller, Instructor <i>Applied Technology Center</i>	08/02/2007		
Julia Miller, Instructor <i>Applied Technology Center</i>	09/11/2006		

David Neil, Assistant Professor 2008 CERT GE OEC MEDICAL 1995 MAOM UNIVERSITY OF PHOENIX 1990 BS WEBER STATE UNIVERSITY 1984 AAS WEBER STATE UNIVERSITY <i>Radiological Technology</i>	08/16/2004	Laurie Paxton, Assistant Professor 1996 MS UTAH STATE UNIVERSITY 1987 BS UTAH STATE UNIVERSITY <i>Developmental Education</i>	09/24/1990
Dale Nelson, Assistant Professor 1972 MEd UNIVERSITY OF UTAH 1970 BA UNIVERSITY OF UTAH <i>Mathematics</i>	12/20/1993	Diane Peake, Instructor 1997 BS BARRY UNIVERSITY <i>Occupational Therapy</i>	08/16/2008
David Nelson, Instructor 2001 BA BRIGHAM YOUNG UNIVERSITY <i>Athletics</i>	12/01/2001	Carolyn Perry, Instructor 1968 BS BRIGHAM YOUNG UNIVERSITY <i>S/C OIS</i>	10/01/1992
Holly Nelson, Instructor 2004 MS WEBER STATE UNIVERSITY 1998 BA WEBER STATE UNIVERSITY <i>ASL/Interpreting</i>	06/13/2006	Tamra Phillips, Assistant Professor 1999 MS UNIVERSITY OF UTAH 1995 BS UNIVERSITY OF UTAH <i>Communication</i>	01/11/1999
Philip Nielson, Associate Professor 1977 BS BRIGHAM YOUNG UNIVERSITY 1989 MBA UNIVERSITY OF PHOENIX <i>Computer Information Systems</i>	01/03/1994	Jason Pickavance, Associate Professor 2008 PhD UNIVERSITY OF UTAH 1997 MA WESTERN WASHINGTON UNIVERSITY 1994 BA WESTERN WASHINGTON UNIVERSITY 1992 AA GREEN RIVER COMMUNITY COLLEGE <i>English</i>	08/16/2003
Jeanne Noble, Professor 1972 MS BRIGHAM YOUNG UNIVERSITY 1970 BS SOUTHERN UTAH STATE UNIVERSITY <i>S/C OIS</i>	07/01/1975	Jeffery Plant, Professor 1993 MEd UNIVERSITY OF UTAH 1991 BS UNIVERSITY OF UTAH 1975 BA BOWLING GREEN STATE UNIVERSITY <i>Architectural Technology</i>	09/26/1994
Lori Norton, Assistant Professor 2004 MSN UNIVERSITY OF PHOENIX 1995 BSN WEBER STATE UNIVERSITY 1992 ADN WEBER STATE UNIVERSITY <i>Nursing</i>	08/01/2004	Diana Ploeger, Professor 1999 MEd UTAH STATE UNIVERSITY 1975 BS UNIVERSITY OF COLORADO 1972 CERT BRIGHAM YOUNG UNIVERSITY <i>Physical Therapy</i>	01/10/1992
Lois Oestreich, Assistant Professor 2006 CERT UTAH STATE BOARD OF EDUCATION K-3 2002 MS WESTMINSTER COLLEGE 1987 BS SOUTHERN OREGON UNIVERSITY <i>Pre Teacher Education</i>	08/21/2002	Dan Pope, Instructor 2003 CERT SALT LAKE COMMUNITY COLLEGE 2001 CERT AMP CERTIFIED 2001 CERT CISCO CCNA CERTIFIED 1999 CERT WIN 2000 PRO MCP MCSE 1996 CERT A+ CERTIFICATION 1988 CERT WEBER STATE <i>Computer Science</i>	09/08/1999
Jonelle Ord, Instructor 1992 MEd AUGUSTA STATE UNIVERSITY 1972 BA BRIGHAM YOUNG UNIVERSITY <i>Developmental Education</i>	01/01/2008	Celestina Punzalan, Professor 1996 MS UTAH STATE UNIVERSITY 1989 MBA SAN SEBASTIAN COLLEGE-RECOLETOS 1965 BS FEATI UNIVERSITY <i>Developmental Education</i>	01/04/1993
Sarah Pacheco, Assistant Professor 2002 MBA UNIVERSITY OF PHOENIX 2001 MSN UNIVERSITY OF PHOENIX 1997 BS UNIVERSITY OF PHOENIX 1990 ASN GULF COAST COMMUNITY COLLEGE <i>Nursing</i>	08/01/2005	Lori Rager, Assistant Professor 2008 CERT AMERICAN ACADEMY OF PROFESSIONAL CODERS 2008 CERT AMERICAN ACADEMY OF PROFESSIONAL CODERS 2007 CERT AMERICAN ASSOCIATION OF MEDICAL ASSISTANTS 2003 AS SALT LAKE COMMUNITY COLLEGE <i>Medical Assistant</i>	08/16/2006
Diego Pardo, Instructor <i>Applied Technology Center</i>	07/11/2005	Ernest Randa, Professor 1990 PhD UNIVERSITY OF UTAH 1980 MS WESTERN UNIVERSITY OF WASHINGTON 1974 BS UNIVERSITY OF UTAH <i>History</i>	09/16/1993
Lauren Parker, Instructor 2009 MS OREGON STATE UNIVERSITY 2006 BS MOUNT HOLYOKE COLLEGE <i>Geoscience</i>	01/04/2010	Neal Reiland, Associate Professor 1985 BS WASHINGTON STATE UNIVERSITY <i>Visual Art & Design</i>	09/23/1991
Norman Parrish, Assistant Professor 1993 MA UTAH STATE UNIVERSITY 1987 BS NORTHWEST NAZARENE COLLEGE 1985 AA RICKS COLLEGE <i>Athletics</i>	10/01/1989	Richard Renzetti, Assistant Professor 1998 CERT AMERICAN CULINARY FEDERATION 1993 CERT AMERICAN CULINARY FEDERATION 1993 CERT NATIONAL RESTAURANT ASSOCIATION 1991 AAS SALT LAKE COMMUNITY COLLEGE <i>Culinary Arts</i>	09/23/1991
Paige Paulsen, Associate Professor 1983 MS BRIGHAM YOUNG UNIVERSITY 1981 BS UNIVERSITY OF UTAH <i>Accounting</i>	09/23/1991		

Charles Rettberg, Instructor 2003 PhD UNIVERSITY OF UTAH 1995 MS UNIVERSITY OF MONTANA 1987 BS UNIVERSITY OF MONTANA <i>Biotechnology</i>	08/16/2005	Albert Schmuhl, Associate Professor 1973 BS BRIGHAM YOUNG UNIVERSITY <i>Visual Art & Design</i>	09/16/1993
Dollie Richards, Associate Professor 1992 MA BRIGHAM YOUNG UNIVERSITY 1979 BA UTAH STATE UNIVERSITY <i>Health & Lifetime Activities</i>	01/02/1991	Sarah Schramm, Instructor 1981 MS UNIVERSITY OF UTAH 1979 BS UNIVERSITY OF UTAH <i>Family & Human Studies</i>	08/16/2008
Douglas Richards, Associate Professor 1980 MEd BRIGHAM YOUNG UNIVERSITY 1974 BA BRIGHAM YOUNG UNIVERSITY <i>Mathematics</i>	08/16/2001	Leslie Seiferle, Associate Professor 2003 BS UTAH STATE UNIVERSITY 1996 CERT AMERICAN CULINARY FEDERATION 1991 CERT AMERICAN CULINARY FEDERATION 1986 AA CULINARY INSTITUTE OF AMERICA <i>Culinary Arts</i>	09/16/1993
DeeLayne Roark, Instructor <i>ASL/Interpreting</i>	06/01/2007	Sesh Seshadri, Assistant Professor 1984 PhD UNIVERSITY OF UTAH 1967 MS UNIVERSITY OF MADRAS 1964 BS UNIVERSITY OF MADRAS <i>Chemistry</i>	01/11/1999
Paul Roberts, Assistant Professor 1996 MS UNIVERSITY OF UTAH 1992 BS UNIVERSITY OF UTAH <i>Health & Lifetime Activities</i>	09/23/1996	Russell Shipley, Associate Professor 1999 MSN REGIS UNIVERSITY 1994 BSN REGIS UNIVERSITY 1988 MA PARK UNIVERSITY <i>Nursing</i>	01/16/2009
Edward Rosenberger, Instructor <i>Visual Art & Design</i>	01/12/2004	Cheryl Shurtleff, Associate Professor 1987 CERT UNIVERSITY OF UTAH 1987 MA UNIVERSITY OF UTAH 1975 BA AUGUSTA COLLEGE <i>S/C ESL</i>	07/01/1987
Tiffany Rousculp, Associate Professor 1993 MA UNIVERSITY OF SOUTHERN CALIFORNIA 1990 BA ARIZONA STATE UNIVERSITY <i>English</i>	09/16/1993	Carol Sieverts, Associate Professor 1993 MA UTAH STATE UNIVERSITY 1972 BA BRIGHAM YOUNG UNIVERSITY <i>Developmental Education</i>	09/25/1989
Julie Rowsey, Assistant Professor 2000 MSN UNIVERSITY OF PHOENIX 1987 BSN UNIVERSITY OF UTAH 1982 ASN WEBER STATE UNIVERSITY <i>Nursing</i>	08/11/2003	Fiona Silcox, Associate Professor 2008 MAS EMBRY RIDDLE AERONAUTICAL UNIVERSITY 1994 BA EMBRY RIDDLE AERONAUTICAL UNIVERSITY <i>Professional Pilot</i>	04/03/1997
Jane Rudolph, Assistant Professor 1987 PhD INDIANA UNIVERSITY 1976 BA UNIVERSITY OF WYOMING <i>Biology</i>	09/27/1993	Celeste Skinner, Instructor 1977 CERT SLC COLLEGE OF MEDICAL & DENTAL ASSISTANTS <i>Applied Technology Center</i>	07/01/2009
Mark Sabolik, Instructor 1985 AAS HUTCHINSON TECHNICAL COLLEGE <i>Non Destructive Testing</i>	01/01/1991	Don Skousen, Instructor 1980 MS UNIVERSITY OF UTAH 1977 BS UNIVERSITY OF UTAH <i>Business Management</i>	03/29/1994
Amar Sahay, Professor 1991 PhD UNIVERSITY OF UTAH 1986 MS UNIVERSITY OF UTAH 1980 BS BIRLA INSTITUTE OF TECHNOLOGY 1975 AS ST. XAVIER'S COLLEGE <i>Business Management</i>	03/23/1992	Monte Sleight, Assistant Professor 1999 JD UNIVERSITY OF UTAH 1996 BS UNIVERSITY OF UTAH <i>Paralegal</i>	01/10/2005
Katerina Salini, Associate Professor 2001 BS WESTMINSTER COLLEGE 1993 MS UNIVERSITY OF UTAH 1987 BA UNIVERSITY OF NEW MEXICO <i>Psychology</i>	02/01/2002	Tyler Smith, Instructor 1999 MA UNIVERSITY OF UTAH 1997 BA UNIVERSITY OF UTAH <i>Communication</i>	06/03/2008
Brenda Santistevan, Assistant Professor 1996 MS NEW MEXICO STATE UNIVERSITY 1995 BS NEW MEXICO INST. OF MINING & TECHNOLOGY <i>Mathematics</i>	09/16/1997	Zeph Smith, Instructor 2001 MS UNIVERSITY OF UTAH 1996 BS UNIVERSITY OF UTAH <i>Mathematics</i>	08/16/2002
Arleen Sawitzke, Professor 1991 PhD UNIVERSITY OF UTAH 1982 Cert UNIVERSITY OF ILLINOIS 1981 BA CARROLL COLLEGE <i>Biology</i>	09/01/1990	Cindy Soderstrom, Associate Professor 2002 MEd WESTMINSTER COLLEGE 1998 BS UNIVERSITY OF UTAH 1992 AS SALT LAKE COMMUNITY COLLEGE <i>Mathematics</i>	04/06/1992
David Schaffer, Instructor 2007 MS WICHITA STATE UNIVERSITY 1982 BS UNIVERSITY OF UTAH <i>Physics</i>	01/09/2006		

Mequette Sorensen, Assistant Professor 1996 MS UNIVERSITY OF UTAH 1991 BA UNIVERSITY OF UTAH <i>Social Work</i>	03/31/1998	Shane Tang, Assistant Professor 2001 MS BRIGHAM YOUNG UNIVERSITY 1999 BS BRIGHAM YOUNG UNIVERSITY <i>Mathematics</i>	06/01/2003
Shari Sowards, Professor 1971 MS UNIVERSITY OF UTAH 1963 BS UNIVERSITY OF UTAH 1961 AS WEBER STATE UNIVERSITY <i>Political Science</i>	09/26/1988	William Tanner, Professor 1983 PhD SOUTHERN ILLINOIS UNIVERSITY 1979 MA SOUTHERN ILLINOIS UNIVERSITY 1975 BA POMONA COLLEGE <i>Biology</i>	09/01/1984
Charles Spainhower, Instructor <i>Automotive Technology</i>	02/01/1973	Ralph Tasker, Associate Professor 2004 BS UTAH STATE UNIVERSITY 2000 AAS SALT LAKE COMMUNITY COLLEGE <i>Division of Technical Specialties</i>	04/15/1997
Connie Spanton-Jex, Assistant Professor 2002 MA WESTERN MARYLAND COLLEGE 1988 AS COLLEGE OF EASTERN UTAH 1988 BS UTAH STATE UNIVERSITY <i>ASL/Interpreting</i>	06/02/2001	Kristen Taylor, Instructor 1998 BS UNIVERSITY OF UTAH 2007 MS UNIVERSITY OF HAWAII <i>Biology</i>	08/16/2007
Mildred Sparks, Associate Professor 1978 MS PEPPERDINE UNIVERSITY 1964 BS ALABAMA STATE UNIVERSITY <i>Developmental Education</i>	08/16/2003	Donna Thompson, Professor 1989 MSN BRIGHAM YOUNG UNIVERSITY 1985 BSN BRIGHAM YOUNG UNIVERSITY 1976 ADN UNIVERSITY OF KENTUCKY <i>Nursing</i>	10/03/1986
Betsy Specketer, Instructor 1992 MS ILLINOIS STATE UNIVERSITY 1981 BS ILLINOIS STATE UNIVERSITY <i>Athletics</i>	09/19/1994	Melissa Tillack, Assistant Professor 2001 MS BRIGHAM YOUNG UNIVERSITY 1994 BS BRIGHAM YOUNG UNIVERSITY 1988 AS RICKS COLLEGE <i>Biology</i>	08/16/2003
Barbara Stencel, Associate Professor 1981 MSN UNIVERSITY OF UTAH 1977 BSN UNIVERSITY OF UTAH 1972 CERT RAVENSWOOD HOSPITAL SCHOOL <i>Nursing</i>	08/16/2001	Suzanne Topp, Assistant Professor 2001 MS OREGON STATE UNIVERSITY 1989 BS SANTA CLARA UNIVERSITY <i>Mathematics</i>	08/16/2003
Michael Stenquist, Instructor 1982 BS UTAH STATE UNIVERSITY <i>Engineering, Drafting & Design</i>	01/02/2008	Gary Topping, Professor 1977 PhD UNIVERSITY OF UTAH 1970 MA NORTHERN ARIZONA UNIVERSITY 1969 BA NORTHWEST NAZARENE COLLEGE <i>History</i>	09/23/1991
Brittany Stephenson, Assistant Professor 1999 MA UTAH STATE UNIVERSITY 1994 BA UNIVERSITY OF UTAH <i>English</i>	08/29/2001	William Tovar, Instructor <i>S/C Professional Driving</i>	07/02/2007
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Elisa Stone, Associate Professor 1993 MA UNIVERSITY OF UTAH 1990 BA UTAH STATE UNIVERSITY 1988 AA RICKS COLLEGE <i>English</i>	03/29/1993	Jana Tucker, Assistant Professor 1998 AS SALT LAKE COMMUNITY COLLEGE 1969 CERT SALT LAKE CITY COLLEGE OF MEDICAL ASSISTING <i>Medical Assistant</i>	03/15/1988
Jonathan Stowers, Associate Professor 1984 MA UNIVERSITY OF UTAH 1981 BA UNIVERSITY OF UTAH 1981 BFA UNIVERSITY OF UTAH <i>Language</i>	09/16/1988	Deidre Tyler, Professor 1993 PhD MISSISSIPPI STATE UNIVERSITY 1983 MA UNIVERSITY OF MISSISSIPPI 1981 BS MISSISSIPPI STATE UNIVERSITY 1979 AA HINDS JUNIOR COLLEGE <i>Sociology</i>	06/22/1992
TC Stuwe, Associate Professor 1999 MS PORTLAND STATE UNIVERSITY 1997 BA LINFIELD COLLEGE 1995 AA CHEMEKETA COMMUNITY COLLEGE <i>Developmental Education</i>	08/16/2003	Robert Udy, Assistant Professor 1975 AAS SALT LAKE COMMUNITY COLLEGE <i>S/C Welding</i>	09/30/1991
Pool Suetorsak, Assistant Professor 2004 PhD UNIVERSITY OF UTAH 1999 MA UNIVERSITY OF UTAH 1995 MS CHULALONGKORN UNIVERSITY 1994 BA CHULALONGKORN UNIVERSITY <i>Economics</i>	08/16/2007	Gilbert Ulibarri, Associate Professor 2000 MS UTAH STATE UNIVERSITY 1992 AS SALT LAKE COMMUNITY COLLEGE 1992 BSEET WEBER STATE UNIVERSITY <i>S/C Electronics</i>	10/01/1993

Molitika Vaivaka, Assistant Professor 1984 MS BRIGHAM YOUNG UNIVERSITY 1982 BS BRIGHAM YOUNG UNIVERSITY <i>Mathematics</i>	01/04/1993	Candace Wignall, Associate Professor 1995 MS BRIGHAM YOUNG UNIVERSITY 1974 BS UNIVERSITY OF COLORADO <i>Developmental Education</i>	01/04/1988
Ron Valcarce, Assistant Professor 1989 BS UTAH STATE UNIVERSITY 1989 MS UTAH STATE UNIVERSITY <i>Chemistry</i>	06/22/1992	Barbara Willett, Associate Professor 1995 MBA WILLIAM CAREY COLLEGE 1989 MEd UNIVERSITY OF SOUTHERN MISSISSIPPI 1987 BS UNIVERSITY OF SOUTHERN MISSISSIPPI 1983 AAS PEARL RIVER JUNIOR COLLEGE <i>Marketing</i>	08/16/2000
Trina VanAusdal, Associate Professor 2001 MS UNIVERSITY OF UTAH 1996 BS BRIGHAM YOUNG UNIVERSITY <i>Physics</i>	08/23/2000	Sally Williams, Associate Professor 2003 CERT AMERICAN ACADEMY OF PROFESSIONAL CODERS 1973 BS UNIVERSITY OF UTAH <i>S/C OIS</i>	06/01/1971
Edward Walsh, Assistant Professor 2004 CERT COMPTIA LINUX 2004 CERT COMPTIA I-NETT 2003 CERT RED HAT ENGINEER 2003 CERT MICROSOFT SOLUTIONS DEVELOPER 2003 CERT MICROSOFT DATABASE MANAGEMENT 2003 CERT COMPTIA CTT 2002 AS EXCELSIOR COLLEGE 2000 CERT MICROSOFT PROFESSIONAL 2000 CERT SALT LAKE COMMUNITY COLLEGE <i>S/C MS Technician</i>	06/01/1999	Brian Williamson, Associate Professor 1992 BS PACIFIC WESTERN UNIVERSITY 1987 AAS SALT LAKE COMMUNITY COLLEGE <i>Aviation Maintenance</i>	03/01/1984
Dennis Watson, Instructor 1983 MA PACIFIC COAST SCHOOL OF BANKING 1972 MBA UTAH STATE UNIVERSITY 1971 BS UNIVERSITY OF UTAH <i>Economics</i>	01/09/2006	Andrew Wilson, Instructor <i>Visual Art & Design</i>	08/16/2009
David Watt, Assistant Professor 1964 BS UTAH STATE UNIVERSITY <i>Mathematics</i>	04/01/1978	Dennis Wilson, Associate Professor 1986 MS BOISE STATE UNIVERSITY 1980 BS BRIGHAM YOUNG UNIVERSITY <i>Economics</i>	03/28/1988
Michael Wellman, Assistant Professor 1984 CERT US DEPARTMENT OF THE NAVY 1984 MS TROY STATE UNIVERSITY 1977 BS UNIVERSITY OF NORTH CAROLINA CHAPEL HILL <i>Professional Pilot</i>	08/16/2006	Kristi Winter, Associate Professor 2008 MA GALLAUDET UNIVERSITY 2006 BA GALLAUDET UNIVERSITY <i>ASL/Interpreting</i>	08/16/2008
LornaKay Wells, Professor 1984 MS UTAH STATE UNIVERSITY 1982 BS UTAH STATE UNIVERSITY 1977 AS RICKS COLLEGE <i>Computer Information Systems</i>	09/01/1982	Lisa Wood, Professor 1995 MS UNIVERSITY OF UTAH 1991 BS UNIVERSITY OF UTAH 1984 CERT UNIVERSITY OF UTAH RADIOLOGIC TECHNOLOGY <i>Radiological Technology</i>	07/01/1991
Edgar White, Instructor 2000 CERT ASE 1997 BS WEBER STATE UNIVERSITY 1996 AAS WEBER STATE UNIVERSITY <i>Automotive Technology</i>	09/16/1997	James Woodall, Associate Professor 1989 MS PORTLAND STATE UNIVERSITY 1987 BS PORTLAND STATE UNIVERSITY 1982 AS DELTA COLLEGE <i>Developmental Education</i>	09/16/1993
Michael White, Assistant Professor 2005 MEd NORTHERN ARIZONA UNIVERSITY 1993 MA INDIANA UNIVERSITY OF PENNSYLVANIA 1982 BS PAINE COLLEGE <i>Division of Developmental Education</i>	09/15/2004	Bruce Worthen, Professor 1984 MS UNIVERSITY OF UTAH 1981 BS BRIGHAM YOUNG UNIVERSITY <i>Computer Information Systems</i>	09/23/1991
Carol Whitesides, Assistant Professor 1997 MS/FNP BRIGHAM YOUNG UNIVERSITY 1982 MPA BRIGHAM YOUNG UNIVERSITY 1978 BSN UNIVERSITY OF UTAH 1972 BS WEBER STATE UNIVERSITY <i>Nursing</i>	01/01/2006	Lynnette Yerbury, Professor 1987 MBA UNIVERSITY OF UTAH 1982 BS SOUTHERN UTAH STATE UNIVERSITY 1980 AAS UTAH TECHNICAL COLLEGE	03/15/1987
Jean Widdison, Associate Professor 1982 MS UNIVERSITY OF UTAH 1974 BS BRIGHAM YOUNG UNIVERSITY <i>Health & Lifetime Activities</i>	09/14/1987	Curtis Youngman, Professor 1977 MS UTAH STATE UNIVERSITY 1974 BS UTAH STATE UNIVERSITY <i>Marketing</i>	09/14/1978

Administration

Name, Position		Hire Date*
YEAR DEGREE	INSTITUTION	
<i>Department</i>		<i>*Indicates years of service to SLCC</i>
Sondra Adams, Dept. Chair, Health & Life Activities		07/01/1990
1990 MS	EASTERN WASHINGTON UNIVERSITY	
1981 BS	UNIVERSITY OF UTAH	
<i>Health & Lifetime Activities</i>		
Paul Allen, Department Chair		08/16/2002
1995 PhD	YALE UNIVERSITY	
1991 MA	YALE UNIVERSITY	
1988 BA	SUNY AT BUFFALO	
<i>Division of Humanities</i>		
Robert Askerlund, Director		11/16/1989
2000 BS	UNIVERSITY OF PHOENIX	
1976 AAS	SALT LAKE COMMUNITY COLLEGE	
<i>Facilities Office</i>		
Tim Beagley, Department Chair		03/01/1990
1997 PhD	UNIVERSITY OF UTAH	
1989 MS	UNIVERSITY OF UTAH	
1987 BS	UNIVERSITY OF UTAH	
<i>Biology</i>		
George Billings, Division Chair		09/15/1986
1997 BS	UTAH STATE UNIVERSITY	
<i>Division of Technical Specialties</i>		
Cynthia Bioteau, President of College		07/18/2005
2002 PhD	LESLEY UNIVERSITY	
1976 MA	ASSUMPTION COLLEGE	
1974 BA	UNIVERSITY OF NEW HAMPSHIRE	
<i>President's Office</i>		
Mason Bishop, Vice President		12/03/2007
1994 MPA	BRIGHAM YOUNG UNIVERSITY	
1990 BA	BRIGHAM YOUNG UNIVERSITY	
<i>Institutional Advancement</i>		
Rick Bouillon, Director		07/01/1999
1983 MS	EASTERN ILLINOIS UNIVERSITY	
1981 BS	EASTERN ILLINOIS UNIVERSITY	
<i>Regional Administration</i>		
Dennis Bromley, Division Chair		07/16/2009
<i>Business Administration</i>		
Nancy Brown, Director		05/01/2008
<i>Development Office</i>		
Michael Caldwell, Department Chair		03/01/2004
1998 PhD	TEXAS A & M UNIVERSITY	
1992 BS	UNIVERSITY OF LOUISIANA	
<i>Biotechnology</i>		
Norma Carr, Director		07/01/1989
1977 MS	UNIVERSITY OF UTAH	
1969 BS	BRIGHAM YOUNG UNIVERSITY	
<i>Athletics</i>		
Blair Carruth, Dean		08/29/1988
2001 PhD	UNIVERSITY OF WYOMING	
1982 MBA	UTAH STATE UNIVERSITY	
1980 BA	UNIVERSITY OF UTAH	
<i>School of Business</i>		

Larry Christensen, Department Chair		08/01/1970
1973 MS	BRIGHAM YOUNG UNIVERSITY	
1967 BS	BRIGHAM YOUNG UNIVERSITY	
<i>Psychology</i>		
Marlin Clark, Dean of Students		09/01/2005
2005 PhD	GONZAGA UNIVERSITY	
2000 CERT	GEORGE PEABODY COLLEGE VANDERBILT UNIVERSITY	
1978 BS	LAVERN UNIVERSITY	
1976 AS	ALLAN HANCOCK COMMUNITY COLLEGE	
<i>Dean of Students</i>		
Shane Crabtree, Director		10/19/1992
<i>Parking Services</i>		
Susan Curtis, Department Chair		07/01/1988
1998 CERT	UTAH STATE UNIVERSITY	
1995 AAS	SALT LAKE COMMUNITY COLLEGE	
1986 CERT	SALT LAKE COMMUNITY COLLEGE	
<i>Barbering and Cosmetology</i>		
Randy Cutliff, Director		04/16/2007
<i>Internal Audit</i>		
Ray Emett, Director		09/01/1981
1988 MS	UTAH STATE UNIVERSITY	
1977 BS	UNIVERSITY OF UTAH	
<i>Institutional Research</i>		
L Evans, Dean		02/01/2007
2004 PhD	UNIVERSITY OF PITTSBURGH	
1996 MLIS	KENT STATE UNIVERSITY	
1995 MA	UNIVERSITY OF AKRON	
1992 MA	CLEVELAND STATE UNIVERSITY	
<i>Library Redwood</i>		
Janet Felker, Dean		11/01/1986
1972 MA	HARVARD UNIVERSITY	
1970 BA	SKIDMORE COLLEGE	
<i>Student Planning & Support Office</i>		
John Fritz, Department Chair		12/01/1987
1984 PhD	UNIVERSITY OF UTAH	
1974 MS	EASTERN NEW MEXICO UNIVERSITY	
1973 BS	EASTERN NEW MEXICO UNIVERSITY	
<i>History</i>		
Joseph Gallegos, Department Chair		03/01/1991
1992 MS	UNIVERSITY OF UTAH	
1986 BS	UNIVERSITY OF UTAH	
<i>Mathematics</i>		
Craig Gardner, Director		08/22/1991
<i>Human Resources</i>		
Bryan Griggs, Department Chair		09/26/1994
1993 BFA	ART CENTER COLLEGE	
1989 AAS	RICKS COLLEGE	
<i>Visual Art & Design</i>		
Barbara Grover, Director		09/27/1993
1991 MS	UNIVERSITY OF OREGON	
1983 CERT	WESTERN OREGON STATE COLLEGE	
1976 BA	PRINCETON UNIVERSITY	
<i>Assessment, Accreditation & Planning</i>		
Karen Gunn, Dean		04/01/1992
1991 MBA	WESTMINSTER COLLEGE	
1974 BA	UTAH STATE UNIVERSITY	
<i>Professional & Economic Development</i>		
Loredana Haeger, Dean		11/01/2008
<i>School of Health Science</i>		

Douglas Hansen, Controller/Business Manager 1982 CPA STATE OF UTAH 1979 BA UNIVERSITY OF UTAH <i>Business Office</i>	11/08/1999	Nick Safai, Department Chair 1978 PhD PRINCETON UNIVERSITY 1975 MSE PRINCETON UNIVERSITY 1974 MS PRINCETON UNIVERSITY 1972 BSE MICHIGAN STATE UNIVERSITY <i>Engineering</i>	03/28/1988
Kimberly Henrie, Senior Budget Officer <i>Budget Office</i>	09/22/2008	Nancy Sanchez, Director <i>Risk Management</i>	07/01/1979
David Hubert, Dean 1997 PhD UNIVERSITY OF CONNECTICUT 1990 MA UNIVERSITY OF CONNECTICUT 1987 BS COLORADO STATE UNIVERSITY <i>General & International Education</i>	09/21/1994	Clifton Sanders, Dean 1990 PhD UNIVERSITY OF UTAH 1977 MA HAMLING UNIVERSITY <i>Science, Mathematics, & Engineering</i>	06/10/1993
Deneece Huftalin, Vice President 2006 PhD UNIVERSITY OF UTAH 1987 MA UNIVERSITY OF CALIFORNIA LOS ANGELES 1984 BS UNIVERSITY OF UTAH <i>Student Services</i>	08/01/1992	Jennifer Saunders, Division Chair 2004 CFRE COUNCIL FOR RESOURCE DEVELOPMENT 1996 CPM STATE OF UTAH 1995 MEd WESTMINSTER 1992 BS UNIVERSITY OF UTAH <i>Continuing Education</i>	12/16/2003
Peter Iles, Division Chair <i>Natural Sciences</i>	08/16/1999	Randy Schouten, Division Chair 1969 MBA UNIVERSITY OF UTAH 1968 BS BRIGHAM YOUNG UNIVERSITY <i>Business & Employer Outreach</i>	01/26/2004
Troy Justesen, Vice President <i>Workforce, Literacy, & Professional Development</i>	02/01/2009	Richard Scott, Director <i>Grand Theatre</i>	01/01/1997
John Keck, Dean <i>School of Applied Technology</i>	02/01/2009	Dale Smith, Department Chair 1978 MS BRIGHAM YOUNG UNIVERSITY 1976 BS BRIGHAM YOUNG UNIVERSITY <i>Family & Human Studies</i>	07/01/1985
Dennis Klaus, Vice President 1981 MBA UNIVERSITY OF MONTANA 1970 BS PENNSYLVANIA STATE UNIVERSITY <i>Business Services</i>	06/01/2006	J. Southerland, Assistant to Instructional Vice President <i>Instruction</i>	06/16/2009
John McCormick, Dean 1973 PhD UNIVERSITY OF IOWA 1968 MS UNIVERSITY OF UTAH 1966 BA UNIVERSITY OF UTAH <i>Humanities & Social Science</i>	09/16/1988	Enrique Velasquez, Department Chair 2007 LCSW STATE OF UTAH 1992 MSW UNIVERSITY OF UTAH 1988 BS UNIVERSITY OF UTAH <i>Social & Behavior Sciences</i>	10/01/1990
Alison McFarlane, Director, Inst. Mktg. & Comm. 1981 BA UNIVERSITY OF UTAH <i>Institutional Marketing</i>	08/16/2007	Kyle Wagner, Division Chair 2006 PhD CAPELLA UNIVERSITY 2000 MS CENTRAL MISSOURI STATE UNIVERSITY 1999 BS CENTRAL MISSOURI STATE UNIVERSITY 1986 AA LINN TECHNICAL COLLEGE <i>Aviation & Related Technology</i>	12/01/2007
Douglas New, Division Chair 1985 EdD UTAH STATE UNIVERSITY 1985 MEd UNIVERSITY OF UTAH 1981 CERT. BRIGHAM YOUNG UNIVERSITY 1980 BA UNIVERSITY OF UTAH <i>Developmental Education</i>	09/21/1994	Eric Weber, Dean 1992 CERT. US DEPARTMENT OF EDUCATION 1979 BA MICHIGAN STATE UNIVERSITY 1975 AS DAVENPORT UNIVERSITY <i>Student Enrollment Services</i>	11/15/1993
Joseph Peterson, Vice President 2005 PhD UNIVERSITY OF NEVADA, LAS VEGAS 1982 MA BRIGHAM YOUNG UNIVERSITY 1980 BA BRIGHAM YOUNG UNIVERSITY <i>Instruction</i>	08/16/2007	L. Kay White, Division Chair 2005 EdD UNIVERSITY OF UTAH 1983 MEd UNIVERSITY OF UTAH 1973 BS UTAH STATE UNIVERSITY <i>School of Applied Technology, Instruction</i>	07/01/1992
Mozelle Prestridge-Orton, Director 2007 CERT HARVARD UNIVERSITY MEDIATION TRAINING 1993 MAEd UTAH STATE UNIVERSITY 1990 CERT HARVARD UNIVERSITY 1988 BS UNIVERSITY OF UTAH <i>Diversity</i>	01/23/2006	L. Williams, Division Chair 1970 MA BRIGHAM YOUNG UNIVERSITY 1967 BA BRIGHAM YOUNG UNIVERSITY <i>Communication</i>	05/01/1982
James Pulliam, Chief Information Officer <i>Information Technology</i>	07/15/2004	Gordon Wilson, Director 2000 MS BRIGHAM YOUNG UNIVERSITY 1986 BS BRIGHAM YOUNG UNIVERSITY 1984 AS UTAH VALLEY UNIVERSITY <i>Student Center Office</i>	05/22/1989
Stephen Ruffus, Department Chair 1974 MA COLORADO STATE UNIVERSITY 1972 BA UNIVERSITY OF BUFFALO <i>English</i>	09/13/1989		

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