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Step Into A Recession-Proof Job!

Only a crystal ball will help predict if the U.S. economy will be better this year than it was last year. Weak job growth, a slowing economy, higher unemployment rates and troubled housing markets feed an economic recession. According to experts, however, despite rising unemployment, many employers are still hiring. Even more encouraging to someone just beginning to plan his/her career or change jobs due to a layoff is the fact that certain industries will not only survive, but will thrive during the current economic downturn.

The most important thing to remember is that a recession is a challenging time to make a wholesale change to a new career field. “Many job seekers make the mistake of attempting a career change during downturns,” said John A. Challenger, chief executive officer of Challenger, Gray & Christmas, a global outplacement consulting firm. “This can be a career-crippling move. It is much better to focus on transferring your current occupation’s skills to industries that remain healthy.”

If you’re in an industry hard hit by the economic downturn, you can improve the skills you bring to your current job, or build on transferable skills to a new job. “The important issue right now is that people get skills and education beyond high school,” said Mason M. Bishop, Salt Lake Community College’s Vice President of Institutional Advance- ment. “For some people a four-year degree will be the best fit, for others it may be a shorter degree or industry-recognized certificate or license in a high-growth industry or occupation.”

While some industries, such as retail, finance and construction are vulnerable during recessions, there are plenty of industries that fare well in tough economic times. Paying attention to what the specific trends are when the economy slows down can give workers much insight into fields likely to prosper.

“Do not make the mistake of thinking that only those with industry-specific skills will be in demand. Hospitals not only need nurses and physical therapists, they need administrators and information technology workers,” Challenger explained. “Firms specializing in information security need accountants and marketing professionals in addition to computer programmers. There should be a wide variety of opportunities in the industries that remain strong through the slowdown.”

Are you working in a recession-proof business? Are you in a course of study that leads to a job in industries that have a good outlook? If you’re about to finish high school, what should you consider when deciding which option works best for you? According to Bishop, you’re wise to think about what makes the economy—and yourself—tick. “People who thrive in any economy combine their passion with opportunity,” Bishop said. “When people bring together what they love to do with the information on where the opportunities are, they have a good idea of the kinds of education and training that will be perfect for them.”

The following industries are expected to offer the best opportunities for job seekers as the U.S. seeks to climb out of the recent economic downturn.

Health Care

The Bureau of Labor Statistics recently compiled a list of the 30 fastest growing jobs in the U.S. Over the next decade, nearly one out of every two jobs on that list are in health services. These jobs include medical assistants, physical therapists and home health aides. In fact, the outlook for health care professionals has never been stronger, especially as our population continues to age.

Nursing continues to face a significant shortage. To address this shortage, SLCC is collaborating with Intermountain Healthcare to make nurse training possible for many students in the Salt Lake valley. With Intermountain Healthcare’s help, SLCC developed a new part-time nursing track program that provides flexibility to those who might find more traditional means of study impossible. Employers across the country continue to entice nurses with signing bonuses for hard-to-fill jobs. Some companies also provide funding for continuing education and relocation reimbursement. And many nursing jobs come with flexible work options, including the option to work 12-hour shifts with four days off per week.
SLCC provides all the training needed to break into numerous promising health care fields. Students can get their start in the dental assistant field, and those looking to train as medical records and health information technicians have opportunities. So do people who want to become personal and home care aides. SLCC’s allied health fields cover every important part of the health care industry. SLCC students train on the latest equipment at SLCC’s new Health Sciences Center in West Jordan, Utah.

**Education**

At the same time that many teachers are getting older and are retiring, the number of students enrolling in grades K-12 is rapidly rising in this country. As a result, there’s a perfect storm pushing the demand for skilled teachers higher than ever before. In fact, the National Center for Education Statistics predicts that in the next eight years, 2.8 million teachers will need to be added to the existing 3.2 million teachers in the U.S. to maintain the same level of service for students.

SLCC offers several options for those interested in getting into the teaching profession. In addition to an associate’s degree in education that students can use to transfer to any four-year school in the state, SLCC offers professionals an Alternative Route to Licensure. This program allows people who have been in the workforce to bring their professional experience into Utah’s classrooms. Once hired by a school district, new, unlicensed teachers can take these courses to augment the training offered by the schools themselves. By gaining practical experience in the classroom, and receiving academic instruction at SLCC, people who want to teach can immediately step into the classroom and realize their goal of becoming fully certified in just a few years.

**Energy**

The energy industry is hot. For instance, 80 percent of those in the oil and gas sector will be reaching retirement age in the next ten years, according to Challenger, Gray & Christmas. As a result, jobs related to the oil and gas sector are likely to grow steadily. Bishop agrees, saying, “With so much focus on our domestic production of energy resources, there are all kinds of opportunities in various energy fields today.”

SLCC is at the forefront of providing, and a number of well-paying jobs require more education than a high school degree, but less than a bachelor’s degree. SLCC also prepares students for careers in other related job categories in the energy field: geoscientists, engineers, computer technicians and many others.

**Environmental**

As our country becomes increasingly aware of global warming, and other environmental issues, more and more companies are “going green” and are hiring engineers and scientists to develop green technologies. Plenty of opportunity exists for those interested in environmental fields and careers.

SLCC is leading the way in training the next generation of ‘clean collar’ workers in a wide range of sectors most crucial to the economy today. Students can learn how to install solar panels on houses and businesses or how to convert cars to energy-efficient, clean-burning compressed natural gas. Students can even get training in the Energy Management and Renewable energy sector. SLCC offers a sustainability certificate that signifies to employers that students are conversant with the problems, issues and solutions regarding the environment. The sustainability certificate program specifically focuses on the skills, strategies and techniques needed by students to progress in an environmentally-related career field.
We’re In Business

Accreditation for the Salt Lake Community College School of Business was recently renewed by the Association of Collegiate Business Schools and Programs. SLCC earned this award without garnering a single blemish from the national association, an accomplishment that Blair Carruth, SLCC’s Business School Dean, said, “almost never happens.”

Stepping ahead with new offerings, the SLCC School of Business and the SLCC School of Professional and Economic Development have formed a partnership to create an innovative approach that puts an associate degree within reach of busy adults. Billed as the Accelerated Business Degree, this new offering delivers most of the courses in the business transfer program in a format that maintains content and rigor but shortens completion time to just over one year. Some students may need to complete a few general education courses that are not offered as part of the accelerated format. These courses may be taken concurrently with the program.

“We are very pleased to make this opportunity available. Many adults who have not earned a college degree are bound by scheduling constraints and face lengthy completion times,” stated Dr. Carruth.

In order to accommodate working professionals’ busy schedules while still delivering the course content required by a first-rate business degree, SLCC decided to eliminate many of the barriers that keep people already in the workforce from attending college. The result is a program that is very challenging and that places some intensive demands on those who want to take the accelerated degree. The payoff, though, comes in getting an associate degree faster than traditionally possible. “The accelerated business offering at SLCC is very intense and rigorous. Students willing to make the commitment can gain a valuable education and move forward with their lives,” said Dr. Carruth.

Highly qualified full-time and adjunct faculty professionals and administrators from the School of Business and the School of Professional and Economic Development provide support for the program. Meeting on Tuesday and Thursday evenings, the courses are geared toward those with jobs and family responsibilities. Courses conveniently blend time in the classroom with convenient, flexible on-line instruction.

The Associate of Science in Business degree is accredited by the Association of Collegiate Business Schools and Programs (ACBSP). All courses are transferable to most four-year institutions of higher education.

SLCC’s School of Business recognizes that it’s just as important to keep in mind where students want to go when they graduate as where they are in their education now. Join the hundreds of SLCC business students currently Stepping Ahead, for whom Salt Lake Community College is the means, not the end.

Student Profile: Finance

Debi Jones

Debi Jones started her education at Salt Lake Community College four years ago after a little prodding from her daughter. “My daughter came home and said, ‘Mom, I’m taking a finance class at SLCC, and you wouldn’t believe how great my teacher is. You just have to sign up for this.’” Debi decided to take a class from that finance professor, SLCC’s Marlon Andrus, and has been hooked on finance ever since.

Now a full-time student in the finance program, Debi is putting the knowledge she’s acquired in classes like personal finance, investments, and financial planning to good use in an internship with Northwestern Mutual Financial Network. Named by Vault Guide as a top-ten company for interns each year from 1997-2008, Northwestern Mutual has helped Debi build relationships in the industry and gain real-world understanding that directly translates to business. “I love everything about my internship with Northwestern,” Debi said. “My boss, who also graduated from SLCC, is helping me to get licensed as an insurance agent next semester, and I find going to work rewarding every day.”

Her courses at SLCC really provided the foundation for the success Debi is now enjoying. “I’ve always loved learning and going to school,” Debi said. “After my husband died, I didn’t really know anything about finance, expect very basic budgeting. I’ve learned so much in this program. I can really see the importance of being financially stable.”

Debi isn’t completely sure of the career path she’ll follow once she’s finished at SLCC, but she knows what she’s learned here will help her find success. “I really have faith that this will lead me in the right direction. This course of study has made me a more balanced person,” she said. Among the things she’d like to do is to work for a non-profit organization that gets to the root of people’s financial problems and offers them help. And what advice would she give her clients? “Being financially stable requires discipline. It’s not always easy,” she expressed. “Like anything in life, money is a habit. People need to know they have to have a plan, have a budget, and they have to stick to it. No matter how meticulous you are in other areas of your life—whether it’s your religion, health, kids or anything—you have to carry that over into your finances.”

“What I hope to take from my education—and what I hope to pass on to my kids—is that education and financial security give you options in life,” Debi stated. “Finance has really become talk-talk in our house, and I hope that by making good financial decisions, that we can open up more options in all of our lives.”

We’re In Business
About the most dangerous affliction an engineer can suffer is "group-think"—a condition where people in a group try to minimize conflict and reach consensus without critically testing, analyzing and evaluating ideas. Strong engineers always exhibit creativity, uniqueness and independence of thought—thus always trust their own individual thinking. In fact, an engineer is far more likely to list, detail and categorize the eight main symptoms of "group think" than to suffer from it.

It may be a little surprising, then, to see SLCC’s pre-engineering students gathered together day after day working through the difficult coursework their programs demand. Students from various disciplines of engineering work together in exceptionally cohesive study groups.

Robert Stockton, who also serves as Vice President of the American Society for Engineering Education, attributes much of his success to the solid study group he’s worked with since his first semester and the strong work habits of his fellow students. “We’ve got a great group of people in our classes—and we’re here all the time,” he said.

Why study engineering? Jessie Strickland who serves as President of the American Society for Engineering Education answers the question by saying, “I am studying engineering because I would like to make a reasonable salary and make a difference in the future. If I can design something that will change the future, I feel that I have had a greater purpose than someone who just goes to work, sits at a desk and does the same thing every day of their life. I did that for ten years before deciding on engineering, and I am so excited at the prospect of starting a career that will be so challenging and varied every day.”

Salt Lake Community College prepares students well for dynamic careers in engineering. “I just think it’s really hard to slip through the cracks here,” said Jake Clegg, President of the American Society for Civil Engineers. “We’ve got a great group that helps each other out. And, our teachers are all so approachable, which is so important because engineering programs are so demanding. And we’ve got 11 or 12 students in each class—not 400. We get to learn from teachers who are incredibly dedicated and who have a ton of experience; it’s great. If you have a question, you know it’ll get answered.”

“It’s really easier to learn here at SLCC,” Jessie Strickland believes. “We get a great foundation here. At SLCC, our dynamics class is split up so that we get the same material over two semesters. So, we get the same class, the same credit hours, but we get more in-class time with teachers instead of teaching assistants. At SLCC, the focus is always on learning the material, never just getting through it.”

“Because of the preparation that SLCC has given me, I know that when I transfer to another school to finish my degree, I’ll have a very good understanding of the first two years of the program’s material because of the smaller classes I’ve had.” Jake Clegg explains, “class size and excellent instruction have made learning relatively easy, and so the next two years will be much easier because I won’t still be stuck trying to learn the first two years’ worth of my program.”

Need money for school?

Financial Aid Office
(801) 957-4410
www.slcc.edu/financialaid

Our financial aid office can help you find the type of financial assistance most appropriate for you. There are many scholarships, grants and loans of various types for which you may qualify. Please call or visit today and let us help you sort it all out.
Biotechnology: It’s in Your Garage!

“Biotechnology is in your garage,” according to Dr. Craig Caldwell, SLCC Biotechnology Department Chair. “When you use the product RoundUp to eliminate weeds from your yard, you’ve used biotechnology.” According to the United Nations Convention on Biological Diversity, ‘any technological application that uses biological systems, living organisms, or derivatives thereof, to make or modify products or processes for specific use’ is part of biotechnology.

According to the U.S. Department of Labor, jobs in biotechnology are projected to increase 12 percent between 2008 and 2016. The best job opportunities will be for graduates of applied science technology programs who are well trained on equipment used in laboratories or production facilities. A biotechnology technician may be employed in a variety of areas including medicine, agriculture, forensics and medical environmental science device development.

In agricultural biotechnology, researchers recently developed a purple tomato “that has high levels of beneficial anthocyanins — antioxidants known to neutralize potentially harmful oxygen molecules, or free radicals, in the body and reduce the risk of heart disease and cancer,” according to an article in The Salt Lake Tribune. The applications of biotechnology extend into agriculture, medicine, forensics, and environmental industries.

A career in biotechnology is a world of creating, exploring and improving people’s lives.

The Biotechnology Technicians Program (BTP) at Salt Lake Community College currently offers an Applied Associate of Science (AAS) degree and also an Associate of Science (AS) degree with a transfer articulation for programs to Utah Valley University.

Created in 2001, the Biotechnology program has evolved to provide “an unparalleled environment where students receive extensive hands-on instruction through close interaction with trained scientists,” said Dr. Caldwell. “The College has invested in high quality personnel, amazing laboratories and the instrumentation is top of the line.”

Partnerships with local biotechnology companies provide SLCC students with the most current knowledge and cutting-edge techniques in the field. The program emphasizes hands-on instruction with more than 100 hours spent in the laboratory. An important component of the SLCC Biotechnology program is that students complete internships at local biotechnology companies, where they receive unique opportunities to apply what they’ve learned to a real-world industry setting.

Students in SLCC’s program also benefit from exclusive opportunities to work with InnovaBio Labs, a laboratory dedicated to enhancing student education through corporate internships using peer-based learning. The nationally-recognized InnovaBio program gives students biotechnology research experience they normally wouldn’t receive until after they enter the job market. The lab at SLCC is managed by scientists, a project manager and a business team.

Formed and driven by the industry, SLCC’s Biotechnology curriculum is dynamic and changes with industry developments. Courses are taught by faculty with extensive experience in laboratory research. “Most people can learn techniques,” Dr. Caldwell stated, “however they must also learn to think critically and independently in the biotech industry”.

The program’s coursework is designed to make graduates competitive for employment upon graduation, and at the same time provide students with the background and training to seamlessly transfer to UVU – or other accredited four-year institutions – to pursue a Bachelor’s of Science degree. Biotechnology students looking to continue their education beyond an associate’s degree even have the opportunity to take courses offered by UVU at the SLCC Biotechnology facilities.

STUDENT PROFILE: BIOTECHNOLOGY
Tyler Healy

“I love the Biotechnology program because of how you learn things and then get to apply them,” said Tyler Healy, SLCC Biotechnology student. Healy decided to go into the Biotechnology program when he attended an open house at the Jordan School District. The Biotechnology program looked interesting to him, so he took a course through concurrent enrollment during his senior year of high school. Tyler loved the class because it kept his interest by “actively learning things instead of just learning.” Within a week after his high school graduation, Tyler started a summer internship at the InnovaBio lab where he still continues to work. Tyler is working towards his Associate of Science (AS) degree in Health Science with an emphasis in Biotechnology. His future goals entail more education where he plans to get his Doctorate degree in Biotechnology.
1 - APPLY FOR ADMISSION
If you have never attended Salt Lake Community College (SLCC) or have not attended for more than 2 years, you need to complete an Application for Admission and submit it with a non-refundable $35 application fee before registering for classes. Apply online by visiting www.slcc.edu → Future Students. For more information please call (801) 957-4073.

2 - TAKE YOUR PLACEMENT ASSESSMENT
All matriculated students are required to take a placement assessment called the Accuplacer (or submit ACT or SAT scores). This assessment helps determine your skill level in the areas of reading, English, and mathematics. You must complete placement assessment before registering for any classes. The Accuplacer Assessment is currently administered daily on a walk-in basis at Taylorsville Redwood, South City, and Jordan Campuses. Call the Assessment Center at (801) 957-4269 for additional information.

Note: ACT or SAT scores less than two years old may also be used to meet the assessment requirement.

Transfer students with math or English credit from other colleges may be eligible for a waiver of all or part of the placement assessment requirements. If you are transferring to 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).

The Accuplacer placement assessment is also used for placement in Math and English coursework (ACT/SAT scores can also be used). Math scores are valid for one year and English scores are valid for two years for course placement.

3 - APPLY FOR FINANCIAL AID
Apply on-line at www.fafsa.ed.gov or contact the Financial Aid Office at (801) 957-4410. You can also pick up a paper application at any of the Financial Aid Offices at Taylorsville Redwood, South, Jordan, or Sandy campuses.

4 - ATTEND ORIENTATION
New students need to complete an orientation before registering for classes. Students completing an orientation will be given early registration. New students should register for a QuickConnect orientation by calling (801) 957-4073. QuickConnect is a 90-minute orientation offered at a variety of times and locations. Those who cannot attend an orientation on campus can complete the NetConnect orientation, an online option. To access the online NetConnect, visit www.slcc.edu/orientation. For any questions, visit the orientation website or call (801) 957-4299.

5 - MEET WITH AN ACADEMIC ADVISOR
Have your PLACEMENT ASSESSMENT, ACT or SAT scores and complete an orientation prior to meeting with an Academic Advisor to make the most of your advising session. Advisors can assist students to:

- Interpret placement scores, create an educational plan and set up a class schedule
- Learn about career and major options as well as transfer information
- Locate resources available at the College

Jordan Campus HTC 160A ...........(801) 957-2680
Sandy Center Building B ............ (801) 957-3717
Taylorsville Redwood SC 240 ......(801) 957-4978
South City Campus W 138 ............ (801) 957-3761

6 - REGISTER FOR CLASSES
On-line registration: Log-in to MyPage (if needed, select ‘Need Your User/Pass’ and follow instructions)

Select Student tab
Under Registration Tools, select Add/Drop Classes
Select a Term and submit
Type CRNs (Course Reference numbers)
Submit Changes
OR select Class Search to search for courses
Select box to the left of the desired class and Register

7 - GET YOUR ‘OneCard’
You must be currently enrolled in classes and show positive photo ID to obtain a card. OneCard is the official ID card for the college. It can be obtained at the following locations:

Jordan Campus, HTC (Courtesy Desk)
Taylorsville Redwood Campus, SC (Courtesy Desk)
Sandy Center (Btrc8D)
South City Campus (Room E148)

8 - PURCHASE A PARKING PERMIT
Parking Permits are REQUIRED at many of the SLCC campuses. Parking without a permit is not available at parking meters. To obtain a parking permit, bring in your current vehicle registration. For information visit: www.slcc.edu/parking or call (801) 957-4011.

9 - ARRANGE FOR PAYMENT
Paying your tuition and fees has never been easier. You have the option of paying online through MyPage with a check, savings account transfer or credit card. You may also pay by phone (801-957-4459), by mail or visit one of the five Cashier locations and pay in person. If you would like to divide your tuition into smaller payments, apply for the Student Tuition Installment Loan (STIL). For more information, visit the cashiering website at: http://www.slcc.edu/cashiering/
opportunity

noun ...a set of circumstances that makes it possible to do something

Salt Lake Community College is a place where thousands of lives are changed for the better every year. The College is a place where you can explore career options, further your education and pursue your dreams. The face of the College is changing and you are invited to be a lasting part of the SLCC legacy by enhancing the College and beautifying the campus surroundings.

As the college celebrates its 60th anniversary, the quad area of the Taylorsville Redwood Campus is being redesigned. After 24 years, the OC Tanner fountain is being replaced and relocated.

You can leave a lasting legacy on campus by purchasing a commemorative brick, paver, tree or bench to be placed around the new fountain.

Create a memento for yourself, honor a family member, thank a favorite professor or showcase your Bruin pride!

Personalized Brick: $60
Personalized Paver: $260
Tree with Personalized Marker: $660
Bench with Personalized Plate: $2,060

For more information, go to www.slcc.edu/legacyproject
What follows is an alphabetical listing of programs and areas of study offered by Salt Lake Community College. Call 801.957. SLCC for more information, or visit SLCC on the Web at www.slcc.edu.

**Accounting**

Accounting AAS  
Accounting Certificate of Completion  
Accounting Clerk Certificate of Completion (Skills Center)

Prepares students for entry level positions in financial, managerial, government, tax, and cost accounting. Students learn both manual and computerized systems. The Accounting Clerk Program enables students to develop entry-level skills in the office accounting and/or bookkeeping areas.

Due to the wide range of job opportunities and wages, students are advised to visit the Utah Department of Workforce Services at http://jobs.utah.gov/wi for current information.

**Adult Basic Education**  
(see College Preparation Skills)

**Air Conditioning**  
(see HVAC Heating, Ventilation, Air Conditioning)

**American Sign Language/Interpreting**

American Sign Language/Interpreting AA

Prepares students for an entry-level position in the rapidly expanding field of interpreting and for the Novice Level certification test offered by the state. Career opportunities are available in countless fields ranging from education to medical care. The AA degree satisfies lower-division General Education requirements for a bachelor's degree.  

**Average Earnings:** $14.69

**Animation**  
(see Visual Art & Design)

**Apprenticeships**  
(see alphabetical listing for individual programs)

Apprenticeships prepare individuals through on-the-job training and related instruction to qualify as a journeyman in a chosen craft or profession. Apprenticeship programs are composed of two parts: (1) on-the-job training provided by a sponsoring employer (2) SLCC classroom-related instruction designed to provide the apprentice with knowledge of theoretical and technical aspects of their craft. Individuals must locate their own employment sponsors for on-the-job training. Apprentices earn a certificate of achievement upon successful completion of all required core courses and may also earn an Associate of Applied Science (AAS) degree by completing additional general education courses. Sponsor registration with the Bureau of Apprenticeship and Training (BAT) is strongly encouraged. Contact: 957-4066.

**Architectural Technology**

Architecture AS

This degree prepares students for transfer. SLCC offers courses required for transferring and applying to the University of Utah Architecture program. The AS degree satisfies lower-division General Education requirements for a bachelor's degree.  

**Construction Management AS**

This degree prepares students for transfer. SLCC offers courses required for transferring and applying to the Weber State University Construction Management Technology program offered on campus through SLCC’s University Center. The AS degree satisfies lower-division General Education requirements for a bachelor's degree.

**Architectural Technology AAS**  
Emphases: CAD and Computer Graphics AAS  
Construction Management AAS  
Structural/Civil Design AAS

Prepares students for a career in architectural drafting/detailing. Drawing skills are developed using classical drafting techniques and computer-aided design (CAD) systems. Students study construction details, mechanical systems, building code, specifications and building construction techniques. Emphases are available in CAD and Computer Graphics, Construction Management and Structural/Civil Design. Upon completion of the AAS degree and additional General Education to complete an AS degree, students can transfer to Utah Valley University Technology Management program.  

**Average Earnings:** $20.10

**CAD and Computer Graphics Certificate**  
**Construction Management Certificate**  
**Structural/Civil Design Certificate**

These certificates are designed specifically for individuals who have prior education experience in the these industries and want to improve or update their skills.

**Automotive and Related Technologies**

**Automotive and Related Technologies AAS**

Prepares student to enter into the job market as an automotive technician, skilled in all facets of automotive diagnosis and repair. Students may also participate in the Automotive Service Excellence (ASE) Certification Exams. Upon completion of the AAS degree and additional General Education to complete an AS degree, students can transfer to Utah Valley University Technology Management program.  

**Average Earnings:** $16.71

**Automotive Collision Repair/Refinishing AAS**  
**Automotive Collision Repair Certificate of Completion**  
**Automotive Refinishing Certificate of Completion**  
**Auto Collision Repair/Paint Technology (Apprenticeship)**

Prepares students for careers in auto collision repair and refinishing. Auto collision repair techs straighten bent structures, remove dents, weld light gauge metal and replace badly damaged parts. They are qualified to repair all types of vehicles, but most work is done on cars and small trucks. Upon completion of the AAS degree and additional General Education to complete an AS degree, students can transfer to Utah Valley University Technology Management program.  

**Average Earnings:** $16.58

**Outdoor Power Equipment (OPE) Technology Certificate**

Students are prepared as outdoor power equipment technicians to service and maintain motorcycles, all-terrain vehicles, marine engines, snowmobiles, lawn and turf maintenance equipment.  

**Average Earnings:** $11.15

**Art**  
(see Visual Art & Design)

**Aviation Flight Technology**

**Aviation Maintenance Technician AAS**  
**Aviation Maintenance Technician Certificate of Completion**

The Aviation Maintenance Technician (AMT) program prepares students for a career in maintenance and repair of aircraft. Students gain knowledge and skills necessary to pass the Federal Aviation Administration written, oral and practical exams for an Airframe and Powerplant (A&P) mechanics license. Upon completion of the AAS degree, students can transfer to Utah State University’s bachelor’s degree program in Aviation Technology Maintenance Management. Students can also transfer to the Utah Valley University to earn a bachelor's degree in Technology Management.  

**Average Earnings:** $26.70

**Professional Pilot AS**

This degree prepares students to transfer. The Professional Pilot Program combines flight training with the technical and professional courses necessary to prepare students for a career as a professional pilot. Upon completion of the AS degree, students can apply to Utah Valley University, Utah State University, Westminster College or Embry-Riddle Aeronautical University to complete a bachelor’s degree. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree.  

**Average Earnings:** $75.51

**Air Force ROTC**  
(see ROTC)

**Barbering/Cosmetology**

Barbering/Cosmetology AAS  
Barbering/Cosmetology Diploma  
Barbering/Cosmetology Certificate of Completion

Students will be prepared for a career in hairstyling/barbering. Students will study hair cutting, coloring, permanent waving, technology and cycles of hairstyles and designs. Makeup, manicuring and basic esthetics are also studied. Upon completion of the program, students will be prepared to take the State Licensing Examination.  

**Average Earnings:** $9.27

** Biology**

**Biology AS**

This degree prepares students for transfer. SLCC offers courses required for transferring and applying to biology programs at four-year institutions. The AS degree satisfies lower-division General Education requirements for a bachelor's degree.

**Biotechnology**

**Biotechnology Technician AAS**

Prepares students for technical positions in biotechnology research and manufacturing. The program emphasizes hands-on laboratory and internship experience. Skills include DNA cloning and analysis; expression and purification of proteins; cell culture techniques; enzyme and antibody assays; bioprocessing; bioinformatics; industrial standards and communication skills.  

**Average Earnings:** $13.66

**Brick Masonry**

Brick Mason Technology (Apprenticeship)  
Apprenticeship programs provide related instruction to complement current on-the-job training. Brick masons build walls, fireplaces, arches, columns and other structures using brick, concrete blocks, stone, marble and other materials.  

**Average Earnings:** $25.09
**Broadcast Video/Audio Production**

**Broadcast Video/Audio Production AAS**
Prepares students for professional positions in radio and television broadcasting, video production and audio production. Skills include writing, editing, vocal and visual performance, pre-production planning, studio and field production products and post-production editing and distribution. Students can specialize in particular aspects of the field.

Average Earnings: $17.19

**Building Construction, Maintenance & Management**

**Building Construction/Construction Management AS**
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to the Weber State University Construction Management Technology program offered on campus through SLCC’s University Center. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree.

**Building Construction/Construction Management AAS**
Apprenticeship programs provide related instruction to complement current on-the-job training. This apprenticeship prepares students for careers in building maintenance.

Average Earnings: $23.18

**Carpentry Technology (Apprenticeship)**
Apprenticeship programs provide related instruction to complement current on-the-job training. This apprenticeship prepares students as carpenters to work with wood products, concrete forms, platforms and structures in conjunction with trades such as iron workers, brick masons and others.

Average Earnings: $23.18

**Business (see also Marketing, Finance and Credit, International Studies, Economics)**

**Business AA and AS**
These degrees prepare students for transfer. SLCC offers courses required for transferring and applying to business bachelor’s degree programs including accounting, business administration, finance, management, marketing and others at University of Utah, Utah State University, Weber State University, Utah Valley University, Southern Utah University, Dixie State College, Westminster College and Brigham Young University. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree. The AA-degree satisfies lower-division general education requirements and requires two semesters of a foreign language.

Average Earnings: $32.61

**Business Management AAS**
Business Management Certificate of Completion
Students will gain core business skills required to successfully operate a business entity.

Average Earnings: $32.61

**Business Management/Production Operations and Supply Chain Management Emphasis AAS**
Student will gain skills in production/operations, supply chain design and management, logistics, quality and lean principles to produce and distribute goods/services in a global marketplace. Employment is available in production and supply chain environments in areas such as freight forwarding, customs brokerage, inventory/warehouse operations, and manufacturing.

Average Earnings: $32.61

**Chemistry**

**Chemistry AS**
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to chemistry programs at four-year institutions. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree.

**Civil/Environmental Engineering (see Engineering, Pre-)**

**College Preparation Skills**

**Adult Basic Education (Skills Center)**
Adult Basic Skills courses increase students’ reading, writing, math, and language and vocabulary skills which can be helpful in obtaining employment. Courses do not prepare students for a specific job and or career.

**Developmental Reading/Writing/Math**
Developmental Education helps to ensure that every student entering SLCC gains proficiency in basic skills, competency for academic and career success, confidence to pursue personal goals and problem-solving skills.

**English-as-a-Second-Language (Levels 1-4)**

**Business Management/Small Business Ownership Emphasis AAS**
Students will gain core business skills necessary to introduce a business idea into the marketplace and manage the growth of the business.

Average Earnings: $12.79

**Customer Service/Receptionist Certificate (Skills Center)**
Students receive basic training in keyboarding, data entry, ten-key, computer concepts, Windows, Internet and e-mail. The program also teaches telephone etiquette, professionalism, business communication skills and introduction to word processing. (See Skills Center)

Average Earnings: $12.79

**Small Business Development Center Training (Continuing Ed.)**
Continuing Education provides quality, short-term education and training for individuals, business and industry. For more information, please contact Continuing Education (801) 957-5200.

Due to the wide range of job opportunities and wages, students are advised to visit the Utah Department of Workforce Services at http://jobs.utah.gov/wi for current information.

**Cement Masonry**
Apprenticeship programs provide related instruction to complement current on-the-job training. This apprenticeship prepares students for careers in finish concrete.

Average Earnings: $23.38

**Chemical Engineering**

**Chemical Engineering (see Engineering, Pre-)**

**Communication**

**Communication AS**
Emphasis:
- Mass Communication
- Speech Communication

This degree prepares students for transfer. SLCC offers courses required for transferring and applying to communication programs at four-year institutions. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree.

**Computer Engineering (see Engineering, Pre-)**

**Computer Literacy Skills**

**Computer Literacy Basics (Skills Center)**
Provides a stand-alone, hands-on introduction to personal computer hardware and operating systems for the beginning computer professional, student or home PC user.

**Computer Workshops (Continuing Ed.)**
Continuing Education provides quality, short-term education and training for individuals, business and industry. For more information, please contact Continuing Education (801) 957-5200.

**Computer & Networking Technologies (see also Digital Media Tech, Telecomm.)**

**Computer Engineering APE (see Engineering, Pre-)**

**Computer Information Systems AS**
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to the University of Utah Computer Science program offered on-campus by SLCC’s University Center. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree.

**Computer Science AS**
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to the University of Utah and Weber State University Computer Science programs. The Weber State program is offered on-campus by SLCC’s University Center. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree.

**Computer Information Systems AAS**
Prepares students for such careers as program designer, programmer/analyst or systems analyst. Graduates perform program design, coding, testing, documentation and implementation of commercially-oriented information systems. AAS emphases are available in Programming and Design, e-Commerce and Integrated Systems Specialist. Upon completion of the AAS degree and additional General Education to complete an AS degree, students can transfer to Utah Valley University Technology Management program. A certificate of completion is available in Personal Computing.

Average Earnings: $28.05

**Computer Support Specialist (A+ Certification) Certificate of Completion (Skills Center)**
Provides students hands-on training in microcomputer configurations, installations, component upgrading, diagnostics, repair and preventive maintenance.

Average Earnings: $27.13

**Linux Support Specialist Certificate of Completion (Skills Center)**

**Linux Network Administrator Certificate of Completion (Skills Center)**

Students will learn to build and maintain computers running Linux and Microsoft Windows. Students will gain a solid technical support foundation by installing, configuring and troubleshooting both operating systems on multiple computers. The Administrator Certificate is designed for students with some previous computer technical knowledge who wish to enhance their skills.

Earnings dependent upon experience
Network Administrator (MCSEA) Certificate of Completion (Skills Center)
Network Engineer (MCSEA) Certificate of Completion (Skills Center)

The MCSEA certificate prepares students to take the following industry tests: CompTIA Network+, Microsoft Certified Professional (MCP), and Microsoft Certified Systems Administrator (MCSEA). The MCSEA certificate prepares students for the following industry certification tests: Microsoft Certified Systems Engineer (MCSEA), Microsoft Certified Systems Administrator (MCSEA), and Microsoft Certified Professional (MCP).

Average Earnings: Dependent upon experience

Technical Support Skills Certificate (Projects w/ Industry, Skills Center)
Projects with Industry programs are designed for qualified students with disabilities. This program takes a combined computer-based and hands-on training approach to developing basic high-tech skills required in today's business environment. Students take courses that match their career objectives.

Average Earnings: $27.13

CISCO Networking Technology Certificate
Microsoft Server Administration Certificate
Microsoft Server Engineering Certificate (Continuing Ed.)
Continuing Education provides quality, short-term education and training for individuals, business and industry. For more information, please contact Continuing Education (801) 957-5200.

Criminal Justice (see Public Safety)

Culinary Arts
Culinary Arts CHEF (full-time/apprenticeship)
Culinary Arts CHFA (part-time/apprenticeship)

These programs prepare students for careers in the culinary arts and fulfill the requirements for the National Restaurant Association (NRA) and American Culinary Federation (ACP) certifications. Both programs are accredited by the American Culinary Federation.

Average Earnings: $16.68

Dance (Courses Only)

Courses are offered in ballet, modern dance, jazz, tap and dance improvisation.

Dental Specialties

Dental Hygiene AAS
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.

Average Earnings: $30.91

Pre-Dental (see Health Sciences)

Dental Front Office Certificate (Skills Center)
This open-entry/open-exit program prepares students to work at the front desk of a dental office. Students learn patient billing and scheduling on Dentsrix dental office software. Students also learn dental terminology and coding, introductory computer skills, customer service and other general office skills.

Average Earnings: $12.60

Developmental Education (see College Preparation Skills)

Diesel Systems Technology

Diesel Systems Technology AAS
Diesel Systems Technology (DSTA Apprenticeship)

Prepares students to repair and maintain diesel equipment including trucks, buses and off-road construction equipment such as bullhozers, excavation equipment and cranes. The DSTA apprenticeship program provides related instruction to complement current on-the-job training. Upon completion of the AAS degree and additional General Education to complete an AS degree, students can apply and transfer to the Utah Valley University Technology Management program.

Average Earnings: $23.04

Diesel Systems Technology Certificate of Completion (Skills Center)

Students learn entry-level diesel skills, including trucks, buses and off-road construction equipment such as bullhozers, excavation equipment and cranes. Students also learn basic welding and the truck driving skills needed for a CDL license.

Average Earnings: $18.92

Digital Media Technology

Certificates in:
- Digital Media Technology
- Digital Multimedia
- e-Commerce Design
- e-Learning Technology
- Web Site Management
- Dreamweaver Development
- Flash Design
- Flash Development (Continuing Ed.)

Continuing Education provides quality, short-term education and training for individuals, business and industry. For more information, please contact Continuing Education (801) 957-5200.

Average Earnings: $14.56

Economics

Economics AS
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to the University of Utah Economics program. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree.

Education and Teaching

Paraeducator AS
This degree prepares students to work as paraeducators in public school districts under the direction of certified classroom educators. This degree has transfer options with Utah State University education programs.

Average Earnings: $12.62

Pre-Teacher Education AS
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to higher education institutions. However, individual advising is necessary for institution-specific transfer course requirements. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree.

Electrical Engineering (see Engineering, Pre-)

Electrical Technology (also see Instrumentation Engineering Technology)

Electrical Engineering APE (See Engineering, Pre-)
Electrical Technology AAS
Electrical Technology Certificate of Completion

This degree prepares students for employment as installation and maintenance technicians and may lead to opportunities as apprentice construction electricians. An electrical technology AAS degree can replace two years of journeyman experience when applying for a master’s license. The Electrical Technology Certificate of Completion prepares students to work as maintenance or shop electricians.

Average Earnings: $26.70

Electrical Technology (Apprenticeship)

Apprenticeship programs provide related instruction to complement current on-the-job training. This apprenticeship program prepares students to be a journeyman electrician. Electricians are compulsory licensed craftsmen in new construction who plan, lay out and install, alter or repair electrical wiring, fixtures, apparatus and controls.

Average Earnings: $26.70

Electronic Publishing (see Visual Art & Design)

Electronics Technology

Electronics Technology AS
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to the Weber State University Electronics Engineering Technology program. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree.

Electronics Technology AAS
Electronics Technology Certificate of Completion

This degree prepares students to operate, install, troubleshoot, repair, maintain and service electronic equipment and systems. Students who are currently employed in this area should consider the apprenticeship program consisting of on-the-job training and related classroom instruction.

Average Earnings: $23.26

Electronics Technology AS

Electronics and Computer Technology (Apprenticeship)

This degree prepares students to operate, install, troubleshoot, repair, maintain and service electronic equipment and systems. Students who are currently employed in this area should consider the apprenticeship program consisting of on-the-job training and related classroom instruction.

Average Earnings: $23.26

Electronics Technology AS

Electronics Technology Technician Certificate
Consumer Electronics
Electronic Assembly
Electronics Assembly Technician Certificate (Skills Center)

These certificates qualify students for a career in the electronics field.

Average Earnings: $12.59

Engineering, Pre-

Chemical Engineering APE
Civil/Environmental Engineering APE
Computer Engineering APE
Electrical Engineering APE
Manufacturing Engineering APE
Materials Science Engineering APE
Mechanical Engineering APE

These degrees prepare students for transfer. SLCC offers math, science and engineering foundation courses required for transferring and applying to engineering programs. The associate of pre-engineering (APE) degree is offered in each of the seven engineering disciplines. The APE is a transfer degree similar to the associate of science (AS) degree, but does not include all general education requirements; remaining general education must be completed at the four-year institution.
**Engineering Design/Drafting Technologies (EDDT)**

**Engineering Design/Drafting Technology AS**
This degree prepares students for transfer. This degree requires completion of an AAS in EDDT. Upon completion of the AS degree and additional General Education to complete an AS degree, students can transfer to the Utah Valley University CAD/CAM Engineering Technology program.

**CAD/CAM Engineering Technology AS**
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to the Southern Utah University CAD/CAM Engineering Technology program. The AS degree satisfies lower-division General Education requirements for a bachelor's degree. It also provides students with the basic mechanical drafting, CAD and CNC machining skills required for entry-level placement in industry.

**Average Earnings:** $36.56

**Engineering Design/Drafting Technology AAS**
This degree provides emphasis in areas such as: electo-mechanical, machine design, structural steel detailing, piping, civil manufacturing and CAD areas such as customization, solid modeling and discipline-specific software. A certificate of completion is available in Engineering Drafting Technology.

**Average Earnings:** $21.26

**English**

**English AA and AS**
These degrees prepare students for transfer. SLCC offers courses required for transferring and applying to English programs at four-year institutions. The AS and AA degrees satisfy lower-division General Education requirements for a bachelor's degree. The AA degree requires two semesters of one foreign language.

**Environmental-as-a-Second-Language (ESL)** (see College Preparation Skills)

**Environmental Studies**

**Environmental Geology (see Geosciences)**

**Environmental Technology AS**
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to programs at Utah Valley University and California State - Bakersfield. The AS degree satisfies lower-division General Education requirements for a bachelor's degree. The certificate prepares students for entry-level employment positions.

**Average Earnings:** $13.57

**Family and Human Studies**

**Family and Human Studies AS**
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to programs at four-year institutions. The AS degree satisfies lower-division General Education requirements for a bachelor's degree.

**Family and Human Studies AAS**

**Family and Human Studies Certificate of Completion**
Prepares students to become a teacher or director of a childcare facility. Special attention is given to business skills needed to become an effective child care center administrator.

**Average Earnings:** $11.15

**Child Development Associate Credential**
Fulfills the formal education requirement for the nationally-recognized CDA credential, the minimum qualification for a child care center director in Utah.

**Average Earnings:** $6.35

**Fashion**

**Fashion Institute Certificate (Continuing Ed.)**
The Fashion Institute certificate prepares students for entry-level retail or wholesale sales, management, retail buying or entrepreneurship in the clothing industry.

**Average Earnings:** $18.35

**Flight Technology** (see Aviation)

**Film**

**Film Production Technician AAS**
Students can train for film industry positions like camera operator, audio operator, floor director, video editor, art director, sound recorder and more.

**Average Earnings:** $17.19

**Finance and Credit**

**Finance and Credit AAS**

**Finance and Credit Certificate of Completion**
Prepares students for jobs in commercial and retail credit analysis, credit granting and collections, cash management, insurance, real estate, brokerage and other investment activities.

Due to the wide range of job opportunities and wages, students are advised to visit the Utah Department of Workforce Services at http://jobs.utah.gov/wi for current information.

**Fitness**

**Fitness Technician AAS**

**Emphases:**
- Personal Trainer
- Group Exercise Instructor

Prepares students to instruct group exercise or personal fitness training, emphasizing sound scientific advice and supervision. Successful completion of the program prepares graduates to sit for certifications from various fitness associations.

**Average Earnings:** $17.08

**Foreign Languages** (Courses Only)
SLCC offers classes in Arabic, ASL, (see American Sign Language/interpreting), Chinese, French, German, Italian, Japanese, Nahuat, Portuguese, Russian, Samoan, Spanish, and Tongan. Note: Two semesters of one language are required as part of Associate of Arts (AA) degrees. While the language credit will transfer, the transfer institutions may not offer continuing study toward a Bachelor of Arts degree in all languages offered by SLCC.

**General Studies**

**General Studies AS**
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to programs at four-year institutions. The AS degree satisfies lower-division General Education requirements for a bachelor's degree.

**Geographic Information Science Technology**

**Geographic Information Science Technology AAS**
In addition to local, state, and federal government agencies, skills acquired in the GIS program can lead to jobs in the private and non-profit sectors including scientific and technical fields such as agriculture and soils, archeology, biology, cartography, ecology, environmental sciences, forestry and range, geodesy, geography, geology, hydrology and water resources, land appraisal and real estate, medicine, transportation, urban planning and development, and more.

**Average Earnings:** $16.33

**Geosciences**

**Environmental Geology AS**
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to programs at the University of Utah, Utah State University, Southern Utah University and Weber State University. The AS degree satisfies lower-division General Education requirements for a bachelor's degree.

**Geography AS**
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to programs at four-year institutions. The AS degree satisfies lower-division General Education requirements for a bachelor's degree.

**Health Sciences** (see also Dental Specialties, Nursing)

**Health Science AS**

**Degree options:**
- Biotechnology Technician
- Dental Hygiene
- Medical Laboratory Technician
- Occupational Therapy Assistant
- Physical Therapist Assistant
- Radiologic Technologist
- Registered Nurse

The Health Science AS requires students to have first completed an AAS degree program in: Biotechnology Technician, Dental Hygiene, Medical Laboratory Technician, Occupational Therapy Assistant, Physical Therapist Assistant, Radiologic Technology or Registered Nurse. The AS is designed for transferring and applying to bachelor's programs at four-year institutions. Additional prerequisite courses may be required. The AS degree satisfies lower-division General Education requirements for a bachelor's degree.

**Note:** Biotechnology Technician, Dental Hygiene, Occupational Therapy Assistant and Physical Therapist Assistant AAS programs are designed for professional status, certification or licensure and are not intended as a pathway to professional, bachelor/graduate programs at four-year institutions.

**Earnings Dependent Upon Area of Specialization**

**Medical Laboratory Technician AAS**
Medical lab technicians will be prepared to perform general tests in all lab areas to determine the absence, presence, extent and causes of diseases. Accredited by the National Accrediting Agency for Clinical Laboratory Science.

**Average Earnings:** $13.46

**Physical Therapist Assistant AAS**
Under the supervision of a physical therapist, assistants are prepared to provide client care by applying a variety of therapy treatments in a variety of health care settings. Graduates are able to sit for the national exam for physical therapist assistants. Accredited by the Commission on Accreditation in Physical Therapy Education.

**Average Earnings:** $17.41

**Occupational Therapy Assistant AAS**
Occupational Therapy Assistants will be prepared to provide services to children and adults with physical illness, developmental problems, the aging process and/or psychosocial dysfunction. OTAs use occupation and purposeful activity with clients/patients to help them reach their maximum level of independence. Accredited by the Accreditation Council for Therapy Education. Graduates are prepared to sit for the national exam for OTAs.

**Average Earnings:** $18.95
Radiologic Technology AAS
Students will be prepared to perform radiographic procedures, apply principles of radiation protection, evaluate radiographs for technical quality and provide patient care. Graduates will sit for the American Registry of Radiologic Technology examination in radiography. Accredited by the Joint Review Committee on Education in Radiologic Technology.
Average Earnings: $22.90

Pharmacy Technician Certificate (Continuing Ed.)
The pharmacy technician certificate is designed to prepare students to assist the pharmacist in providing pharmaceutical services and care to patients in hospitals, long-term care facilities and the community.
Average Earnings: $13.70

Medical Assistant Certificate of Completion
Medical assistants are trained primarily to work in doctors’ offices, clinics or health maintenance facilities.
Average Earnings: $11.58

Surgical Technology Certificate of Completion
Prepares students to work in the operating room. Under the supervision of a Registered Nurse, a surgical tech hands instruments to surgeons and is responsible for the care of these instruments.
Average Earnings: $14.97

Medical Administrative Assistant Certificate of Completion
Prepares students to assist with the care and treatment of patients in administrative procedures.
Average Earnings: $14.89

Pre-Professional (Courses Only)

Pre-Chiropractic

Pre-Dental

Pre-Medicine

Pre-Occupational Therapy

Pre-Pharmacy

Pre-Physical Therapy

Pre-Physician Assistant

Pre-Veterinarian
SLCC offers prerequisite courses required in these areas. Students typically need a bachelor’s degree to apply for further education in these professional areas. SLCC’s AS degrees in sciences or general studies allow students to complete prerequisites as well as general education courses for transferring to a bachelor’s degree program at a four-year institution. See advisors for specific details.
Average Earnings: Dependent upon professional degree

Heating, Ventilation, Air Conditioning (HVAC)

Heating, Ventilation, Air Conditioning (HVAC) and Refrigeration Technology (Apprenticeship)
Apprenticeship programs provide related instruction to complement current on-the-job training. Apprentices in the HVAC program learn the techniques required to install new equipment and skills to repair, maintain and troubleshoot existing equipment including residential and commercial HVAC systems.
Average Earnings: $20.14

Refrigeration Technology (Apprenticeship)
Apprenticeship programs provide related instruction to complement current on-the-job training. Apprentices are prepared as refrigeration fitters for contract and custom installation, maintenance and service of refrigerated and/or air conditioning systems. Work may include new construction and remodeling and repair of existing building units.
Average Earnings: $20.14

Air Conditioning, Heating, Refrigeration Certificate of Completion (Skills Center)
Prepares students as entry-level technicians in electrical, gas-fired appliances, refrigeration and air conditioning. The program also includes training in brazing and heat load calculations, and prepares students to take the required EPA certification test.
Average Earnings: $20.14

Heavy Duty Mechanics and Repair (see Diesel Systems Technology)

History
History AA
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to history programs at four-year institutions. The AA degree satisfies lower-division General Education requirements for a bachelor’s degree and requires two semesters of a foreign language.

Hospitality
Hospitality Management (Apprenticeship)
Offered upon demand.

Humanities
Humanities AA
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to humanities programs at four-year institutions. The AA degree satisfies lower-division General Education requirements for a bachelor’s degree and requires two semesters of a foreign language.

Illustration (see Visual Art & Design)

Instrumentation Engineering Technology

Instrumentation Engineering Technology AAS
Instrumentation Engineering Technology (Apprenticeship)
The Associate of Applied Science degree prepares students for employment in installing, maintaining, repairing, calibrating and troubleshooting instrumentation and control systems in such industries as petroleum refining, food processing, chemical manufacturing, power generation and many others.
Average Earnings: $17.53

Interior Design

Interior Design Certificate (Continuing Ed.)
The Interior Design certificate trains students for a variety of design positions. After successful completion of the required and elective classes, students are awarded an interior design certificate.
Average Earnings: $17.61

International Studies
International Studies AA
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to the University of Utah International Studies program. The AA degree satisfies lower-division General Education requirements for a bachelor’s degree and requires two semesters of a foreign language.

Ironworking
Ironworkers Technology (Apprenticeship)
Apprenticeship programs provide related instruction to complement current on-the-job training. Ironworkers erect structural steel, place reinforcing steel and provide rigging for moving machinery. They also work with ornamental iron.
Average Earnings: $12.25

Law

Pre-Law (Courses Only)
Students typically need a bachelor’s degree to apply to law school. SLCC offers AS degrees in many areas of study to prepare students interested in applying and transferring to a four-year institution for a bachelor’s degree. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree.

Paralegal Studies AAS
Under the direction of an attorney, a paralegal performs delegated legal work for an attorney or law firm including research, interviewing clients and court preparation. Employment opportunities exist outside of law in general business and government organizations.
Average Earnings: $21.49

Library Science

Library Technician Certificate (Continuing Ed.)
The training in this program assists in the development of a legal secretary whether the individual is currently employed in a law office or preparing for such a career. Emphasis is on the professional skills rather than the routine or clerical aspects of the work of legal secretary.
Average Earnings: $19.53

Materials Science Engineering (see Engineering, Pre-)

Millwright Technology

Millwrights Technology (Apprenticeship)
Apprenticeship programs provide related instruction to complement current on-the-job training. Millwrights fabricate, lay out, assemble and maintain many different types of machinery including monorails, conveyors, turbine generators, pumps, fans, blowers and reactors.
Average Earnings: $26.70

Machining Technology

Machinist Technology (Apprenticeship)
Apprenticeship programs provide related instruction to complement current on-the-job training. Students will set up and operate a variety of machine tools to produce and modify precision parts and instruments. They will use mathematical formulas, metal properties and blueprints for layout. They will gain experience using lathes, milling machines, shapers and grinders. Education will include both manual and Computer Numerical Control (CNC) equipment.
Average Earnings: $24.82

Machining Technology Certificate of Completion
The machining technology certificate provides students with the entry-level skills required for work as a machinist and includes: manual and CNC (Computer Numerical Control) machining; CAD (Computer Aided Design); CAM (Computer Assisted Manufacturing); Geometric Dimensioning and Tolerancing; and manufacturing processes.
Average Earnings: $19.68
Machinist Certificate (Skills Center)
Skill Center program provides short-term, entry-level training in this field.  
**Average Earnings:** $12.28

**Manufacturing Engineering**
Manufacturing Engineering Technology AS
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to the Weber State University Manufacturing Engineering Technology program. The AS degree satisfies lower-division General Education requirements for a bachelor's degree. It also provides students with the CAD/CAM, solid modeling design, and manual CNC machining skills required for entry-level placement in industry.

**Marketing**
Marketing Management AAS
Marketing Management Certificate of Completion
Prepares students for diverse career opportunities in retailing, direct sales, advertising, physical distribution and logistics.  
*Due to the wide range of job opportunities and wages, students are advised to visit the Utah Department of Workforce Services at http://jobs.utah.gov/wi for current information.*

**Mechanical Engineering Technology**
Mechanical Engineering Technology AS
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to the Weber State University Mechanical Engineering Technology program. The AS degree satisfies lower-division General Education requirements for a bachelor's degree. It also provides students with the CAD/CAM, solid modeling design and basic machining skills required for placement in industry.

**Medical Professions** (see Health Sciences)

**Medical Office Support** (see also Health Science, Public Safety, Nursing, and Dental)

**Basic Health Records Certificate of Completion (Skills Center)**
Students are prepared as basic health record clerks to work in a medical records facility in hospitals, clinics, doctor's offices and insurance companies. Students learn basic computer skills, medical filing, medical terminology, medical accounting/patient scheduling software and ICD-9 coding.

**Average Earnings:** $13.46

**Health Unit Clerk/Coordinator Certificate (Skills Center)**
Students are prepared to manage patient records at the nursing unit in hospitals and clinics. Students learn basic computer skills, keyboarding and customer service. They also learn to transcribe doctors' orders using medical terminology and basic anatomy/physiology. While using hospital computer simulation software, students learn to admit and transfer patients, order laboratory tests, maintain nursing unit supplies and operate the nursing unit communication systems.

**Average Earnings:** $10.38

**Medical Coding Procedures Certificate of Completion (Skills Center)**
This program prepares students to work in the outpatient medical coding and billing areas of hospitals, medical clinics and doctor's offices. Students learn basic computer skills and bookkeeping software, medical filing, medical terminology, medical accounting/patient scheduling software and prepare for professional certification exams.

**Average Earnings:** $12.22

**Military Science** (see ROTC)

**Music**
Music AS
Prepares students for transfer. SLCC offers courses required for transferring and applying to music programs at four-year institutions. The AS degree satisfies lower-division General Education requirements for a bachelor's degree.

**Non-Destructive Testing Technology**
Non Destructive Testing (NDT) Technician AAS
Students are prepared to perform examinations using radiography, magnetic particle, electrical fields, eddy currents, liquid penetrant and ultrasonics on component parts in a manner that will not impair their future usefulness. NDT methods are used in industries including aerospace, petrochemical, composite, automotive, nuclear, marine, electronics, aircraft, materials-jointing and utilities. Technician levels I, II, and III are taught.

**Average Earnings:** $41.56

**Nursing**
Nursing (RN) AAS
Prepares students to sit for the NCLEX exam to be licensed as a registered nurse (RN). RNs manage and provide care in various healthcare areas including acute care, long-term care and community settings.

**Average Earnings:** $27.01

**Certified Nurse Assistant (CNA) Certificate (Skills Center)**

**Certified Nurse Assistant (CNA), Spanish to English (Skills Center)**
Students will acquire entry-level skills to assist healthcare professionals in meeting the various medical needs of acute, chronic, or long-term patients within a hospital or long-term-care facility. Students are prepared to sit for certification exams. The Spanish to English CNA program prepares native Spanish speakers for the CNA and healthcare assistant licensure for the state of Utah.

**Average Earnings:** $10.23

**Office Information Specialties** (see also Accounting and Medical Specialties)

**Customer Service/Receptionist Certificate of Completion (Skills Center)**
Students learn basic computer skills, data entry and ten-key as well as telephone etiquette, professionalism and business communication skills. Students learn to use assertive skills and problem solving to provide quality customer service.

**Average Earnings:** $12.79

**Data Entry for Medical Billing Certificate of Completion (see Medical Office Support)**

**Office Clerk Certificate of Completion (Skills Center)**

**Office Specialist Certificate of Completion (Skills Center)**

**These programs enable students to develop entry-level skills in the computer/office occupations area. Students learn basic computer, customer service and clerical skills including business terminology, math and writing.**

The Office Clerk programs also includes further instruction in spreadsheets, word processing and presentation skills.

In addition to these skills, the Office Specialist program prepares students with additional computer skills in preparation for the Microsoft Office Specialist (MOS) certification.

**Average Earnings:** $14.20

**Operating Engineers Technology**

**Operating Engineers Technology (Apprenticeship)**
Apprenticeship programs provide related instruction to complement current on-the-job training. Students are trained to safely operate heavy equipment including scrapers, dozers, rollers, compactors and all types of cranes.

**Average Earnings:** $29.11

**Paralegal Studies** (see Law)

**Public Safety, Criminal Justice, Law Enforcement, EMT**

**Criminal Justice AAS**
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to the Weber State University Criminal Justice program offered on-campus by SLCC's University Center. The AS degree satisfies lower-division General Education requirements for a bachelor's degree.

**Criminal Justice AAS**
Students receive a basic liberal education as well as professional education in criminal justice. The AAS degree is aimed at students planning to go directly to work.

**Average Earnings:** $20.10

**Peace Officer Standards and Training (POST) (Continuing Ed.)**
Continuing Education provides quality, short-term education and training for individuals, business and industry. For more information, please contact Continuing Education (801) 957-5200 or the Institute of Public Safety (801) 957-4073.

**Emergency Medical Technician Training (EMT) Certificate (Continuing Ed.)**

**EMT Re-Certification Training**
Satisfies Utah's certification and recertification requirements to become an EMT. This training is applicable to those in law enforcement, fire fighting, private security and various health providers. Training includes treatment of trauma, shock, illness, bleeding, bandaging, splinting and taking vital signs. Anatomy and physiology training is also included.

**Average Earnings:** $12.49

**Bail Enforcement Agent Training Certificate (Continuing Ed.)**
Satisfies Utah’s certification requirements for becoming a bail enforcement agent in Utah.

**Average Earnings:** $20.17

**Philosophy** (Courses Only)

**Physics**

**Physics AS**
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to physics programs at four-year institutions. The AS degree satisfies lower-division General Education requirements for a bachelor's degree.

**Plumbing**

**Plumbing Technology (Apprenticeship)**
Apprenticeship programs provide related instruction to complement current on-the-job training. Students learn skills necessary to perform mechanical work in the installation, maintenance, repair, removal and replacement of water supply and water/liquid waste removal. Plumbers must be licensed in Utah.

**Average Earnings:** $22.43

**Plumber/Pipefitter Technology (Apprenticeship)**
Apprenticeship programs provide related instruction to complement current on-the-job training. Students will learn to construct, fabricate, remodel and repair all classes of piping systems. Plumbers/pipefitters must be licensed in Utah.

**Average Earnings:** $22.43

**Political Science**

**Political Science AS**
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to political science programs at four-year institutions. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree.
Psychology

Psychology AS
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to psychology programs at four-year institutions. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree.

Real Estate

Real Estate Appraisal Certificate (Continuing Ed.)
Continuing Education provides quality, short-term education and training for individuals, business and industry. For more information, please contact Continuing Education (801) 957-5200. 
Average Earnings: $11.91

ROT C ( Reserve Office Training Corps)

Air Force ROTC
Army ROTC (Courses Only)
ROT C training helps students develop many of the qualities basic to success in military or civilian careers. ROT C helps students pursue a college degree and an officer’s commission at the same time. To participate in the ROT C program, students must be enrolled in degree program.

Science

(see Biology, Biotechnology, Chemistry, Geosciences, Physics)

Social Work

Social Work AA and AS
These degrees prepare students for transfer. SLCC offers courses required for transferring and applying to social work programs at four-year institutions. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree. The AA degree requires two semesters of a foreign language. The program also includes supervised internships.

Sociology

Sociology AS
This program prepares students for transfer. SLCC offers courses required for transferring and applying to sociology programs at four-year institutions. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree.

Stagehands

Stagehands (Apprenticeship)
Apprenticeship programs provide related instruction to complement current on-the-job training. The stagehand program trains apprentices in the art of constructing, setting up and moving props and stage accessories. The program also covers sound systems, lighting systems and overall facilities for stage or movie productions.
Average Earnings: $19.17

Supported Employment

Supported Employment Certificate (Continuing Ed.)
Continuing Education provides quality, short-term education and training for individuals, business and industry. For more information, please contact Continuing Education (801) 957-5200.

Surveying Technology

Surveying AAS
Students receive hands-on education in survey calculations, survey drafting, public land surveying, control surveys, aerial photo identification, land development and boundary laws. The program serves three types of students: those with little or no experience in surveying; students preparing for professional licensing; and working professionals wanting a chance to upgrade their training.
Average Earnings: $21.99

Telecommunications

(see also Computer and Networking Technologies)

Telecommunications AAS
Telecommunications Technology (Apprenticeship)
This program gives students a solid foundation in theoretical and applied electronics and telecommunications systems design, implementation and support. Students receive broad training in hardware and software, including converging and emerging network technologies. A number of industry-recognized examinations are required for graduation. Apprenticeship programs provide related instruction to complement current on-the-job training. Apprentices are prepared to sit for the BCBSI Registered Telecommunications Distribution Designer (RCCD) examination.
Average Earnings: $22.68

Cyber Security Certificate (Continuing Ed.)
Continuing Education provides quality, short-term education and training for individuals, business and industry. For more information, please contact Continuing Education (801) 957-5200.

Transportation

Professional Truck Driving Certificate (Skills Center)
CDL Learner’s Permit Preparation Certificate (Skills Center)
Students receive extensive behind the wheel driving and observation, learn backing skills, shifting, minor truck maintenance, pre-trip inspections and other skills needed to safely drive a semi-truck/trailer combination. The Professional Truck Driving Department offers a variety of training options for students wishing to work in the transportation industry. Students choose between three different programs depending on their experience and company sponsorship. A CDL Learner’s Permit Preparation Certificate is also available.
Average Earnings: $19.04

Real Estate Appraisal Certificate (Continuing Ed.)
Continuing Education provides quality, short-term education and training for individuals, business and industry. For more information, please contact Continuing Education (801) 957-5200.
Average Earnings: $11.91

Supported Employment Certificate (Continuing Ed.)
Continuing Education provides quality, short-term education and training for individuals, business and industry. For more information, please contact Continuing Education (801) 957-5200.
Average Earnings: $11.91

Visual Art and Design

Visual Art and Design AS
Visual Art and Design/Animation AAS
This degree prepares students for transfer. SLCC offers courses required for transferring and applying to the Utah Valley State College Multimedia Communication Technology program. The AS degree satisfies lower-division General Education requirements for a bachelor’s degree.
Visual Art and Design/Animation AAS
Job opportunities range across a variety of industries and wages vary.

Visual Art and Design/Design AAS
Students learn creative concept, design, layout and execution of printed and digital materials such as ads, brochures, logos, signage and packaging.

Visual Art and Design/Illustration AAS
Students learn illustration skills for traditionally and digitally produced images appropriate for use in advertising and editorial design applications.

Visual Art and Design/Multimedia AAS
Students learn skills to create digital 2-D and 3-D art and animation and use authoring tools to build digital applications for use on the Web and in corporate, educational or entertainment pieces.

Visual Art and Design/Photography AAS
Students learn both digital and traditional photographic techniques and will prepare a portfolio designed to obtain an entry-level job within a photography or related career path.
Average Earnings: $13.00

Electronic Publishing Certificate of Completion
Students learn principles of graphic design, electronic layout and graphics production/ manipulation using industry-standard software. Students learn basic printing techniques and to edit text, graphics and photographs.
Average Earnings: $15.80

Average Earnings Source:
Utah Department of Workforce Services
Occupational Projections 2002 - 2012

A-Z Section Average Earnings Source:
Utah Department of Workforce Services
Occupational Projections 2002 - 2012

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Salt Lake Community College | www.slcc.edu/stepahead | (801) 957-SLCC (7522)
SLCC LOCATIONS

Airport Center
551 North 2200 West
Salt Lake City, Utah 84116
(801) 957-4448

Community Writing Center (CWC)
in Library Square
210 East 400 South
Salt Lake City, Utah 84111
(801) 957-4992

Distance Education
www.slcc.edu/distance
(801) 957-4406

Granite Technical Institute (GTI)
(high school students/concurrent enrollment)
2500 South State Street
Salt Lake City, Utah 84106
(801) 646-4350

Jordan Campus
3491 West Wights Fort Road
West Jordan, Utah 84088-8818
(801) 957-2600

Jordan Applied Technology Centers (JATC)
(high school students/concurrent enrollment)
9301 S. Wights Fort Road, West Jordan, Utah 84088
(801) 256-5900
825 E. 9085 South, Sandy, Utah 84094
(801) 256-5700

Library Square Center
231 East 400 South
Salt Lake City, Utah 84111
(801) 957-2000

Meadowbrook Campus
250 West 3900 South
Salt Lake City, Utah 84107
(801) 957-4346

Miller Campus
9750 South 300 West
Sandy, Utah 84070
(801) 957-5200

Sandy Center
830 East 9400 South
Sandy, Utah 84094
(801) 957-5717

South City Campus
(Home of The Grand Theatre)
1575 South State Street
Salt Lake City, Utah 84115
(801) 957-4111

Taylorsville Redwood Campus
4600 South Redwood Road
Salt Lake City, Utah 84123
P.O. Box 30808
Salt Lake City, Utah 84130-0808
(801) 957-4111

Utah State Prison Satellite
14000 South Frontage Road
Draper, Utah 84020

www.slcc.edu
CONTINUING EDUCATION

Whether you’re ready to start a new career path or just looking to enhance your skills, Continuing Education at Salt Lake Community College has something for you. We offer both certificate and non-credit courses, including online options, that fit your professional goals and your schedule.

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Salt Lake Community College
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Just a few of the ways that Salt Lake Community College is dedicated to serving our students and our community:

- Provide Quality Higher Education
- Provide Life Long Learning
- Serve People of Diverse Cultures, Abilities and Ages
- Serve the Needs of the Community
- Serve the Needs of Business and Industry