

**CSI COLLEGE OF  
SOUTHERN  
IDAHO**



**2015-2016 CATALOG**

[www.csi.edu](http://www.csi.edu)

## 2015-2016 Catalog Changes

Pg. #	Course	Change	Date Change Made
170	Math 023	Prerequisite changed from PreAlgebra 38-99 to 17-99	12/1/2015
118	MUSA 100-299 Music Lessons	Course Description Updated	12/7/2015

# CSI PHONE DIRECTORY AND EMAIL ADDRESSES

## Area code: 208

College of Southern Idaho . . . . .	733.9554
College of Southern Idaho toll free . . . . .	1.800.680.0274
Campus Operator & General Info . . . . .	732.6261
Academic Development Center . . . . .	732.6530
Admissions . . . . .	732.6221
Adult Basic Education/GED . . . . .	732.6534
Advising Center . . . . .	732.6250
Agriculture Department . . . . .	732.6401
ARAMARK Dining Services . . . . .	732.6635
Athletics . . . . .	732.6486
Biology Department . . . . .	732.6547
Boise State University – Twin Falls Program . . . . .	933-2305
Bookstore . . . . .	732.6550
Business & Economics Department . . . . .	732.6850
Business Office . . . . .	732.6212
Career Center . . . . .	732.6259
Career and Counseling Services . . . . .	732.6260
Center for New Directions . . . . .	732.6688
Child Care Center . . . . .	732.6645
Community Education Center . . . . .	732.6442
Copy Center (Staff & Faculty) . . . . .	732.6320
Dual Enrollment . . . . .	732.6280
Education Department . . . . .	732.6850
Emergency (on campus) . . . . .	9.911
English, Languages, & Philosophy Department . . . . .	732.6528
Expo Center . . . . .	732.6620
Financial Aid . . . . .	732.6273
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Health, Recreation and Fitness Department . . . . .	732.6475
Health Sciences & Human Services Department . . . . .	732.6700
Help Desk . . . . .	732.6311
Herrett Center for Arts & Science . . . . .	732.6655
Honors Program . . . . .	732.6812
Human Resources . . . . .	732.6271
Idaho Small Business Development Center . . . . .	732.6450
Idaho State University – Twin Falls Program . . . . .	736.2101
Information Technology Department . . . . .	732.6301

Office of the Registrar [records@csi.edu](mailto:records@csi.edu)  
 Admissions [admissions@csi.edu](mailto:admissions@csi.edu)  
 Advising [advising@csi.edu](mailto:advising@csi.edu)  
 Career Center [careers.csi.edu](http://careers.csi.edu) (website)

Instructional Administration . . . . .	732.6281
International Student Services . . . . .	732.6383
Learning Assistance Center . . . . .	732.6685
Library . . . . .	732.6500
Library and Information Science Department . . . . .	732.6504
Maintenance . . . . .	732.6600
Math, Engineering, and Computer Science Department . . . . .	732.6821
Off-Campus Centers	
Blaine County Center . . . . .	788.2033
Jerome Workforce Development Center . . . . .	324.5101
Eastern Idaho Center . . . . .	357.4527
Mini-Cassia Center . . . . .	678.1400
North Side Center . . . . .	934.8678
Office of the Registrar . . . . .	732.6795
Office on Aging . . . . .	736.2122
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President's Office . . . . .	732.6201
Public Information Office . . . . .	732.6262
Recreation Center . . . . .	732.6470
Refugee Center . . . . .	736.2166
Region IV Development . . . . .	732.5727
Security . . . . .	732.6605
Social Science Department . . . . .	732.6850
Southern Idaho Economic Development Office (SIDE) . . . . .	324.7408
Student Activities . . . . .	732.6224
Student Disability Services . . . . .	732.6260
Technical Competency Credit . . . . .	732.6276
Testing Center . . . . .	732.6532
Trade & Industry Department . . . . .	732.6301
Trans IV (bus service) . . . . .	736.2133
University of Idaho – Twin Falls Program . . . . .	736.3600
Veteran's Services . . . . .	732.6795
Workforce Development . . . . .	732.6378

Financial Aid [csifinancialaid@csi.edu](mailto:csifinancialaid@csi.edu)  
 Student Disability Services [AccessAbility@csi.edu](mailto:AccessAbility@csi.edu)  
 Security [security@csi.edu](mailto:security@csi.edu)  
 Webmaster [csiwebmaster@csi.edu](mailto:csiwebmaster@csi.edu)



# COLLEGE OF SOUTHERN IDAHO

## 2015-2016 CATALOG

[www.csi.edu](http://www.csi.edu)

### **Twin Falls Campus**

315 Falls Avenue  
PO Box 1238  
Twin Falls, ID 83303-1238  
(208) 733-9554

### **North Side Center**

202 14th Avenue East  
Gooding, ID 83330  
(208) 934-8678

### **Mini-Cassia Center**

1600 Parke Avenue  
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(208) 678-1400

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(208) 357-4527

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(208) 324-5101

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The purpose of the College of Southern Idaho catalog is to provide information of Southern Idaho for prospective and current students, faculty and staff, and interested educational institutions or agencies. CSI has made reasonable effort to ensure the accuracy of the information at the time of publication. The College reserves the right to, at any time and without advance notice, withdraw or cancel courses and majors, change fee schedules, change the academic calendar, change admission and registration requirements, change the regulations and requirements governing instruction in and graduation from the College, and change any other regulations that affect students. Changes shall go into force whenever the proper authorities so determine and shall apply to both prospective students and students matriculated at the time of the change.

The College shall try to advertise advance notice of changes when economic and other conditions permit. The courses contained in this catalog do not preclude or limit the College in its offerings for any semester or session. The official college catalog is available online at <http://www.csi.edu/catalog>. Additional copies of the catalog may be purchased at the CSI Bookstore.

It is the policy of the College of Southern Idaho to provide equal educational and employment opportunities, services, and benefits to students and employees without regard to age, race, color, national origin, sex, religion, and/or disability, in accordance with the Title VI and Title VII of the Civil Rights Act of 1964, as amended, Title IX of the Educational Amendment of 1972, Age Discrimination in Employment Act of 1967, Age Discrimination Act of 1975, Section 504 of the Rehabilitation Act of 1973, Americans with Disabilities Act (ADA) of 1990, and all other applicable state and federal non-discrimination statutes. Appropriate consideration shall be given to veterans in accordance with applicable state and federal laws and regulations. CSI prohibits all forms of retaliation for filing complaints of illegal discrimination or harassment.

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**Eric Nielson**

**Human Resources Director**

**(208) 732-6267**

**College of Southern Idaho**

**315 Falls Avenue**

**P.O. Box 1238**

**Twin Falls, ID 83303-1238**



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# WELCOME TO THE COLLEGE OF SOUTHERN IDAHO

## From the President



This academic year marks the College of Southern Idaho's 50th year. You are joining a proud group of alumni who have attended CSI, and I welcome you! I am excited you are joining us here at CSI, an amazing college renowned for its outstanding faculty, a welcoming and beautiful campus, excellent professional-technical programs, and fully articulated transfer degrees with all public post-secondary institutions in Idaho and beyond.

This catalog is your road map to CSI, containing names and contact information for CSI faculty and staff who will work with you throughout your studies. It also contains detailed information for college admission, advice on how to plan your educational objectives, and how to enroll in courses and programs. There is information about opportunities for federal financial aid and various scholarships. Here, you will also find information about campus life and events, and guides to the many services offered to students of the College of Southern Idaho.

I encourage you to use the catalog and the many resources it provides. You can also access the online version of this catalog at [www.csi.edu](http://www.csi.edu).

Feel free to ask for assistance or additional information from anyone on campus. We are proud and honored to help and to be a part of your educational journey and transformation.

Best Wishes,

A handwritten signature in black ink, reading "Jeff Fox". The signature is stylized and cursive.

Dr. Jeff Fox

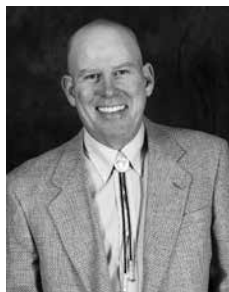
*President of College of Southern Idaho*

“  
*Education is the opportunity  
for transformation.*  
”

## CSI BOARD OF TRUSTEES



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## 2015 – 2016 ACADEMIC CALENDAR

### 2015 FALL TERM

4/20	Registration Begins
8/23	Online Registration Ends
8/24	Fall Semester Begins
8/28	Late Registration Ends Last day to Drop Tuition and Fees Due Last Day for 100% Refund
9/7	Labor Day (Campus Closed)
10/12	Columbus Day (Campus Closed)
11/11	Veterans Day (Campus Closed)
11/13	Last Day to Withdraw
11/25–27	Thanksgiving Vacation (Campus Closed Th & F)
12/14–17	Final Exams

### 2016 SPRING TERM

11/16	Registration Begins
1/18	Online Registration Ends Martin Luther King Day (Campus Closed)
1/19	Spring Semester Begins
1/22	Late Registration Ends Last day to Drop Tuition and Fees Due Last Day for 100% Refund
2/15	Presidents' Day (Campus Closed)
3/21–25	Spring Vacation
4/15	Last Day to Withdraw
4/18	Summer and Fall Registration Begins
5/9–12	Final Exams
5/13	Commencement Ceremony

### 2016 SUMMER TERM

To Be Determined. See [www.csi.edu/currentStudents/eagleInfo/AcademicCalendar.html](http://www.csi.edu/currentStudents/eagleInfo/AcademicCalendar.html)

5/30 – Memorial Day (Campus Closed)

7/4 – Independence Day (Campus Closed)

## ADMINISTRATION AND SUPPORT SERVICES DIRECTORY

Dr. Jeff Fox	President	(208) 732-6220
Dr. Todd Schwarz	Executive Vice President - Chief Academic Officer	(208) 732-6281
J. Mike Mason	Vice President of Administration	(208) 732-6203
Dr. Michelle Schutt	Associate Vice President of Student Services ( <i>beginning June 2015</i> )	
Dr. Ken Campbell	Associate Vice President of Institutional Effectiveness	(208) 732-6243
Debra J. Wilson	Foundation Executive Director	(208) 732-6245
Dr. Cindy Bond	Instructional Dean	(208) 732-6454
Dr. John Miller	Instructional Dean	(208) 732-6280
Dr. Mark Sugden	Instructional Dean	(208) 732-6849
Terry Patterson	Instructional Dean	(208) 732-6402
(Vacant)	Associate Dean of Student Affairs	
(Vacant)	Associate Dean for Student Success	
Jeffrey M. Harmon	Dean of Finance	(208) 732-6210
Eric Nielson	Director of Human Resources	(208) 732-6267
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Karen Baumert	Sports Information Director	(208) 732-6493
Randy Dill	Director of Physical Plant	(208) 732-6600
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Dr. Michele McFarlane	Interim Registrar	(208) 732-6304
Jennifer Zimmers	Director of Student Financial Aid	(208) 732-6277
Cesar Perez-Garcia	Director of Advising Center	(208) 732-6250
Dr. Teri Fattig	Director of Library & Herrett Center for Arts and Science	(208) 732-6501
Jay Sneddon	Data Services Director	(208) 732-6247
Hallie Star	Blaine County Center Director	(208) 732-6930
Amy Christopherson	Mini-Cassia Center Director	(208) 732-6460
Elaine Bryant	North Side Center Director	(208) 732-6461
Josh Sakelaris	Eastern Idaho Center Director	(208) 357-4527
Mary Jo Church	Scholarship Coordinator	(208) 732-6227
Kate Woods	Coordinator, Career & Counseling Services	(208) 732-6303
Marita DeBoard	Coordinator of Student Disability Services	(208) 732-6268
John Twiss	Recreation Center Director	(208) 732-6470
Chris Bragg	Accreditation Liaison Officer/Strategic Planning	(208) 732-6775

## DEPARTMENTAL CHAIRPERSONS AND PROGRAM DIRECTORS

Jim Wilson	Agriculture	(208) 732-6403
Jayson Lloyd	Biology	(208) 732-6547
Crystal Ayers	Business	(208) 732-6436
John Hughes	Education	(208) 732-6549
Whitney Smith	English, Languages & Philosophy	(208) 732-6844
(Vacant)	Visual, Performing and Liberal Arts	
Dr. RoseAnna Holliday	Health Sciences & Human Services	(208) 732-6737
Bryan Matsuoka	Idaho Small Business Development Center	(208) 732-6451
Lori Garnand	Information Technology Education	(208) 732-6317
Dr. Teri Fattig	Library and Information Science	(208) 732-6501
Paul Morgan	Mathematics, Engineering & Computer Science	(208) 732-6821
Jim Dawson	Health, Recreation and Fitness	(208) 732-6537
Mark Daily	Physical Science	(208) 732-6424
Valerie Warner	Registered Nursing	(208) 732-6724
Brian Dobbs	Social Science	(208) 732-6266
David Wyett	Trade & Industry	(208) 732-6323
Dr. Marian Steel	Adult Basic Education Director	(208) 732-6546
Stacy Madsen	Community Education Director	(208) 732-6290
Brian Dobbs	Honors Program Director	(208) 732-6266
Brandi Turnipseed	Workforce Development Director	(208) 732-6379

# ABOUT CSI

## GENERAL INFORMATION

### ABOUT THE COLLEGE

College of Southern Idaho is a comprehensive community college located in Twin Falls, Idaho. Funding for the College comes from tuition and fees, the State of Idaho, and the community college taxing district, which is made up of Twin Falls and Jerome Counties. The College is governed by a five-member Board of Trustees elected from Jerome and Twin Falls counties.

The College of Southern Idaho was established in 1964 and began offering courses in September 1965. More than 650 students enrolled for the first semester. Since opening its doors in 1965, CSI has grown into a comprehensive two-year community college, and it serves students taking credit courses, noncredit professional courses and enrichment classes. In addition, community members come to the campus each year for special events and workshops. CSI has off campus centers in Burley, Gooding, Hailey, Idaho Falls, and Jerome. The college also offers a wide range of online and telecommunication courses. More than 1,500 students at over 40 Idaho high schools take CSI dual credit courses during their junior and senior years. CSI now offers more than 120 program options ranging from short term training courses and certificates to two-year academic and technical degrees. Growing partnerships with University of Idaho, Idaho State University, Boise State University, and Northwest Nazarene University also give local residents more than two dozen bachelor's and master's degree options without having to leave Twin Falls.

The College of Southern Idaho (CSI) is partnering with the College of Western Idaho (CWI) in order to assist CWI in meeting standards for accreditation and to help CWI offer college credit instruction, certificates, and degrees while seeking accredited status. For the duration of this partnership credits, certificates and degrees earned at CWI appear on CWI transcripts and are transferable to four year institutions, subject to the specific policies of those institutions. CSI provides oversight for the production of CWI transcripts.

The beautifully landscaped campus contains over 20 buildings located on more than 315 acres. The College of Southern Idaho has room to grow. The first building on the north campus, across North College Road from the main campus, is the new 70,000 square-foot LEED certified Health Sciences and Human Services (HSHS) building. The College's service area encompasses eight counties (Blaine, Camas, Cassia, Gooding, Jerome, Lincoln, Minidoka, and Twin Falls) and is approximately 12,000 square miles in size and has a population of approximately 175,000 people.

### MISSION STATEMENT

The College of Southern Idaho, a comprehensive community college, provides quality educational, social, cultural, economic, and workforce development opportunities that meet the diverse needs of the communities it serves. CSI prepares students to lead enriched, productive, and responsible lives in a global society.

### ACCREDITATION

The College of Southern Idaho is accredited by the Northwest Commission on Colleges and Universities.

Accreditation of an institution of higher education by the Northwest Commission on Colleges and Universities indicates that it meets or exceeds criteria for the assessment of institutional quality evaluated through a peer review process. An accredited college or university is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the Northwest Commission on Colleges and Universities is not partial but applies to the institution as a whole. As such, it is not a guarantee of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

Inquiries regarding an institution's accredited status by the Northwest Commission on Colleges and Universities should be directed to the administrative staff of the institution. Individuals may also contact:

**Northwest Commission on Colleges and Universities**  
8060 165th Avenue N.E., Suite 100  
Redmond, WA 98052  
(425)558-4224

[www.nwccu.org](http://www.nwccu.org)

Accreditation by the Northwest Commission on Colleges and Universities refers to the institution as a whole. Therefore, statements like "fully accredited" or "this program is accredited by the Northwest



Commission on Colleges and Universities” or “this degree is accredited by the Northwest Commission on Colleges and Universities” are incorrect and should not be used.

Several of our programs are also accredited by the appropriate accrediting agencies, and graduates are eligible to take the qualifying examinations of the respective state and national licensing or registration bodies and join professional organizations.

## PROFESSIONAL ASSOCIATIONS

CSI is a member of the American Association of Community Colleges (AAACC) and holds several other institutional, divisional, departmental, and individual memberships in a variety of educational and professional organizations.

## OPEN-DOOR POLICY

CSI has an open-door admissions policy. Our open-door policy results in a diverse student population with varied experiences, backgrounds, abilities, interests, needs, and educational goals. CSI is committed to providing all eligible students access to appropriate educational offerings.

## CORE THEMES

- 1. Transfer Education:** To prepare students intending to transfer and who achieve either an Associate of Arts, Associate of Science, or Associate of Engineering degree for success at the baccalaureate level.
- 2. Professional/Technical Education:** To prepare students for entry into a job or profession related to their field of study by earning a Technical Certificate or Associate of Applied Science degree.
- 3. Basic Skills Education:** To provide developmental courses in math and language arts (reading, writing, grammar, vocabulary, and spelling) to assist students who need to raise existing skills to a college-level competency.
- 4. Community Connections:** To meet the economic development and non-credit educational, social, cultural and community support needs of the eight-county service region by making the college’s human and physical resources available, including facilities and the expertise of faculty and staff.

## PHILOSOPHY

The College of Southern Idaho recognizes all individuals as having value in a democratic society. CSI believes that education is for everyone and at all stages of life – meeting students where they are, helping them with where they want to be, and instilling the importance of lifelong learning. CSI strives to foster intellectual curiosity, critical thinking, informed engagement, social and civic responsibility, and productive global citizenship.

## DEGREES AND CERTIFICATES OFFERED

The College of Southern Idaho confers the following degrees and certificates:

- Associate of Arts Degree (AA)
- Associate of Science Degree (AS)
- Associate of Engineering Degree (AE)
- Associate of Applied Science Degree (AAS)
- Academic Certificate (AC)
- Advanced Technical Certificate (ATC)
- Intermediate Technical Certificate (ITC)
- Basic Technical Certificate (BTC)

## EDUCATIONAL LOCATIONS

The College of Southern Idaho has campuses at multiple locations.

### Main Campus

Twin Falls, 733-9554

[www.csi.edu](http://www.csi.edu)

### Blaine County Center

Hailey, 788-2038

Hallie Star, Director

<http://offcampus.csi.edu/blaine/>

### Eastern Idaho Center

Idaho Falls, 357-4527

Josh Sakelaris, Director

### CSI Jerome Center

Jerome, 324-7408

<http://offcampus.csi.edu/jerome/>

### Mini-Cassia Center

Burley, 678-1400

Amy Christopherson, Director

<http://offcampus.csi.edu/miniCassia/>

### North Side Center

Gooding, 934-8678

Elaine Bryant, Director

<http://offcampus.csi.edu/northSide/>

## THE HERRETT CENTER FOR ARTS AND SCIENCE

The Herrett Center for Arts and Science, located on the north side of campus, is an anthropology museum, art gallery, planetarium, public observatory, and gift store. The museum is home to more than 17,000 objects from the ancient civilizations of North, Central, and South America. Accredited by the American Association of Museums, it specializes in exhibits of weaponry, textiles, pottery, ornaments, and gems from the pre-history of southern Idaho to the culture of the Maya. The art gallery features contemporary works of local and regional artists with shows changing approximately every two months. Admission to the museum and art gallery is always free of charge.

The Faulkner Planetarium features educational and entertainment programs for local schools and the general public throughout the year for a nominal fee. The Herrett’s Centennial Observatory, with its 24-inch, research grade telescope, is handicapped accessible and offers regularly scheduled star parties, astronomy discussions, and other events either free or at very modest prices.

The Herrett gift shop sells educational games and books as well as toys, puzzles, puppets, posters, jewelry, and decorative items that are often related to exhibits.

The building is completely accessible to those with disabilities and features equipment for the hearing impaired. Guided education programs are offered for students of all ages.

For complete information on exhibits, shows, and show times, call 208-732-6655 or go online to [www.csi.edu/herrett](http://www.csi.edu/herrett)

## IDAHO SMALL BUSINESS DEVELOPMENT CENTER (ISBDC)

The Idaho Small Business Development Center is a focal point for providing business consulting and training opportunities by linking resources of higher education, the private business community, and federal, state, and local governments. Coordination with other programs and services, both public and private, has been established to utilize the expertise of these resources and avoid duplication of effort.

The ISBDC has been designed to meet management needs and to provide technical assistance to the small business community. ISBDC consulting is provided at no direct cost to the client through one-on-one sessions and group mentoring meetings. Business skill trainings are offered for a nominal fee or businesses can coordinate with the Center to design a customized in-house training to meet their specific needs. Please call the Center for an appointment or correspond via email to [isbdc@csi.edu](mailto:isbdc@csi.edu) or visit our web site at [csi.edu/isbdc](http://csi.edu/isbdc)

**Idaho Small Business Development Center**  
315 Falls Avenue, Evergreen Bldg. Room C77  
PO Box 1238  
Twin Falls ID 83303-1238  
Phone: (208) 732-6450  
FAX: (208) 445-1492

## SOUTHERN IDAHO ECONOMIC DEVELOPMENT ORGANIZATION (SIEDO)

The Southern Idaho Economic Development Organization (SIEDO) is a joint venture of public and private sectors in the cities of Twin Falls and Jerome formed to help diversify and strengthen the local economy by retaining and attracting business to the Southern Idaho region.

SIEDO works closely with each of these communities to promote economic development through expansion of existing business and to implement a focused consistent program to attract new businesses to the region.

**Jan Rogers**  
Executive Director of SIEDO  
Phone: (866) 768-8443, (208) 324-7408  
Email: [janrsiedo@aol.com](mailto:janrsiedo@aol.com)

## INFORMATION OFFICE

The Information Office, located in the Taylor Administration Building, is open from 7:30 a.m. to 5 p.m. Monday through Friday, and is closed on Saturday and Sunday.

All lost and found items on campus should be taken to the Information Office.

## USE OF CSI FACILITIES

The main purpose of all CSI facilities is to promote student learning and success. CSI facilities are available to qualified outside organizations, agencies, and groups when the use does not interfere with educational programs and services are not in conflict with the mission of the college.

Charges for facilities use vary.

For more information or request the use of one of our facilities, please contact: **CSI Facilities Use Specialist at (208)732-6282.**

## CSI FOUNDATION, INC.



The mission of the College of Southern Idaho Foundation, Inc is to “provide increased awareness of and financial support to CSI to educate, offer lifelong learning, and strengthen community partnerships.” Since 1984, the Foundation has been the vehicle that a generous community has used to provide scholarship support for students to take the next step in their personal and professional development at CSI. The Foundation awards scholarships to almost a thousand students each year. Additionally, the Foundation supports CSI projects such as the atrium of the Fine Arts building and construction at the Herrett Center. It also awards grants (called “mini grants”) twice a year to CSI faculty and staff. For more information about a possible tax deductible donation to this 501(c) (3), or to find out about scholarships, please contact:

**The College of Southern Idaho Foundation, Inc.**  
Phone: (208) 732-6249  
Website: [www.csi.edu/foundation](http://www.csi.edu/foundation)

# BECOMING A STUDENT

## ADMISSION

The College of Southern Idaho is an open-door, equal-opportunity institution.

### Becoming a CSI student is easy.

Just follow these steps.

## Campus Tours

CSI has a campus visit program for future students. Interested persons are invited to take a guided tour of our facilities and services. Visitors can meet with current students and faculty, observe classes, and attend student activities and events. Individual or group tours are scheduled weekdays through the Admissions Office at <http://www.csi.edu/admissions>. Students, friends, and parents are welcome to attend. One week's prior notice is appreciated.

## Information about CSI

Anyone wishing to receive information about admission, majors, student activities, athletics, housing, placement testing, financial aid, and scholarships should contact Admissions. To learn more about CSI or request information, contact New Student Services:

### Admissions

College of Southern Idaho

PO Box 1238

Twin Falls, ID 83303-1238

Phone: (208) 732-6221

FAX: (208) 736-4705

E-mail: [admissions@csi.edu](mailto:admissions@csi.edu)

Website: <http://www.csi.edu/admissions>

## Degree-Seeking Students

Students who intend to earn a degree from CSI must have completed high school or equivalent (homeschool, GED or HSE) or be 19 years of age or older at the time of enrollment.

1. Apply online in **MyCSI** – [mycsi.csi.edu](http://mycsi.csi.edu) for free. A paper application is also available and must be submitted with a non-refundable \$10 application fee.
2. Submit your official, final high school transcript showing graduation date when it is available. This includes HSE or GED scores. Submit an official transcript from every college attended (if any).
3. Submit course placement test scores (COMPASS, ACT, or SAT).

4. Meet with your major advisor or Advising Center for assistance with advisement and to discuss educational goals. Your major advisor contact information can be found on your admissions acceptance letter or by going to <http://advising.csi.edu>.
5. Register online in **MyCSI**. Students can also register at the Taylor Building Matrix and at off-campus centers (Blaine County, Eastern Idaho, Mini-Cassia, or North Side).
6. Submit a Certificate of Residency form (see more information under the Out-of-District section of this catalog).
7. Pay tuition and fees online in **MyCSI** or at the Taylor Building Matrix or at off-campus centers (Blaine County, Eastern Idaho, Mini-Cassia, or North Side). Financial Aid recipients with a complete file will have tuition and fees automatically applied to their accounts.

## Acceptance to limited enrollment majors at CSI

Some departments at CSI have additional requirements for admission. Students applying for Professional Technical Education (PTE) programs or Registered Nursing should contact the department for admission requirements. Departments will communicate with applicants regarding their status of acceptance into their selected major and any additional steps the students must take.

Questions? We can help! Visit us online at [www.csi.edu](http://www.csi.edu), or call the Admissions Office at (208) 732-6221.

## Non-Degree Students

Non-degree students take courses for personal enrichment and are not eligible to receive federal financial aid.

1. Apply online in **MyCSI** – [mycsi.csi.edu](http://mycsi.csi.edu) for free. A paper application is also available for students who prefer to use a paper application which must be submitted with a non-refundable \$10 application fee. Select Academic Non-Degree as program of interest (major).
2. Submit COMPASS, ACT, SAT, official college transcripts for courses that require placement scores or pre(co)-requisites., or alternative credit placement information for courses that require English or math placement.
3. Submit a Certificate of Residency form if you are taking any courses for credit (see more information under the Out-of-District section of this catalog).
4. Pay tuition and fees online in **MyCSI** or at the Taylor Building Matrix or at off-campus centers (Blaine County, Eastern Idaho, Mini-Cassia, or North Side).



\* Students who wish to change their status to Degree-Seeking must re-apply for admission and follow the steps listed above for Degree-Seeking students.

**MyCSI** ([mycsi.csi.edu](http://mycsi.csi.edu)) is CSI's online portal where you can:

- ✓ apply for admission
- ✓ search or browse the schedule of courses
- ✓ register for classes
- ✓ pay tuition and fees online
- ✓ add and drop classes
- ✓ check semester grades
- ✓ print unofficial transcripts
- ✓ review graduation audit
- ✓ access enrollment and degree verifications
- ✓ order official transcripts, and much more!



### International Students

International applicants are those students holding F, M, and J visas. International applicants whose first language is not English must demonstrate acceptable levels of English proficiency through an approved examination or institutional review in order to be admitted. Examples of approved examinations include TOEFL and IELTS (see <http://www.csi.edu/international/prospectiveStudents/checklist.asp> for specific scores) or demonstration of acceptable proficiency on the CSI ESL Placement exam. Additionally, students falling below levels of examination-defined proficiency or who are unable to provide placement information, may request a case-by-case institutional review, on the recommendation of an institutional faculty or staff member.

- Submit the international student application for admission and meet the requirements specified below before an I-20 will be issued. Students must then submit the I-20 to the American Consulate to receive a student visa.
- Submit official transcripts from high school, and all colleges attended
- Submit TOEFL, IELTS or the CSI ESL placement exam scores.
- Request a certification of finances and a bank statement in US dollars. This must be sent directly from your bank to the College.

The International Student Advisor provides information on housing, and host American families and serves as a liaison between the local community and the international students. For more information, visit <http://www.csi.edu/international>. This school is authorized under Federal law to enroll nonimmigrant students.

### STUDENT ADVISING

The College of Southern Idaho provides advising services to prospective, current, and returning students. Degree-seeking students are assigned a major advisor for assistance with degree planning and advising support resources. Students are highly encouraged and expected to discuss their educational planning and goals with their major advisor before registering for courses. The student advising process is a shared responsibility between the student and major advisor.

Student advisee responsibilities include:

- Learn about CSI program degree requirements, catalog, regulations, and instructional calendar information.
- Schedule regular advising sessions with major advisor for appropriate course selection guidance, create a graduation plan, and receive up-to-date campus resources and support.
- Make informed, timely decisions based on information contained in the CSI catalog and provided by your major advisor.
- Log-in and access CSI EagleMail, NetPartner, HigherOne, MyCSI, and Blackboard accounts.

- Visit the CSI website for current events and updates.
- Abide by all College policies, including the CSI Student Code of Conduct.

Major advisor responsibilities include:

- Develop knowledge about admissions, course and program placement, and developmental advising philosophy.
- Understand and explain relationships between degree requirements, CSI catalog regulations, and instructional calendar information.
- Assist students with relevant career and workforce advice, proper course sequence selection, and articulation program agreements.
- Maintain working knowledge relating to EagleMail, NetPartner, HigherOne, MyCSI, and Blackboard.
- Act as a referral resource to advisees to other CSI departments or community agencies as appropriate and necessary.
- Assist students in selecting courses that reflect individual interests and are required or count toward degree/certificate completion.
- Protect the privacy of students' education records by adhering to Family Educational Rights and Privacy Act (FERPA) regulations.

For more information on the advising services available, go to <http://advising.csi.edu> or contact the Advising Center at (208) 732-6250.

### Advising Center

**Course Placement Interpretation.** Advising staff provide assistance to students with appropriate course placement in order to determine course prerequisites, program entry requirements, and the enhancement of student educational success.

**Support Assistance.** Advising staff provide major advisor referral assistance to connect students with various program offerings of interest. The Advising Center also serves as a resource to students, faculty, and staff with a variety of services, student support programs, and directory contact information.

### COURSE PLACEMENT

The College of Southern Idaho (CSI) is an open-door, equal opportunity institution. We welcome all students who can benefit from our educational programs and services regardless of age, race, color, national origin, sex, religion, and/or disability. We are also committed to providing all eligible students access to appropriate educational offerings. To that end, the College accepts the following placement information in order to assist students with the selection of appropriate level courses in the educational planning process: COMPASS (Computerized Adaptive Placement Assessment & Support System), ACT (American College Testing), SAT, Alternative Credit, and Transfer Credit.

Students who plan to enroll at CSI can take the COMPASS test at no cost at the CSI Testing Center or outreach centers. The COMPASS assessments are a series of un-timed adaptive tests in the areas of English, reading, and mathematics. Spelling Development and Building College Vocabulary may be required as part of the English and reading diagnostic testing. Placement scores will be considered valid if they have been taken within three years from the date of course registration. The COMPASS placement is given on a walk-in basis; no appointment is necessary. Students who wish to complete the entire test sections in one day should allow for at least 2 hours. No tests are started within 2 hours of closing. Please contact the Testing Center or respective outreach center for hours and testing policies.

COMPASS Internet Remote Testing is also available for students in over 550 supervised COMPASS testing centers across the country. There is no cost for students taking the COMPASS from a distance; however, a proctor fee will be assessed from the remote testing location. Students can arrange

to have their COMPASS placement or diagnostic tests administered away from the CSI campus by contacting Valerie Ward, [vward@csi.edu](mailto:vward@csi.edu) (208) 732-6569 or the Campus Testing Center, [campustesting@csi.edu](mailto:campustesting@csi.edu) (208) 723-6532.

All students, degree-seeking and non-degree seeking, must submit placement information prior to enrolling in courses at the College of Southern Idaho that require math or English placement. The score results are used during the educational planning process to assist students in selecting appropriate level courses in which there is a reasonable probability that they will be successful. Certain courses and program-specific admissions criteria require specific course placement level attainment. Refer to the catalog curriculum and program description sections for details.

## IDENTIFICATION CARDS

A nontransferable student identification card is issued upon admission to the College. Students will need it for identification purposes, to take course tests at the Testing Center, to check out materials from the Library, and to obtain admittance to college activities. **Students must carry the student identification card with them at all times when on campus.** ID cards are available in the Matrix, Library, and at the Mini-Cassia Center. There is a replacement fee if the card is lost or damaged.

## COLLEGE HOURS (CREDITS)

CSI defines Credit Hour as follows:

### Definition of Credit

A credit, sometimes referred to as semester credit or semester hour, is related to time spent in class, study, preparation, laboratory, or field experience.

One semester credit hour normally requires 45 hours of student work, or:

1. 50 minutes in class each week for one semester (which assumes twice this amount of time in study and preparation outside the classroom), or
2. Two to three hours in laboratory each week for a semester, or
3. The equivalent combinations of 1 and 2.

Credit for workshops and short courses is granted on the basis of one semester credit for 45 hours of scholarly activity.

## COURSE NUMBERING

The following numbering system is used for all credit courses offered by CSI:

**Zero level** - (000-099) Course content is considered below college freshman level. These courses are not applicable for graduation.

**One hundred level** - (100-199) Course content taught at the college freshman level.

**Two hundred level** - (200-299) Course content taught at the college sophomore level.

## COLLEGE YEAR

College of Southern Idaho operates on the semester system. The academic year includes two 16-week semesters (Fall and Spring) and multiple summer terms. The academic calendar appears at the beginning of this catalog and is available online.

In addition to full semester-length courses, CSI offers short-term courses, as well as open-entry, open-exit courses. Day, evening, weekend, online, and distance learning courses are available in order to meet the needs of students.

## SCHEDULE OF CLASSES

The schedule of classes is available online prior to each registration period and contains detailed information about courses offered including dates, times, instructor, delivery method, and location. The schedule also provides information on how to register for classes, current tuition and fees, and important policies and deadlines.

The most up-to-date course information can be found online at **MyCSI** (Course Schedule) [mycsi.csi.edu](http://mycsi.csi.edu). A print copy is available upon request.

## STUDENT STATUS

**Full-time Students** – Degree-seeking students taking 12 or more credits per term

**Part-time Students** – Degree-seeking students taking fewer than 12 credits per term

The following number of completed credits determines a student's class level:

Class Level	Credits Completed
Freshman	1 - 25
Sophomore	26 or more

## REGISTRATION

Registration for CSI courses is available online through **MyCSI** ([mycsi.csi.edu](http://mycsi.csi.edu)) or in person in the Matrix (Taylor Administration Building) and at the off-campus centers.

### Prerequisites and Corequisites

A prerequisite must be completed prior to gaining access to another course. A corequisite must be completed concurrently with another requirement or course. If a course has a prerequisite or corequisite, students will not be able to register in the course unless those requirements are in progress or have been met. Students can check the course catalog or talk to their advisors if they have questions about specific requirements.

### Audit Status

A student may elect to register for a course and choose Audit status rather than receive credit. The transcript will show an "AU" which is generally interpreted as having enrolled in the class but may or may not have completed assignments or participated in class activities. Students are expected to attend classes even though they will not receive credit or a grade for the class. Regular tuition and fees apply.

Students can select Audit grade type on the paper registration form when registering or adding a class, or by emailing the Office of the Registrar at [records@csi.edu](mailto:records@csi.edu) from their Eaglemail account. Students registered for Audit are permitted to change to credit (or vice versa) with the instructor's permission.

### Adding a Course

Students may decide to add additional open courses after they have registered for the semester. Students are strongly encouraged to finalize their schedules as early as possible after registration begins. The add period is open until the end of registration—the first Friday of the term. However, students need instructor permission to add classes once the semester has begun. After registration ends students will only be able to add open late start classes.

The waitlist feature in **MyCSI** allows students to place themselves in line to enroll in a class that is full. Students are notified via email when they are moved from the waitlist into an open spot in the course. Students

who are not added from the wait list before classes begin are encouraged to attend the first class meeting to determine whether they can add with instructor permission.

### Credit Enrollment Limits

Every student has a unique set of circumstances: academic preparation, skills and abilities, drive and self-motivation, family and work responsibilities, etc. The number of credits students should enroll in depends on many of these factors, as well as on the type and level of difficulty of classes in which they intend to enroll. For some students 15 credits could be considered a full load, while others may be able to successfully complete more credits a semester. Registering in too many credits may result in lower performance.

Degree-seeking students who want to register in more than 20 credits during a fall or spring semester, or more than 10 credits in the summer semester will need the approval of their major advisor. Non-degree seeking students will need the approval of an Instructional Dean in the Office of Instruction and Academic Affairs.

Students receiving financial aid should also keep in mind financial aid regulations when deciding on the number of credits in which they should enroll.

### Dropping a Course & Withdrawal

The drop period ends on the First Friday of the term. A dropped course is not reflected on the student's transcript. The withdrawal period then begins and lasts through 75% of the course. Withdrawal means the student attempted the course but did not complete any credit; the grade of W will appear on the student's transcript.

Students may drop courses online until the end of the registration period. In order to withdraw from one or more courses, a completed Add/Drop/Withdraw form is required. Instructions on the form indicate when a signature of instructor and/or Financial Aid advisor is required. The completed form may be submitted to the Office of the Registrar or any off-campus center.

No course may be withdrawn from after 75% of the course has elapsed. Students will be issued a grade after this deadline.

W grades can have a number of negative consequences, including negatively impacting students' eligibility for Federal Financial Aid. Ws on transcripts can also raise questions by transfer institutions and even prospective employers. Students should carefully consider the consequences of Ws before withdrawing from courses.

### CSI HONORS PROGRAM

The Honors Program is open to full-time students just beginning at CSI or to those already in the process of completing a degree who hold and maintain a GPA of 3.5 or above. Admission to the Honors Program is a competitive process granted by application in the fall and the spring. Students in the Honors Program take Honors Seminar and Honors Reading classes in addition to general education honors coursework. The Honors Program also provides scholarship support through the Bordewick Honors Fellowship, community service opportunities, cultural enrichment opportunities, social functions, and assistance with transfer and résumé building. Honors Program students are also actively involved with the College of Southern Idaho's Eagle View Lecture Series.

All students, regardless of major or enrollment status, are offered the option of taking honors coursework to satisfy their general education requirements (and, in select cases, some major specific courses as well). Students can recognize honors courses by the "H" following the section number of the course. These courses meet all of the same general education outcomes as their regular section counterparts, but go beyond the minimum to provide an enriched academic experience. All students can identify, recognize, and register for these courses through the

general registration system. No extra signature or process is required for registration, although contacting individual instructors to inquire as to the nature of the content in the course is highly recommended.

In addition, all students are offered the option of working with individual instructors, at the discretion of the instructor, to form an "honors contract" that expands upon the coursework of any class on campus. These contracts develop any class on campus into an official honors class represented by an "H" on a student's transcript. Students interested in pursuing this option should download an "honors contract" from [www.csi.edu/honors](http://www.csi.edu/honors) and approach an instructor about working with him or her on the contract. Contracts should be returned to the Honors Program Director by the end of the 3rd week of the semester to be processed by the Record's Office by the 4th week of the semester.

For complete information on the CSI Honors Program, including an application, visit the program website at [www.csi.edu/honors](http://www.csi.edu/honors) or contact:

**Brian Dobbs**  
**Director of CSI Honors Program**  
**Phone: (208) 732-6266**  
**Email: [bdobbs@csi.edu](mailto:bdobbs@csi.edu)**

### COLLEGE-LEVEL ESL PROGRAM

The college-level English as a Second Language Program is housed in the Academic Skills Department. When students whose native language is not English apply for admission to CSI, their English language proficiency is evaluated and they are placed in appropriate courses. Students whose English proficiency is very limited are advised to improve their proficiency in a non-credit program prior to enrollment at CSI, students with higher proficiency, but who are not yet ready for mainstream college coursework are advised to enroll in the College-level ESL Program, and students who demonstrate sufficient proficiency are advised to take mainstream college courses.

The College-level ESL Program consists of courses in ESL Grammar, Reading and Writing, and Listening and Speaking at intermediate and advanced levels. After successful completion of the College-level ESL Program, students will be advised to take mainstream college classes with guidance from the Advising Center, the Multicultural Student Services Office, or major advisors.

**R. Brent Jensen**  
**Professor of ESL/Spanish**  
**College-level ESL Program Coordinator**  
**Phone: (208) 732-6535**  
**Office: GRM/ADC 202A**  
**Email: [RBJensen@csi.edu](mailto:RBJensen@csi.edu)**

### ADULT BASIC EDUCATION

#### ABE/ESL

The Adult Basic Education Program offers services at no cost to individuals whose skills in reading, writing, and mathematics are below the 12th grade level. Skills are assessed and instruction is provided to help students improve their academic skills.

English as a Second Language (ESL) is offered at various locations throughout the eight-county region of South-Central Idaho. This instruction helps students improve their ability to speak, to read, and to write English.

Improving skills is preparatory to transitioning to postsecondary education or the workplace.

**Adult Basic Education**  
**Meyerhoeffer Building 2nd Floor**  
**Phone: (208) 732-6534**  
**Toll Free ID/NV: (800) 680-0274, Ext. 6534**  
**FAX: (208) 736-3029**



## GED

The GED® tests are administered at CSI. Registration, scheduling, and payment is done online at [www.ged.com](http://www.ged.com). Testing is available on the Twin Falls main campus and at the CSI Mini-Cassia Center. For more information:

### Adult Basic Education

Meyerhoeffer Building 2nd Floor

Phone: (208) 732-6534

Toll Free ID/NV: (800) 680-0274, Ext. 6534

FAX: (208) 736-3029

## DUAL CREDIT

The College of Southern Idaho recognizes the nationwide movement toward allowing high school students of outstanding academic achievement and/or inclination the opportunity to earn college credit towards an undergraduate degree prior to graduation. CSI accepts high school students as one of its important constituent groups and considers dual credit programs to be a major part of its off campus outreach effort.

A dual credit course is a college course taken by a high school student for which the student earns both college and high school credit. Such courses may be offered on the high school campus and taught by a high school or college instructor, or they may be offered on the college campus by a college instructor. Dual credit enables students to make substantial progress toward college degrees before they finish high school. Students who begin taking courses in their junior year can earn thirty or more college credits by the time they graduate from high school if they also take summer classes at the college. College-bound students can earn sophomore status even before they set foot on campus. Some dual credit students also take online and evening classes.

Dual credit courses help high school students make the transition from high school to college. For one thing, students can learn what college professors expect while still in their familiar high school surroundings. When a student matriculates into a college system, they will have already acquired the confidence to succeed academically. Then too, dual credit courses enable high schools to offer students more options than are available in a regular high school curriculum.

Dual credit students may pay less in college tuition, and may be able to save on books.

For more information about dual credit, talk to the high school counselor or go to: [www.csi.edu/dualcredit](http://www.csi.edu/dualcredit)

## TECHNICAL COMPETENCY CREDIT

Technical Competency Credit allows high school students to earn college credit while in high school, learn technical skills that can lead to better-paying jobs, get a head start toward a college degree, and open the door to exciting technical careers.

For more information about earning college credit through Technical Competency Credit, ask your high school counselor or professional technical teacher or contact the College Accelerated Learning office at the College of Southern Idaho.

For more information visit [www.csi.edu/techprep](http://www.csi.edu/techprep)

## ALTERNATIVE CREDIT

Many students entering the College of Southern Idaho bring a depth of knowledge in specific subjects that have been gained through life experiences or a variety of areas of study. Students who have been accepted and enroll as CSI students may convert this learning into alternative credit. CSI provides students several opportunities to receive

undergraduate credit on the basis of satisfactory standardized testing performance or challenging courses in one or more of the areas listed below.

## Credit by Examination (CBE)

The College of Southern Idaho allows several alternative methods of receiving credit for coursework other than the traditional credit received by enrolling in and passing a particular course. Students may acquire up to 1/3 (21 from a 64 credit degree) of the credits required in their declared major through CBE methods. However, this may vary by major. Students are assessed 20% of the CSI Idaho resident tuition for each credit acquired by CBE, as well as other associated CBE testing fees. CBE credits may not be used as part of the credits supporting a student's financial aid award. Credits received in this manner may count toward the credit requirements for graduation, a grade of "P" (P=Pass) is given, and these type of credits are not computed in the student's Grade Point Average (GPA).

### CBE includes:

**Advanced Placement (AP)** - Advanced Placement exams are used by high school students who are advanced enough in a specific subject area to place them in a more advanced term of study in that subject matter. Certain AP score level benchmarks allow students to gain CBE.

**American College Testing Program (ACT)**- American College Testing assessment measures high school students' general educational development and their capability to complete college-level work. Certain ACT score level benchmarks allow students to gain CBE.

**American Council on Education (ACE)** - American Council on Education guides are evaluations of instruction performed in the private sector of the military. Certain ACE score level benchmarks allow students to gain CBE.

**Challenge for Credit Hours** - A student may challenge a course with the permission of the instructional dean, department chairperson, and instructor by passing a comprehensive test with a 'C' grade or better for that course.

**NOTE:** *Not every course may be challenged. Check with the appropriate department head to see if the course you wish to challenge may be challenged.*

**College-Level Examination Program (CLEP)** - The College of Southern Idaho accepts subject matter CLEP scores for equivalent courses. If the score submitted is at or above the approved score, the student will receive credit for the equivalent course(s). The subject matter examination will show the corresponding CSI course number and title. Students are assessed a fee for CLEP test taken, as well as a CSI testing fee. CLEP tests are administered by the CSI Testing Center. Please direct questions to the CSI Testing Center: [campustesting@csi.edu](mailto:campustesting@csi.edu) or (208) 732-6532.

**COMPASS (Computerized Adaptive Placement Assessment & Support System)** - The COMPASS assessments are a series of un-timed adaptive tests in the areas of reading, writing, and mathematics. These tests are used as a means to gather information regarding the background, educational needs, and course placement of students. Certain COMPASS score level benchmarks allow students to gain CBE.

**DANTES Subject Standardized Tests (DSST)** - The College of Southern Idaho accepts DANTES Subject Standardized Tests (DSST) scores for equivalent courses. If the score submitted is at or above the approved score, the student will receive credit for the equivalent course(s). The DSST examination will show the corresponding CSI course number and title.

**SAT** - SAT provides students a sense of how they will be able to apply reading, writing, and math skills that are critical for success in college course work. Certain SAT score level benchmarks allow students to gain CBE.

## Vertical Credit

A student may receive vertical credit for a prerequisite course with the permission of the instructional dean, department chairperson, and the instructor if the student passes the enrolled course with a grade of “C” or better.

## STUDENT RECORDS

### Privacy of Student Records

The **Family Educational Rights and Privacy Act of 1974 (FERPA)** (20 U.S.C. § 1232g; 34 CFR Part 99) is a federal law that protects the **privacy of student education records**. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education.

**FERPA** was designed to protect the privacy of students’ educational records, to establish the right of students to inspect and review their education records, and to provide guidelines for the correction of inaccurate or misleading data. The College of Southern Idaho may release **directory information** as allowed by law.

**FERPA** gives parents certain rights with respect to their children’s education records. **These rights transfer to the student when he or she reaches the age of 18 or attends a school beyond the high school level (e.g. college or university).** Students to whom the rights have transferred are **“eligible students.”**

- Eligible students have the right to inspect and review their education records maintained by the school.
- Eligible students have the right to request that a school correct records which they believe to be inaccurate or misleading.
- Generally, schools must have written permission from the eligible student in order to release any information from the student’s education record. However, FERPA allows schools to disclose those records, **without consent**, to the following parties or under the following conditions (34 CFR § 99.31):
  - School officials with legitimate educational interest (including contractors, consultants and other third parties acting on behalf of the College);
  - Other schools to which a student is transferring;
  - Specified officials for audit or evaluation purposes;
  - Appropriate parties in connection with financial aid to a student;
  - Organizations conducting certain studies for or on behalf of the school;
  - Accrediting organizations;
  - To comply with a judicial order or lawfully issued subpoena;
  - Appropriate officials in cases of health and safety emergencies; and
  - State and local authorities, within a juvenile justice system, pursuant to specific State law.

Schools may disclose, without consent, **directory information**. Eligible students may request that the school not disclose directory information about them.

**Directory information** is defined as the following:

- Student’s name
- Student’s address listings
- Student’s phone number listings
- Student’s e-mail address
- Student’s photograph

- The most recent previous educational agency or institution attended
- Enrollment status
- Full-time/part-time status
- Dates of attendance
- Major
- Freshman/sophomore standing
- Candidacy for degrees/certificates and anticipated date of graduation
- Degrees conferred and dates
- Awards and honors received
- Participation records in officially recognized activities and sports
- Height and weight of members of athletic teams

A school official is a person employed by the College in an administrative, supervisory, counseling, faculty, or support staff position; a person or company with whom the College has contracted as its agent to provide a service instead of using College employees or officials (such as an attorney, auditor, external evaluator, medical service provider, law enforcement or security personnel, or collection agent); a person serving on the CSI 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 access/review an education record in order to fulfill his or her responsibilities for the College. Any school official who needs information about a student in the course of performing instructional, supervisory, advisory, or administrative duties for the College has a legitimate educational interest. The information must not be used for personal or other purposes extraneous to the official’s areas of responsibility. Having access to education records does not constitute authority to share this information with anyone who does not have legitimate educational interest.

Students may submit a written request to the Office of the Registrar to prevent the release of directory information. Students may submit a written request to the Office of the Registrar that identifies the record(s) they wish to inspect and review. Records covered by FERPA will be made available to the student for inspection and review within 45 days. In general the College is not required to provide copies of the education records requested unless failure to do so would effectively prevent the eligible student from exercising the right to inspect and review the records. The college may charge a reasonable fee for preparing copies for the eligible student. A college representative may be present during the review of the records, and may provide information regarding the interpretation of such records to the student. Students may not inspect financial information submitted by a parent or guardian, confidential letters associated with admission, and records to which they have waived their inspection rights. The college will not release records that are not owned by the college.

Questions concerning FERPA should be referred to the CSI Office of the Registrar (732-6795); [www.csi.edu/FERPA](http://www.csi.edu/FERPA).

Eligible students have the right to file a complaint under FERPA with the U.S. Department of Education Family Policy Compliance Office concerning alleged failures by the institution to comply with the Act. Complaints must be sent in writing, with all pertinent information, to the following address:

**Family Policy Compliance Office  
U.S. Department of Education  
400 Maryland Avenue, SW  
Washington, D.C. 20202-5920**

## Name, Address, or Phone Number Change

It is the students' responsibility to ensure that their information in our system is current and accurate. When a student's name, mailing address, permanent address, phone number, major or other pertinent information changes, he or she must promptly notify the Office of the Registrar and fill out the appropriate form to reflect the change in our system. Necessary forms are available online, in the Matrix, and at off-campus centers. Students are responsible for any delays in communications sent from CSI when an incorrect address is on file.

## Grade Code Categories

Grades are earned upon completion of a course in the following categories:

Grade	Points/ Credit Hour	Description	Used to Calculate GPA?
A	4	Excellent	Yes
B	3	Good	Yes
C	2	Satisfactory	Yes
D*	1	Unsatisfactory <i>*not considered passing in all classes</i>	Yes
F	0	Fail	Yes
P	-	Pass-satisfactory progress of at least 'C' level	No
NP	-	No pass – unsatisfactory progress below 'C' level	No
NC	-	No credit	No
I	-	Incomplete	No
AU	-	Audit	No
NG	-	Non-Graded	No
W	-	Withdrawal	No
WIP	-	Work In Progress	No

## Incompletes

Instructors can enter a grade of Incomplete (I) if both of the following conditions are present:

- Your work has been satisfactory through the first half of the semester (or course).
- Extenuating circumstances make it impossible for you to complete the course before the end of the semester.

In order to receive an incomplete, you and your instructor must agree to a contract stipulating the work you must do and the time in which it must be completed for you to receive a grade in the class. The contract is available on the CSI website: <http://www.csi.edu/facultyAndStaff/#forms>. The contract time varies as set by the instructor but may not exceed one year. If no grade other than incomplete has been assigned one year after the original incomplete, the grade of F will automatically be assigned. The grade of F may not be changed without approval of the Appeals Committee. You may not remove the incomplete from your transcript by re-enrolling in the class during another semester. A grade of incomplete is excluded from GPA calculations until you receive a final grade in the course.

## Grade-Point Average (GPA)

CSI calculates three types of grade-point average (GPA):

- Semester GPA** - Includes all coursework receiving a letter grade (including developmental coursework) taken during a specific semester. This GPA appears on the CSI transcript as "Term Totals."
- Cumulative GPA** - Includes all coursework receiving a letter grade (including developmental coursework) a student has taken while at CSI. This GPA appears on the CSI transcript as "Career Totals." CSI cumulative GPA is used to calculate academic standing and to determine honors received at graduation.
- Graduation GPA** - Includes all college level coursework receiving a letter grade (excluding developmental coursework) a student has taken while at CSI and all college level transfer coursework accepted by CSI. This GPA appears on the degree audit report. The graduation GPA will be used to determine if a student meets the minimum 2.0 GPA required to graduate.

Number of quality points = Number of credits \* Number of quality points per credit

Total Quality Points Earned  
----- = GPA  
GPA Credits Attempted

Quality Points:

- A – 4 quality points per credit
- B – 3 quality points per credit
- C – 2 quality points per credit
- D – 1 quality point per credit
- F – 0 quality point per credit

GPA calculation example: At the end of the semester a student received an A in a 3-credit course, a B in a 2-credit course, an F in a 1-credit course, audited a 3-credit course, and received an incomplete in a 3-credit course.

The total number of quality points earned is:

Number of credits	*	Number of quality points per credit	=	Number of quality points
3	*	4	=	12
2	*	3	=	6
1	*	0	=	0
				<b>18</b>

**Note:** audited courses and courses in which students receive an Incomplete are not used to calculate GPA.

The total number of GPA credits attempted = 3+2+1=6

The semester GPA = 18/6 = 3.00

## Attendance

The college recognizes that regular attendance is the student's responsibility. Instructors evaluate the lack of attendance in terms of the course requirements and take reasonable course of action, including but not limited to, dropping students for no show.

A class missed due to required participation in a verified school activity will not be considered an absence. Students who miss class or are absent for any reason, are still responsible for completing all course requirements. When the number of class hours absent exceeds the number of course credits, the instructor has the authority to send a notice to the student as



a warning and/or refer the student to his/her advisor. When the number of class hours absent exceeds twice the number of course credits, the instructor has the authority to fail the student in the course.

Students who stop attending yet do not withdraw from the class may earn a failing grade.

### Examinations

Students absent from any written test shall be regarded as having failed that test. However, if such absence is caused by some unavoidable extenuating circumstance (the burden of proof lies with the student), the instructor may give a comparable test to the student at a later date.

### Grade Appeal

A student may appeal a grade that he/she feels is incorrect or unfair through the grade appeal process. The policy, procedures, and forms are available from the Admissions and Records web site: [www.csi.edu/admissions](http://www.csi.edu/admissions).

**NOTE:** The grade appeal process must be started, and the paperwork formally submitted to the Office of the Registrar, no later than 20 business days after grades have been posted.

### Repeating Courses

The effect of repeating a course is as follows:

Only the grade for the most recent iteration of the course will count in the GPA and graduation.

All iterations of the course will continue to show on the transcript with their respective grades.

Certain courses may be repeated and the credits accumulated. For all others, the previous course is marked to show that it has been repeated.

Federal Financial Aid recipients may repeat a grade of a D or F only one time with the help of Federal funds.

### Transcripts

Transcripts are part of a student's permanent record. They show all the courses and credits in which the student was enrolled at the end of the drop period each semester, the final grade for each course, the courses from which the student was withdrawn, credits attempted and credits earned, courses repeated, grade point average for the semester and cumulative grade point average, academic standing and honors received, etc.

Current students can access and print out their unofficial transcripts from **MyCSI** [mycsi.csi.edu](http://mycsi.csi.edu) for free. Unofficial transcripts are available for \$2 if provided by CSI staff instead.

Requests for official transcripts may be made online through the **National Student Clearinghouse** ([www.studentclearinghouse.org](http://www.studentclearinghouse.org)) or in writing to the Office of the Registrar. Student signature is required to release a transcript. Official transcripts will be released only after the student has fulfilled all financial obligations to the college. Official transcripts mailed or picked up are \$7 each. Priority mail is \$10, plus \$7 for the official transcript. UPS/FedEx delivery is \$25, plus \$7 for the official transcript; this also applies for international delivery. Normal processing time for an official transcript is 1-3 business days. Rush processing is an additional \$10 and processing time is 24 hours.

The Office of the Registrar makes every effort to ensure that transcripts are up-to-date and accurate. However, if students believe that there is an error or omission on their transcript, they should contact the Office of the Registrar with copies of relevant documentation. For more information visit: [www.csi.edu/transcripts](http://www.csi.edu/transcripts).

### Verifications

The **National Student Clearinghouse** is the College of Southern Idaho's authorized agent for providing all (attendance/degree and enrollment) verifications.

Insurance companies, housing providers, lending agencies, employer/employment agencies, etc. may contact the National Student Clearinghouse directly. Web access is available 7 days a week, 24 hours a day at [www.studentclearinghouse.org](http://www.studentclearinghouse.org)

**Phone:** (703) 472-4200  
**Fax:** (208) 742-4239  
**E-mail:** [service@studentclearinghouse.org](mailto:service@studentclearinghouse.org)  
**Mail:** 3454 Sunrise Valley Drive, Suite 300  
Herndon, VA 20171

Current students may access the National Student Clearinghouse online through **MyCSI** [mycsi.csi.edu](http://mycsi.csi.edu) by selecting the link to Free Student Self-Service, for enrollment verification and other options. This allows students to print, free of charge, an official enrollment verification certificate for themselves and service providers.

CSI provides the current semester's enrollment information to the clearinghouse approximately two weeks prior to the semester start date. This information is subject to change due to the student's right to adjust his/her schedule according to the College's add/drop and withdrawal policies.

### Articulation and Transfer

#### Transfer from CSI:

The College of Southern Idaho has articulation agreements with all Idaho public colleges and universities. This means that students who receive an Associate of Arts (AA) or an Associate of Science (AS) degree may transfer to any public four-year university in Idaho with junior level standing. Students who receive an Associate of Applied Science (AAS) degree may transfer a minimum of 16 credits to any in-state public higher education institutions. A maximum total of 70 lower-division credits may be accepted by Idaho public four-year universities for transfer from CSI. Other colleges may accept fewer credits. CSI also has articulation agreements with several out-of-state institutions. Contact the Office of Instruction and Academic Affairs for specifics at (208) 732-6281.

Students who graduated from CSI with an Associate of Arts or Associate of Science degree will be considered as having satisfied the lower division general education core requirements and shall be granted junior standing upon transfer to a four-year public institution in Idaho and will not be required to complete additional lower division general education core courses. This is also true if students complete the Academic Certificate. Students who complete the Academic Certificate should request certification from the Office of the Registrar through the graduation application process.

This policy applies to lower division general education core requirements only. It is not intended to meet specific major or graduation requirements. Students who plan to transfer should consult with their advisors and make early contact with a representative from the institution to which they intend to transfer. It is also recommended that students consult the catalog of the transfer institution to see which courses will be required to fulfill their graduation requirements. Any CSI course with a number below 100 is considered below a college freshman level and will not be accepted for transfer credit.

#### Transfer to CSI:

CSI accepts transfer credits from postsecondary institutions accredited by a regional accrediting agency recognized by the U.S. Department of Education. The list of regional accrediting agencies can be found at: <http://www.ope.ed.gov/accreditation/Agencies.aspx>.

Transfer students who have earned an Associate degree or higher or who have completed the general education core from any regionally accredited institution will be considered core certified, and will not be required to take additional lower division general education core courses. Transfer students must provide official transcripts that show the degree earned or the completion of general education core from the transferring institution.

Transfer students who have completed coursework at regionally accredited institutions but who have not earned a degree or completed the general education core should submit official transcripts for course by course evaluation. Those students who have met CSI's general education core with transfer coursework will be considered core certified.

Major courses are evaluated on a course by course basis regardless of whether the student has earned a degree or completed general education core at any regionally accredited institution. Transfer students must complete their final 15 credits or a total of 50 credits at CSI.

### Right of Appeal

Students have the right to appeal outcomes imposed by implementation of College policies. All appeals must be in writing and must be submitted to the respective CSI official(s). Appropriate documentation of extenuating circumstances or undue hardship will be required and the timeliness of the appeal will also be considered.

### ACADEMIC EXCELLENCE AT CSI

As part of its mission, the College of Southern Idaho seeks to provide a quality educational experience to students with diverse backgrounds and academic gifts, including high-ability, high-achieving students. In doing this, there are several options for gifted students to capitalize upon and be recognized for outstanding academic achievement.

#### President's List and Dean's List

The President's List and Dean's List are semester-based distinctions available to full-time students (students who completed 12 or more credits from graded courses).

- **President's List** – 4.00 semester GPA
- **Dean's List** – 3.5 to 3.99 semester GPA

President's List and Dean's List designations are recognized on the student's transcript.

Grades of 'I' or missing grades will prevent a student from receiving honors.

### CSI Honors Program & Honors Coursework Recognition

The Honors Program is open to full-time students just beginning at CSI or to those already in the process of completing a degree who hold and maintain a GPA of 3.5 or above. Admission to the Honors Program is a competitive process granted by application in the fall and the spring. Students in the Honors Program take Honors Seminar and Honors Reading classes in addition to general education honors coursework. Honors courses are represented by an "H" on a student's transcript.

Students who complete at least 15 credits of honors coursework (either through designated sections or contract) will be awarded special distinction on both their transcript and diploma. They can also be identified by purple cords at commencement ceremonies.

### Commencement Honors

CSI also recognizes academic distinction at graduation based on graduates' cumulative GPA at CSI:

- **Summa Cum Laude** – with highest praise; students who graduate with a 3.9-4.0 GPA
- **Magna Cum Laude** – with great praise; students who graduate with 3.7-3.89 GPA
- **Cum Laude** – with praise; students who graduate with 3.5-3.69 GPA

These distinctions are recognized on the transcript and diploma. Graduates may wear gold cords during the commencement ceremony.

Grades of "I" or missing grades will prevent a student from receiving these honors and only CSI cumulative GPA will be considered (excluding transfer credits). These graduation honors apply only to associate degrees (AA, AS, AE, AAS), Academic Certificates (AC), Basic Technical Certificates (BTC), Intermediate Technical Certificates (ITC), and Advanced Technical Certificates (ATC) are not eligible.

### UNSATISFACTORY PERFORMANCE REGULATIONS

#### Academic Alert and Probation

To be in Academic Good Standing status at the College of Southern Idaho (CSI), students must have a 2.00 minimum cumulative CSI Grade Point Average (GPA). Students who earn a cumulative CSI GPA between 1.50 and 1.99 are placed on **Academic Alert** status for the following semester term. Those students who earn a cumulative CSI GPA below a 1.50 are placed on Academic Probation status for the following semester term. Students on Academic Alert or **Academic Probation** status are strongly encouraged to work closely with their major advisor to plan a successful course of action each semester. Students will remain on Academic Alert or Academic Probation status until their cumulative CSI GPA returns to at least a 2.00.

#### Academic Suspension

To be in Academic Good Standing status at CSI, students must have a 2.00 minimum cumulative CSI Grade Point Average (GPA). Those students who enroll under an Academic Probation status and then do not earn at least a 1.50 CSI GPA for that specific semester term are placed on Academic Suspension status. Students are blocked from the registration process and they must comply with College requirements under that status to return. Students will be removed from Academic Suspension status once their most recent CSI semester term GPA is at a 1.50 or higher.

#### Suspension Contract

The Suspension Contract agreement's primary objectives are to assist Academic Suspension students in repairing their academic standing and provide supportive services in order to achieve educational goals set forth. Students on Academic Suspension will be notified by the Office of the Registrar that their registration access is blocked and must contact the Advising Center to participate in a Suspension Contract Agreement in order to enroll in classes. Suspension Contract Agreements must be completed by the end of the term registration period. NOTE: Students on Academic Probation status, registered before the reporting of term grades, will need to complete a Suspension Contract if their final grades place them on Academic Suspension status. Failure to complete a contract will result in the student being dropped from all of his/her classes by the Office of the Registrar, immediately following the end of the term registration date.

Students are allowed to have one "unsuccessful" contract. Once students produce two "unsuccessful" contracts while participating in the Suspension Contract process, they will be dismissed from school for the next enrollment term (excluding summer term). When students return

to CSI after dismissal, they will again be held under the same Suspension Contract program procedures and conditions, with the next suspension period being for one-full academic year (fall, spring, and summer semester terms).

Students who were identified as being on Academic Suspension status, prior to Fall 2006, will not be required to participate in the academic suspension contract process. However, once the returning student is enrolled in courses, the Suspension Contract regulations will be in effect if it is determined that he/she is on Academic Suspension at the end of the semester term.

Appeals associated with the Suspension Contract document or exceptions pertaining to student advisor recommendations will need to be addressed, in writing, to the Advising Center Director. The Advising Center Director or designee will conduct the appeal process and shall provide a final decision to the appellant. For more detailed information regarding the Suspension Contract conditions and procedures, contact the Advising Center [advising@csi.edu](mailto:advising@csi.edu) (208) 732-6250.

### Academic Renewal

The College of Southern Idaho recognizes that conditions are not always ideal for students when they attempt to pursue a college education. In an effort to encourage students who have done poorly in the past but are doing well in the present, CSI will allow a student to petition the Director of Admissions and Records for Academic Renewal. It is not the intent of this policy to allow students with grades of 'C' or better to raise their GPA through the Academic Renewal process. The student must submit an Academic Renewal form to the Office of the Registrar to have all course work disregarded for a specific term for the computation of total credits, the computation of cumulative grade point average, and the completion of graduation requirements for the student's academic record; but the course work will still appear on the student's transcript with the actual grade given.

Eligibility for Academic Renewal is subject to the following conditions:

- Only a term containing at least one grade of 'D' or 'F' may be considered for Academic Renewal.
- One (1) calendar year must have elapsed since the end of the term for which the student is applying Academic Renewal.
- The student must have earned credits in at least 12 graded credits at CSI (pass/fail credits do not count) within no more than the next four terms enrolled.
- The student must have earned a grade point average of 2.5 or higher in each of the subsequent terms referenced above.

Academic Renewal may be granted only once during a student's academic career at the College of Southern Idaho and may be applied to a single term.

**NOTE:** Not all transfer institutions recognize Academic Renewal. Some honor it, and others ignore it and record the actual grade. Student Financial Aid does not recognize Academic Renewal in calculating completion rate or maximum credit.

### Graduation

**Students must apply for graduation online at [www.csi.edu/graduation](http://www.csi.edu/graduation).** Students must apply for graduation whether or not they are planning to participate in the commencement ceremony in May. Although applications for graduation are accepted throughout the year, in order to be included in the commencement program, students must apply for graduation prior to the deadline published each year. The degree will only be conferred and the diploma will only be issued if all graduation requirements have been met.

Transfer students must complete their final 15 credits or they must complete a total of 50 credits at CSI.

Whether transferring to a four-year school or entering the workforce upon graduation, **it is very important to apply for graduation.** An associate degree or technical certificate can help students further their education and their careers.

### Catalog Rights For Graduation

The College of Southern Idaho issues a new catalog for every academic year (fall, spring, and summer consecutive semesters). Students seeking to earn a degree or certificate from CSI must satisfy program graduation requirements, which may change from one catalog to the next. Students are responsible for remaining informed about these changes.

CSI evaluates students' degree and/or certificate completion based on the graduation requirements stipulated in the catalog at the time the student matriculates or enters the major.

Students who have enrolled in credit classes at CSI for at least one term per academic year will be considered "continuously enrolled" and may remain in the catalog they matriculated in. Continuously enrolled students also have the option of meeting the graduation requirements stated in the catalog in effect under a more current year. Changing the catalog year is done by submitting a formal request to the Office of the Registrar.

Students who lose continuous enrollment status are considered "returning students" and are subject to graduation requirements outlined in the catalog in effect at the time of re-enrollment in a declared major as a degree-seeking student.

**If while enrolled at CSI, a student changes or declares a new major, he/she will be held to the requirements outlined in the catalog in effect at the time of the change.** Students will need to complete a Change of Major form in MyCSI if they desire to change majors. CSI recognizes only one declared major; however, students may earn two or more degrees and/or certificates simultaneously, provided students satisfy catalog requirements.

All requirements for graduation outlined in the applicable catalog must be met before the degree or certificate is awarded. Students need to follow the catalog in its entirety - they may not elect to follow different catalogs for their general education requirements and for their major program requirements.

Catalog rights do not exempt students from changes in course prerequisites. Students must follow prerequisites stated in the course descriptions in the current catalog. If the addition of course prerequisites increased the total number of credits required for the degree, students are encouraged to meet current course prerequisites, but are not required to do so.

Students planning to transfer to a four-year institution are advised to review that institution's catalog for catalog rights established for students transferring in from other colleges.

CSI reserves the right to, at anytime and without advance notice to, withdraw or cancel courses and programs, change course program offerings and prerequisite coursework, change admission and registration requirements, and alter other regulations which could affect matriculated (degree-seeking) students at the time of graduation.

### TUITION AND FEES

Tuition is set by the Board of Trustees each year.

#### Full Semester Credit Courses - Fall and Spring

Students are responsible to pay for all courses in which they are enrolled and are required to pay for these courses unless they drop the courses by the first Friday of the semester. Due dates for each semester may be found at [csi.edu/tuition](http://csi.edu/tuition). Students who do not pay by the deadline will be assessed a **\$75.00 late fee**. In addition, if the account is not paid in full or a Tuition Loan Agreement is not completed by the second Thursday of



the regular term, the student will be dropped for non-payment. Students dropped for non-payment **must submit an appeal request** to re-enroll in full-semester classes. However, the student may still enroll in available late start classes (payment will be due at the time of registration).

Charges for auditing a course are same as taking the course for credit.

**Full Semester Credit Courses - Summer**

Students are responsible to pay for all courses in which they are enrolled and are required to pay for these courses unless they drop the courses by the first Friday of the semester. Due dates for each semester may be found at [csi.edu/tuition](http://csi.edu/tuition). Students who do not pay by the deadline will be assessed a **\$75.00 late fee**. In addition, if the account is not paid in full or a Tuition Loan Agreement is not completed by the second Thursday of the regular term, the student will be dropped for non-payment. Students dropped for non-payment **must submit an appeal request** to re-enroll in full-semester classes. However, the student may still enroll in available late start classes (payment will be due at the time of registration).

**Interession, Early Start, Late Start, Community Education and Non-Credit courses**

Tuition and fees for Early Start, Late Start, Community Education and Non-Credit courses are to be paid at the time of registration regardless of when the class starts. Students who have not paid in full or do not have a Tuition Loan Agreement on file may be withdrawn without notice. Late fees will apply. Students dropped for non-payment **must submit an appeal request** to re-enroll in full-semester classes. However, the student may still enroll in available late start classes (payment will be due at the time of registration).

The College does not extend credit to individual students for the purchase of books, supplies, or other costs incidental to student attendance at the College.

Students receiving Federal Financial Aid that have a credit balance two weeks prior to the first day of the semester can charge their books against their financial aid.

**Tuition and Fee Schedule**

Fall & Spring Semesters				
In-District Idaho Residents	Out-of-District Idaho Residents	In-District Dual Credit at High School	Out-of-District Dual Credit at High School	Out-of-State & Foreign
\$120 per credit	In-district (\$120 per credit) plus \$50 per credit (up to \$500 per Semester)	\$65 per credit	In-district (\$65 per credit) plus \$50 per Credit (up to \$500 per Semester)	\$280 per credit

Summer Semester				
In-District Idaho Residents	Out-of-District Idaho Residents	In-District Dual Credit at High School	Out-of-District Dual Credit at High School	Out-of-State & Foreign
\$120 per credit	\$120 per credit	\$120 per credit	\$120 per credit	\$120 per credit

**In-District**

District residency is based on county residency. The College of Southern Idaho community college district comprises Twin Falls County and Jerome County. Legal residents of Idaho counties with community college districts (Twin Falls, Jerome, Ada, Canyon, and Kootenai counties) are considered in-district residents for tuition and fee purposes.

**Out-of-District**

Students whose permanent residence is in Idaho but outside of Jerome, Twin Falls, Ada, Canyon, and Kootenai counties are charged out-of-district fees of \$50 per credit up to \$500 per semester in addition to in-district tuition and fees. Idaho counties without a community college district pay the student's out of-district fees not to exceed five hundred dollars (\$500) each semester for a two (2) semester year for a full-time student, up to a maximum of three thousand dollars (\$3,000) lifetime liability, provided the student completes and submits to the CSI Business Office the Certificate of Residency form at the time of registration and residency can be verified by the county of residence. If residency is not verified by the county, the student is responsible for paying in-district tuition and fees and the balance, if any, of the out-of-district fees above the maximum liability of the county of his/her residence. **If verification is not received from the student's county of residence the student is responsible for out-of-district tuition and fees.**

Out-of-district students must submit a Certificate of Residency form once every academic year, at the time of registration, to the CSI Business Office. Certificate of Residency forms are available online, in the Taylor Matrix and your county commissioner's office. The College submits the forms to the student's county of legal residence for approval. If the student's county is unable to verify the student's legal residency and does not pay the amount billed, the student will then will be billed the out-of-district portion of tuition. Important: If a student fails to submit a Certificate of Residency form, a hold will be placed on his/her account and will stay there until the student submits a completed Certificate of Residency form directly to his/her county of residence and once the form is approved, submits the approved form to the CSI Business Office; or the student pays the out-of-district fees due.

**Note:** Out-of-district fees are billed directly to the county. Students will not be billed for this portion unless CSI has not received an approved Certificate of Residency from the student's county of residence.

**RESIDENT STATUS FOR TUITION PURPOSES**

Residency determination for tuition purposes is governed by rules and regulations adopted by the College of Southern Idaho Board of Trustees and Idaho Code § 33-2110, § 33-2110A and § 33-2110B. The College of Southern Idaho will provide a waiver of nonresident tuition and fees to students who can prove to the institution that they meet the eligibility criteria set forth under Section 3679(c) of Title 38, United States Code.

Based on information provided by the applicant in the application for admission, the Admissions Office makes an initial determination concerning the student's residency status for tuition purposes (e.g. Idaho/out-of-state, in-district/out-of-district). If residency information is missing or incomplete the student status will default to non-resident, and the tuition will default to out-of-state.

The student's residency status remains unchanged unless the student submits a Residency Redetermination form with the required documentation to the Admissions & Records on or before the end of the late registration period (first Friday of the term), and a redetermination is made based on the evidence supplied. Qualifications for residency must be met prior to the opening day of the semester for which reclassification is sought.

In general, a student enrolling into the College of Southern Idaho shall not be deemed a resident of the community college district, or of a county, or of the State of Idaho, unless the student established domicile primarily for purposes other than education within said district, county, or the State, for at least twelve (12) months continuously prior to the beginning of the term for which the student enrolls.

Once a student is determined to be a **resident of the State of Idaho**, a further determination is made on **district residency**. District residency is based on county residency. The College of Southern Idaho community college district comprises Jerome County and Twin Falls County.

### State of Idaho Residency and District Residency

Students who enroll at the College of Southern Idaho may qualify for Idaho and/or district residency, respectively, for tuition purposes under one or more of the following criteria (documented proof may be required):

- a. Student who domiciled in the State of Idaho/district primarily for purposes other than education for at least twelve (12) months continuously next preceding the opening day of the term for which the student matriculates at the College of Southern Idaho and who receives less than fifty percent (50%) of his/her support from a parent, parents or legal guardians who are not Idaho/district residents for voting purposes.
- b. Student who has domiciled in Idaho/ district, who has qualified or would otherwise be qualified under the provisions of this policy, and who is away from Idaho/district for a period of less than one (1) calendar year and has not established legal residence elsewhere provided a twelve (12) month period of continuous residence has been established immediately prior to departure.
- c. Student whose parent, parents or court-appointed guardians are domiciled in Idaho/ district for at least twelve (12) months continuously next preceding the opening day of the term for which the student matriculates and provide more than fifty percent (50%) of the student's support.
- d. Student whose spouse is classified, or is eligible for classification, as a resident of Idaho/ district for tuition purposes.
- e. Student who is a member of the United States Armed Forces, stationed in Idaho/ district on military orders.
- f. Student who is an officer or enlisted member of the Idaho National Guard.
- g. Student whose parent, parents or legal guardians are members of the United States Armed Forces and stationed in Idaho/ district on military orders and who receives fifty percent (50%) or more of support from parents or legal guardians. The student, while in continuous attendance, shall not lose his/her residency status when his/her parents are transferred on military orders.
- h. Student who separated, under honorable conditions, from the United States Armed Forces after at least two (2) years of active service, who at the time of separation designates Idaho/ district as his/her intended domicile or who has Idaho/ district as the home of record in service and enters CSI within one (1) year of the date of separation.

### Definitions:

- **Domiciled** means an individual's true, fixed and permanent home and place of habitation. It is the place where the student intends to remain, and to which he/she expects to return when he/she leaves without intending to establish a new domicile elsewhere.
- **Continuously resided** means physical presence in the state of Idaho for twelve (12) consecutive months without being absent from Idaho no more than a total of thirty (30) days during the twelve (12) months. Absence from the state for normal vacations, family travel, work assignments, short-term military training, and similar occasions totaling not more than thirty (30) days during the twelve (12) month qualifying period, in and of itself, will not be regarded as negating the continuous residence of the individual.
- **Support** means financial support given to the student during the twelve (12) months preceding the opening date of the term for which resident status is requested. Any student who receives fifty percent (50%) or more of his/her support may demonstrate this by showing that he/she is claimed as a dependent by a parent or legal guardian for income tax purposes or that a parent or legal guardian provides fifty percent (50%) or more of the cost of attending an institution according to the CSI Financial Aid Office or that other similar evidence exists of parental support.
- **Primarily educational purposes** means a student enrolled for more than six (6) credit hours in any semester during the past twelve (12) month period.
- **Armed Forces** mean United States Army, Navy, Air Force, Marine Corps, and Coast Guard; it does not include National Guard from states other than Idaho and other reserve forces.

The College reserves the right to audit students at any time with regard to eligibility for Idaho/district resident status and to reclassify students who are registered under an improper classification. Idaho/district residency classification or reclassification based upon materially erroneous, false or misleading statements or omissions by or in support of the applicant shall be set aside retroactively upon the discovery of the erroneous nature of such statements. Any student having paid less than required to the College because of an erroneous classification or reclassification which is subsequently set aside, will repay any and all amounts not properly paid because of the erroneous classification or reclassification. If a student concealed information or furnished false or misleading information and was classified incorrectly as a result, he or she will also be subject to appropriate disciplinary and/or legal action. It shall be the responsibility of the student to notify the Office of the Registrar of possible changes in residency and to furnish all requested documentation in a timely fashion. Students may request a review of their residency status by submitting the **Residency Re-Determination** form and all required documentation to the Office of the Registrar on or before the end of the late registration period (first Friday of the term). The student shall describe in detail the reasons why the original residency determination is believed to be erroneous. The burden of proof in requesting a change in resident status rests with the student. Within thirty (30) days following the receipt of the student's written request to appeal the decision, the Director of Admissions and Records shall issue a determination and notify the student in writing. Students are responsible for paying the tuition and fees owed on their accounts by the established due date. Resident tuition rates shall be effective for the semester in which a student is reclassified to resident status. If residency (Idaho and/or district) is granted after payment was received, the difference will be refunded within a reasonable time to the student (a **Request for Refund** form must be filled out and submitted to the Business Office).

If the student is not satisfied with the determination of the Director of Admissions and Records, he/she can appeal to the Vice President of Student Services. All appeals must be submitted (or postmarked), in writing and accompanied by all required documentation, within ten (10)

calendar days after the date of notification of residency decision that is being appealed. Failure to comply shall constitute a waiver of all claims to reclassification for the applicable term.

### Waiver of Out-of-State Tuition or Western Undergraduate Exchange (WUE)

Waiver of out-of-state tuition is a state and college sponsored form of financial assistance which waives a portion of the out-of-state tuition for a limited number of students who are not residents of the State of Idaho. Students need to be aware that the time accrued while receiving the waiver will NOT contribute toward the length of time required for residency.

The **Western Undergraduate Exchange (WUE)** is a program of the Western Interstate Commission for Higher Education (WICHE). Students who are residents of WICHE states may enroll at participating two- and four-year college programs *outside of their home state* at a reduced tuition rate. WICHE states include: Alaska, Arizona, California, Colorado, Hawaii, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, and Wyoming. Residents of the Pacific Island U.S. Territories, including American Samoa, Northern Marianas, and Guam, and free-standing states including the Marshall Islands, Federated States of Micronesia, and Palau, may also be eligible for the WUE program.

To be eligible for these programs, a student must be considered a non-resident for tuition purposes, enroll as a student at the College of Southern Idaho, be degree-seeking in eligible courses, and complete an application for out-of-state tuition waiver. The completed application must be returned to the CSI Student Financial Aid Office. The deadline for fall semester consideration is August 15. The deadline for spring consideration is December 15. Out-of-state tuition waiver awards will be made based on the number of credits the student is enrolled in at 11:59 p.m. on the first Friday of a regular semester. If an application is submitted and the student's enrollment plan changes, the student must notify the CSI Financial Aid Office. Funds are limited and are awarded at a first come first serve basis. Grades will be evaluated each semester with a 2.5 semester GPA required for continuation of the award. Students outside the Western Undergraduate Exchange states should fill out the tuition waiver application form and submit it to the Financial Aid Office for waiver consideration.

### Payment of Tuition and Fees

Students can pay their tuition and fees, room and board and other applicable charges online through **MyCSI** ([mycsi.csi.edu](http://mycsi.csi.edu)) using a credit card, debit card, or checking account (e-check).

Students can also pay in person in the Matrix (Taylor building) or at the off-campus centers.

Students are responsible for knowing the due dates and paying by the due date. In order to avoid long lines or any unforeseen complications, students should not wait until the last minute to pay.

**Financial Aid awards are automatically applied towards tuition and fees, room and board.**

### Tuition Loan Agreements

Students enrolled in credit courses who cannot pay their tuition and fees in full by the due date (end of late registration, first Friday of the term) may get an extension on their tuition due date by completing a Tuition Loan Agreement. A processing fee of \$50 and  $\frac{1}{4}$  of the account balance must be paid at the time the Tuition Loan Agreement is signed. The original loan agreement must be signed by the student in person and then payments made according to the schedule on the Tuition Loan Agreement. Tuition Loan Agreements may also be done in the summer semester. Due to the shortened length,  $\frac{1}{2}$  tuition plus the \$50 processing fee will be required at the time of signing. The final payment will be due

the 5th week of the semester. The payment schedule will be listed on the Tuition Loan Agreement and all payments must be made by the specified due date(s). There is no grace period. Any funds coming into the college whether it is financial aid, work-study, family contributions, or outside scholarships will first be applied to the student account against tuition, fees, room and board.

**Students may not register for a future term until their accounts are paid in full.**

### Late Fees

The minimum late fee is \$75.

### Returned or Non-Sufficient Funds (NSF) Check Fee

**Returned or NSF Check fee:** a \$20.00 non-refundable fee will be assessed for any returned or non-sufficient funds checks, including stop payments, regardless of the amount of the check or the reason it was returned. A hold may be placed on students' accounts or check writing privileges may be suspended if multiple checks are returned. CSI is not responsible for any fees the student's bank charges as a result of writing checks against funds not on deposit at the bank.

### Drop for Nonpayment

Students who have not paid all their tuition and fees or have not completed a Tuition Loan Agreement by the due date, will be dropped from all courses without notice.

Students dropped for non-payment **must submit an enrollment appeal request to the Office of the Registrar to be re-enrolled.** However, the student may still enroll in available late start classes (payment will be due at the time of registration).

### Delinquent Accounts

Any amount owed to the College and its affiliated entities including, but not limited to, tuition, fees, room, board, returned check fees, late fees, and amounts due for goods and services provided is considered a receivable to the College. A receivable becomes past due if payment is not received by the payment due date.

The CSI Business Office will place a financial hold on your account if it is past due. A financial hold prevents future registration, add/drop of classes, receipt of official transcripts and diplomas, and other College services.

**The college reserves the right to turn collectibles over to a collection agency for collection, report delinquent accounts to Credit Bureaus, and assess collection costs.**

**Pre-Collection Fee** – a \$20.00 non-refundable processing fee will be assessed on delinquent accounts.

**Collection Fee** – Accounts sent to collection are assessed up to a 33% fee on unpaid debt, in accordance with Idaho Code.

### Refunds

The following refund policy applies only to students who withdraw from full semester credit courses: when a student drops courses by the first Friday of the Fall and Spring terms, or by the end of registration for a Summer term, they will be given a 100% refund. Students who drop Intercession, non-credit or late start courses will be refunded 100% if the course is dropped prior to the first day of class. If a student has been issued a bank issued disbursement card, refunds will be processed through this card. Students who lose or destroy their cards will be charged a replacement fee of up to \$20. This may delay the student's refund up to two weeks.



**NOTE:** Application for refund must be in writing and filed with the Business Office within 10 days after the date of withdrawal. Unless there is financial aid involved, the refund check will be processed in approximately 10 days.

### Eligibility for Payment from Federal or State Agencies, Loans, Grants, or Scholarships

Students who plan to attend CSI under a program provided by federal or state agencies must submit satisfactory evidence of eligibility for admittance under such a program at the time of enrollment. This may be accomplished by submitting official authorization from the agency at the time of enrollment or by direct advice in writing to the college from said agency prior to enrollment.

Veterans' benefits are payable to the individual recipient. Therefore, evidence of this eligibility cannot be accepted in lieu of cash.

Evidence of approved scholarships, grants, and loans from CSI administered funds will be accepted in lieu of cash.

**NOTE:** In all instances, arrangements regarding any of the above must be made in writing prior to enrollment.

## FINANCIAL AID & SCHOLARSHIPS

The concept behind most financial aid programs is that the **student** and his/her parent(s) and/or spouse, have the primary obligation to pay for the student's education. The student is expected to use his/her own savings and accept employment to assist in meeting his/her educational expenses. The amount of financial aid a student may receive is mostly based on the extent of his/her **financial need**. Need is determined by an examination of the financial resources of the student and his/her family. In addition to need-based financial aid, CSI also offers some merit-based scholarships to eligible students. **Please note: The content in the Financial Aid & Scholarships section of the catalog is subject to change based on federal, state, and school regulations and policies.**

### Financial Aid and Scholarship Application Process

Students applying for federal financial aid must:

- Be admitted to CSI with a high school diploma or its equivalent and be enrolled in an eligible degree-seeking program.
- Fill out the FAFSA application at [www.fafsa.gov](http://www.fafsa.gov), making sure to enter CSI's school code – 001619.
- Check for other required documents in Net Partner at [www.netpartner.csi.edu](http://www.netpartner.csi.edu). Students use this portal to track their progress in the financial aid application process and accept/reduce/decline their awards. Important: the CSI Financial Aid and Scholarship Office no longer mails hard copy letters or notifications. Students are expected to log in to Net Partner and check their email often.
- Submit all required documents and forms to the CSI Financial Aid Office.
- Meet all other eligibility requirements (listed at <http://www.csi.edu/financialAid/#eligibility>).

Students applying for a scholarship at CSI must:

- Be admitted to CSI with a high school diploma or its equivalent.
- Fill out the scholarship application located under the Money Matters tab at <https://mycsi.csi.edu>.
- Eligibility requirements are available at <http://scholarships.csi.edu/>.

Applications for FAFSA are considered on a financial need basis; scholarships in general are based on merit.

Early FAFSA applications (submitted between January 1st and March 1st) receive priority consideration. Students are encouraged to apply early and submit all required documentation promptly.

### Priority Processing Dates

- Fall 2015 Semester – July 20, 2015
- Spring 2016 Semester – December 7, 2015
- Summer 2016 Semester – May 2, 2016

Students must complete the FAFSA AND submit all required documents in order for financial aid funding to be available for the first scheduled disbursement date each semester.

**The scholarship priority deadline for the 2015-2016 school year is March 1st. However, students can still apply after this date to be considered for second round awarding.**

### Special Circumstances

Sometimes the application process does not reflect a family's current situation due to special circumstances such as death, divorce or separation, disability, high medical expenses, reduction of income or loss of employment, etc. If you experience any of the above situations, you should consult with a financial aid advisor.

### Types of Financial Aid

The College of Southern Idaho offers five types of financial aid: grants, loans, scholarships, waivers/reimbursements of tuition, and work-study. When a student submits the FAFSA, he/she will be considered for all types of federal financial aid for which he/she is eligible. Students who wish to apply for scholarships must also fill out the CSI scholarship application online at <https://mycsi.csi.edu/ics>. Students applying for tuition waiver must complete the tuition waiver form. Students have the opportunity to accept or reject the aid offered.

### Grants

A **Federal Pell Grant** does not have to be repaid, except under certain circumstances, for example, when students fail to establish eligibility by attending all their classes, drop or withdraw early from their classes, or fail all their classes.

To determine if you're eligible financially, the U.S. Department of Education uses a standard formula, established by Congress to evaluate the information you report when you apply. The formula produces an Expected Family Contribution (EFC) number. Your Student Aid Report (SAR) contains this number.

A **Federal Supplemental Educational Opportunity Grant (FSEOG)** is additional funding available to students with high need. This grant is usually given in addition to a Federal Pell Grant and also does not have to be repaid. It is typically awarded to students who apply for financial aid by the March 1 priority processing date.

### Loans

The College of Southern Idaho participates in the Federal Direct Loan Program. For detailed information on this program visit [studentloans.gov](http://studentloans.gov). Loans are funds awarded that will help you pay for educational expenses when you are attending school at least half-time (6 or more credits). This aid must be paid back with interest and, in addition, origination fees will be charged on all student loans by loan servicers. Please note the following about loans issued at CSI:

- Repayment begins six months after graduation, withdrawal from college, or enrollment at less than half-time.
- All loans are disbursed in two equal installments, usually one in the fall and one in the spring. When loans are awarded in one semester only, the loan must be disbursed in two equal installments with the second installment coming at the midpoint of the semester.

- First time borrowers at CSI are required to complete entrance counseling and a Master Promissory Note before the loan can be released.
- If you are a first year, first time borrower, CSI is required to hold your first student loan disbursement for 30 days. The 30-day count begins on the first day of the semester. This is a one-time hold and will not apply in subsequent semesters.
- You must be maintaining Satisfactory Academic Progress (SAP) to continue to receive your Federal Student Aid. It is the student's responsibility to read and to know the Satisfactory Academic Progress policy.
- Visit the National Student Loan Data System (NSLDS) to access and track Federal Student Aid, including student loans at <http://nsls.ed.gov>.

**Subsidized Loans** are need-based loans that do not accrue interest or require monthly payments while a student is enrolled in at least 6 credit hours. Interest is applied to the loan at any time a student is not enrolled in at least 6 credit hours. The amount a student may receive depends on remaining financial need, a student's cost of attendance (as determined by the college), number of completed credit hours, and annual limits.

**Unsubsidized Loans** are not need-based loans. Interest does accrue while students are enrolled in school, but the loan does not require monthly payments while a student is enrolled in at least 6 credit hours. The amount a student may receive depends on a student's cost of attendance (as determined by the college) minus the student's other financial assistance.

**Parent Loans for Undergraduate Students (PLUS)** are loans available to the parent of a dependent student enrolled in at least 6 credits. The interest rate varies. This loan is not need-based and subject to limits. It may never exceed the student's cost of attendance (as determined by the college) minus the student's other financial assistance. Repayment of this loan and interest accrual begins 60 days after the loan is disbursed.

Students must apply for all three loan types using the FAFSA. If a student is interested in receiving an alternative loan, the student must apply for FAFSA and accept all loan eligibility through the **Federal Direct Loan Program** first.

### Work-Study

The work-study program can provide part-time job opportunities for students who have demonstrated financial need and who are enrolled at least half-time. Most students work 10 hours a week, although some do more or less.

Students must apply for available positions and must meet qualifications for the position. Eligibility for work-study does not guarantee a particular position.

### Financial Aid Disbursements/Refunds

Students whose financial aid award is large enough to cover tuition, books and supplies will be able to charge against their financial aid award at the CSI bookstore. The same is true for CSI housing, food service, and CSI Child Care Center. Students with large enough financial aid awards can start charging against their accounts the week before schools starts.

With the student's permission, CSI can apply excess federal financial aid funds (amount left over after paying tuition/fees and room/board) toward other educationally related charges. These charges may include: traffic/parking fines, child care fees, library fines, late fees, and returned check charges, etc. Students can fill out an Authorization for the Deduction of Miscellaneous Charges form to have miscellaneous charges deducted from their federal financial aid.

Credit balances/refunds are disbursed to the student through a bank issued disbursement card. This card will be mailed to every degree-seeking student who is enrolled in at least a credit course at CSI. Cards are mailed just before the semester begins.

**DO NOT** throw your card away! A replacement card can cost you up to \$20. You will need the card to select your refund preferences; you may also need your card at a later date. As soon as you receive the card you need to select a refund preference at [www.CSIEagleOneCard.com](http://www.CSIEagleOneCard.com).

Students have three options for refunds after opening their Higher One account:

- Refund directly to your card
- Have your refund deposited/transferred to your current bank account (ACH)
- Have a paper check mailed to you

For additional information on financial and scholarship disbursements or refunds, visit the financial aid website at [www.csi.edu/FinancialAid](http://www.csi.edu/FinancialAid).

### Maintaining Eligibility

Students must prove they began attending classes in order to be eligible for financial aid funds. Attendance is verified by instructors.

The amount of federal grants a student receives is prorated depending on the number of credit hours for which a student is enrolled: 12+ credits is considered full time enrollment; 9-11 credits is considered three quarter time; 6-8 credits is considered half time; and 5 credit hours or less is considered less than half time. Students may add and/or drop classes until the first Friday of a regular semester. After this point, their Pell grant award is locked and no further adjustments will be made in regards to a change in student enrollment.

### Standards of Satisfactory Academic Progress (SAP)

All degree/certificate seeking students who have completed the college admission requirements and have been granted admission to the College of Southern Idaho must meet the following **Standards of Satisfactory Academic Progress (SAP)** in order to establish and maintain eligibility for federal financial aid and certain scholarships. The standards of Satisfactory Academic Progress are monitored and enforced in all periods of enrollment, *regardless of whether the student received financial aid in the past*.

#### GPA Requirement

**Students must maintain a minimum cumulative GPA of 2.00** (as computed using a 4.00 scale). This does not include transfer credits.

**Please Note:** *Some financial aid and scholarship awards have higher GPA requirements.*

#### Pace of Completion

Students must progress toward completion of their declared degree/certificate while maintaining a **minimum 67% completion rate**. The completion rate is calculated by dividing the cumulative number of credit hours a student has successfully completed by the cumulative number of credit hours a student has attempted. Remedial courses (classes with course numbers below 100) are excluded from the completion rate calculation.

#### Appeal Process

Students who fail to meet the minimum GPA and/or Pace of Completion requirements as a result of extenuating circumstances may appeal. The appeal process is described on the CSI Financial Aid Office website.

Students who did not experience extenuating circumstances or whose appeals are denied must attend at their own expense or find another method of payment until they are back in compliance with SAP standards.

#### Maximum Timeframe Requirement

Students must be able to complete their declared degree/certificate program within 150% of the published number of credit hours required to complete the program. For example, if the published length of an Associate of Arts degree is 64 credit hours; students must be able to complete their degree within 96 attempted credit hours. If students attended another college, the courses they took at that college will be considered in the evaluation of their progress.

**Please Note:** *If a SAP review makes it clear that a student cannot mathematically finish his/her declared degree/certificate program within the maximum time frame, the student is placed on "Suspension."*

For more information on **Standards of Satisfactory Academic Progress (SAP)** policy and procedures, please visit [www.csi.edu/SAP](http://www.csi.edu/SAP).

## \$ALT

Take control of your student loan debt and personal finances by signing up for a free account on [saltmoney.org/CSI](http://saltmoney.org/CSI). CSI has partnered with this non-profit organization to offer students and alumni free access to financial literacy lessons and tools. \$ALT offers assistance with:

- Student loan management
- Scholarship searches
- Finding internships
- Loan counseling
- Budgeting
- Repayment calculators

## Withdrawing From Classes

Withdrawing from classes may result in changes to financial aid eligibility and award amounts. Students should speak with a financial aid advisor before withdrawing from classes. For instructions on how to withdraw see the registration section of the catalog.

### Return to Title IV Funds

**Federal regulations outline refund procedures for students who do not complete the semester.**

**Withdrawal Date** -- if a student enrolls in classes but decides not to continue attending classes at CSI, they must complete an official withdrawal from classes immediately.

**Repayment Obligations** -- if students receive Federal financial aid and do not attend classes, they need to repay all Federal financial aid for which they did not establish eligibility. If a student attends classes, CSI will calculate repayment based on their withdrawal date or last date of attendance, the type and amount of federal financial aid they received, and the institutional charges on their account.

**Refund Amounts** -- regulations provide for calculation of the amount CSI must return to Title IV programs. The student may need to repay CSI for amounts the college is required to return to federal financial aid programs. This amount may be in excess of the amount that the student owes to the federal programs. The portion of the CSI refund that is greater than what must be returned to scholarships or the U.S. Department of Education will be given to the student.

## Returning Financial Aid

Students have the right to cancel all or a portion of their student loan(s) disbursed to them within 14 days after the disbursement date. They must return the funds within 10 days of disbursement to allow for the processing of the loan return. If you receive a check, DO NOT void it. Please deposit the money and pay CSI the amount you wish to cancel.

## Scholarships

Scholarships are awards granted mainly on the basis of academic performance. However, some awards are based on financial need, leadership, and/or ability. The college awards over \$1 million annually in scholarships through the CSI Foundation. Students receive priority awarding by applying by the March 1st deadline. Applications received after March 1st are considered based on available funding.

New students who apply for scholarships must submit their final official high school transcripts; students transferring from other colleges or universities must submit official transcripts from the college(s) they attended. Current CSI students applying for scholarships do not need to submit copies of their CSI transcripts. CSI has one general application used in awarding CSI Presidential and over 200 Foundation scholarships. The general application is located under the Money Matters tab at <http://mycsi.edu>. Additional Scholarship opportunities are available online at [scholarships.csi.edu](http://scholarships.csi.edu) or by contacting the scholarship coordinator.

### Scholarship Office

College of Southern Idaho

PO Box 1238

Twin Falls, ID 83303-1238

Phone: (208) 732-6227

[scholarships.csi.edu](http://scholarships.csi.edu)

## CSI Consortium Agreements

The College of Southern Idaho, Boise State University, Idaho State University, University of Idaho, College of Western Idaho, Lewis Clark State College, and Eastern Idaho Technical College have consortium agreements where students may be considered for financial aid if they are taking a combination of courses between CSI, BSU, ISU, U of I, CWI, LSCS, and EITC. Contact your academic advisor or the CSI Financial Aid Office for details. Visit [www.csi.edu/financialAid/forms](http://www.csi.edu/financialAid/forms) to print out the appropriate consortium agreement.

## STUDENT CODE OF CONDUCT

The College of Southern Idaho promotes behavioral standards that create a positive environment in which students can learn, work, and live. The Student Code of Conduct is intended to help create and preserve this positive environment in support of the institution's mission, educational philosophy, purposes, and functions; to foster students' educational and civic development; and to protect the people, properties, systems, and processes that support the College.

Attending college is optional and voluntary. Students voluntarily assume obligations of performance and behavior established by the College. At the College of Southern Idaho, student members of the College community are expected to uphold and abide by certain standards of conduct that form the basis of the Student Code of Conduct. These standards are embodied within a set of core values that include integrity, fairness, respect, community, and responsibility. The College reserves the right to take necessary and appropriate action to protect the safety and well-being of the College community and maintain order and discipline on College property. Each member of the College community is expected to assume responsibility for his/her conduct and to assume reasonable responsibility for the behavior of others. The College does not assume parental responsibility for the conduct of its students. Membership in the College community does not provide immunity from the laws and standards of local, state or federal jurisdictions.

All students of the College have certain responsibilities and obligations to the institution and to members of the College community. Student responsibilities and obligations include:

- a. The responsibility to be fully acquainted and comply with all published College policies and procedures.



- b. The obligation to comply with state, federal, and local laws and regulations.
- c. The responsibility for assuming the consequences of one's own actions and reasonable responsibility for the behavior of others.
- d. The responsibility to recognize that their actions reflect upon the entire College community.
- e. The obligation to respect the rights and property of others, including other students, faculty, staff, administration, and the College. The obligation to refrain from conduct that violates or adversely affects the rights of other members of the College community and/or the institution.
- f. The responsibility to provide proper identification upon request from College officials.
- g. The responsibility to cooperate with College officials in the performance of their duties.
- h. The responsibility to ensure that the conduct of persons who come to visit them at the College complies with the rules and regulations of the College.

All CSI students are responsible for having read and abiding by the provisions of the Student Code of Conduct. Students can access the complete Student Code of Conduct online at [www.csi.edu/StudentHandbook](http://www.csi.edu/StudentHandbook)

The Code includes the rules, regulations, policies, procedures, sanctions, appeals, and emergency actions that can be taken for violations of the Code.

## ACADEMIC INTEGRITY

The College values its mission as an educational institution. CSI students, faculty, staff, and administration are expected to be honest in all aspects of their college education and employment. All student work is evaluated with the assumption that the work presented is the individual's own. All work submitted is to be a representation of an individual's own ideas, concepts, and understanding. Anything less is unacceptable and is subject to disciplinary action as outlined in the Student and Faculty Handbooks.

### Defined Acts of Academic Dishonesty

**Formal Definition of Academic Dishonesty:** Academic Dishonesty is any form of behavior which results in students giving or receiving unauthorized assistance in an academic exercise or receiving credit for work which is not their own.

1. Cheating—using or attempting to use unauthorized materials, information, or study aids in any academic exercise. The term academic exercise includes all forms of work submitted for credit or hours.
2. Fabrication—unauthorized falsification or invention of any information or citation in an academic exercise.
3. Plagiarism—the adoption or reproduction of ideas, words, or statements of another person as one's own without acknowledgment.
4. Unauthorized Collaboration—sharing information or working together in an academic exercise when such actions are not approved by the course faculty member.
5. Facilitating Academic Dishonesty—helping or attempting to help another to violate a provision of the institutional code of academic integrity.

(This list is not meant to be exhaustive of all acts of academic dishonesty, but is a guide to help faculty members and students understand what constitutes academic dishonesty.)

## Disciplinary Procedure

Please see the Academic Integrity Website for more information. <http://www.csi.edu/studentHandbook/academicIntegrity.asp>

## INTELLECTUAL PROPERTY

It is the intent of the College of Southern Idaho to adhere to the provisions of state and federal copyright laws and regulations. The College strictly prohibits the illegal use, reproduction, distribution, public display or performance of copyrighted materials in any form.

The **CSI Copyright and Intellectual Property Policy** addresses use of copyrighted materials (owned by others) by staff, faculty, and students.

For more information and to access the policy visit: <http://hr.csi.edu/handbook/procedures6.htm#CSICopyrightInformation>

## UNLAWFUL DISCRIMINATION AND HARASSMENT

It is the policy of the College of Southern Idaho to provide equal educational and employment opportunities, services, and benefits to students and employees without regard to age, race, color, national origin, sex, religion, and disability, in accordance with the Title VI and Title VII of the Civil Rights Act of 1964, as amended, Title IX of the Educational Amendment of 1972, Age Discrimination in Employment Act of 1967, Age Discrimination Act of 1975, Section 504 of the Rehabilitation Act of 1973, Americans with Disabilities Act (ADA) of 1990, and all other applicable state and federal non-discrimination statutes. Appropriate consideration shall be given to veterans in accordance with applicable state and federal laws and regulations. CSI prohibits all forms of retaliation for filing complaints of illegal discrimination or harassment.

**Eric Nielson**  
**Interim Compliance Officer**  
**Human Resources Director**  
**(208) 732-6267**  
**College of Southern Idaho**  
**315 Falls Avenue**  
**P.O. Box 1238**  
**Twin Falls, ID 83303-1238**

The College of Southern Idaho is committed to providing an environment free from unlawful discrimination and harassment. CSI takes complaints of illegal discrimination or harassment seriously and all complaints are investigated.

Students found to be participating in any form of unlawful discrimination, harassment, or retaliation against another student or College employee for filing a complaint or cooperating with an investigation shall be subject to disciplinary action up to and including expulsion from the College.

## DRUG-FREE AND ALCOHOL-FREE CAMPUS POLICY

The College of Southern Idaho recognizes the health risks and costs associated with the use of illicit drugs and the abuse of alcohol and is committed to providing a drug-free and alcohol-free educational environment which supports the mission of the College.

It is the policy of the College of Southern Idaho that the unlawful manufacture, distribution, dispensation, possession, use of a controlled substance, or the purchase, sale, possession, use, or consumption of alcohol is strictly prohibited on College premises and at all College-sponsored events and activities on and off campus.

Drug and alcohol policy violations may also constitute violations of laws and students are accountable to both the College and the appropriate law enforcement agency. State and federal laws also prohibit the use and/or possession of illegal drugs and drug paraphernalia.

## FIREARMS, EXPLOSIVES, AND WEAPONS

CSI reserves the right to notify the appropriate law enforcement agency when violation of the alcohol and drug policy is also a violation of law.

Under Idaho law, it is illegal for any person under 21 years of age to purchase or attempt to purchase or otherwise procure, possess, or consume beer, wine, or other alcoholic or intoxicating liquor. It is also illegal to sell, serve, give or furnish beer, wine, or other alcoholic or intoxicating liquor to a person under age specified above. It is also illegal for any underage person to falsify a driver's license or other identification document or for any person to permit his/her driver's license or any other identification document by and underage person to purchase alcoholic beverages. Local beverage ordinances, which conform closely to state law, also apply on College premises and are enforced by the appropriate law enforcement agency.

CSI's primary role in dealing with matters involving the use or potential use of drugs or alcohol by its students is that of prevention, counseling, and education.

More information about the Drug-Free and Alcohol-Free Campus Policy can be found online at [www.csi.edu/StudentHandbook](http://www.csi.edu/StudentHandbook).

## SMOKE-FREE CAMPUS POLICY

Smoking is prohibited on all college properties, including off-campus centers and any properties owned or leased by the College. For the purposes of this policy, smoking is defined as burning any type of tobacco product including, but not limited to, cigarettes, cigars, cigarillos, pipes, e-cigarettes, and bidis.

The following smoking prohibitions have been established on the CSI campus:

- Smoking is prohibited in all CSI-owned residences, including Eagle Hall.
- Smoking is prohibited in all CSI-owned or leased vehicles.
- The sale of tobacco products on campus is prohibited.
- The free distribution of tobacco products on campus is prohibited.
- Campus organizations are prohibited from accepting money or gifts from tobacco companies.
- Tobacco advertisements are prohibited in college-sponsored publications.

The full Smoke-Free Campus Policy can be found online on the CSI website.

## CAMPUS SECURITY

CSI works to maintain a safe environment for students. Campus security officers are available 24 hours a day (732-6605) to provide assistance and oversight of all campus events and functions. All crime reports are handled through Campus Security and the Twin Falls Police Department.

In accordance with statutory requirements of the Jeanne Clery Act, campus crime statistics and campus security policies are posted each year online and can be accessed through the CSI Security website at: [www.csi.edu/security](http://www.csi.edu/security).

All accidents and alleged criminal activity on College premises should be reported to Campus Security.

The possession and/or use of dangerous weapons is prohibited on CSI property or at CSI sponsored events by students, faculty, staff and visitors except for those persons authorized by state law or campus administration to carry concealed weapons and ammunition in authorized areas of the campus. It is strongly discouraged, however, for anyone to bring a firearm onto the CSI campus or to events even if permitted by law to do so. A complete description of the revised CSI Weapons Policy, with Questions & Answers, may be viewed on the CSI Security webpage at <http://www.csi.edu/security/weaponspolicy.pdf>. Violation of this policy may result in disciplinary action up to and including: expulsion for student offenses, termination for employee offenses and a trespass from the CSI campus for offenses committed by community members. Criminal violations will be referred to local law enforcement. Students or visitors arriving on campus with firearms in their possession may check them in at Campus Security and may retrieve them when leaving. Any exception to this policy must be approved by Campus Security. Possession and use of explosives (fireworks) on college premises is strictly prohibited. Occupants of off-campus housing are subject to city, county and state laws and ordinances governing the use of firearms and fireworks.

## MISSING STUDENT NOTIFICATION POLICY

In accordance with provisions of the HEOA, the College of Southern Idaho established a Missing Student Notification Policy covering students who live in CSI-owned on-campus housing and who, based on the facts and circumstances known at the time to CSI officials, are presumed or determined to be missing. The policy can be found online on the CSI website.

# STUDENT SERVICES



## ATHLETICS

Intercollegiate competition for men is provided in baseball, basketball, and rodeo. Intercollegiate competition for women is provided in basketball, rodeo, fast-pitch softball, and volleyball. The CSI athletics program is designed primarily for those who participated in high school athletics. However, other students may try out for the various teams.

The college teams are independent teams that adhere to the rules and regulations of the National Junior College Athletic Association (NJCAA). The rodeo team adheres to the rules and regulations of the National Intercollegiate Rodeo Association (NIRA).

## Cheerleading

The squad cheers at all the home volleyball and basketball games, as well as the away regional basketball tournament and national basketball tournament. All candidates must be full-time CSI students and maintain a minimum cumulative grade point average of 2.0.

## Dance Team

The College of Southern Idaho Golden Girls are the highlight performance at halftime of our home men's basketball games. The dance team travels to select away games and all post-season play.

All candidates must maintain a cumulative grade point average of at least 2.0 and be enrolled as a full-time CSI student.

## BOOKSTORE

The CSI Bookstore is located on the main floor of the Student Union Building (SUB). Students can buy or rent their books and course materials. Also available are laptop computers, tablets and technology accessories, software, CSI logo clothing and other gift items as well as other general office and school supplies.

The CSI Bookstore offers an online textbook ordering website that ships books to your home. It is available at [www.bookstore.csi.edu](http://www.bookstore.csi.edu).

**CSI Bookstore**  
College of Southern Idaho  
Phone: (208) 732-6550 or (208) 732-6551  
Email: [csibookstore@csi.edu](mailto:csibookstore@csi.edu)

## CAREER & COUNSELING SERVICES

The CSI Career & Counseling Services (CCS) offers career exploration and job search training for students and prospective students of the College of Southern Idaho. Counseling Services provides workshops and counseling for CSI students, and participates in campus programming for campus safety.

## Center For New Directions

The Center for New Directions (CND) provides specific programming for Technical Professional students who are single parents, displaced homemakers, or students seeking careers in areas not traditional for their gender. Resources for retention in training programs, completion of programs, and assistance with placement into employment are available.

## Career Exploration

We provide extensive career development services for students through free workshops and individual appointments. At no cost to users we offer online assessment and exploration tools.

## Job Search Preparation

Free workshops and coaching are available to help students prepare for the job seeking process through their time at CSI and beyond. Eagle Jobs is our free online job board, where you can look for off-campus jobs. Stop by the Career Center in the Taylor Building for helpful materials to help you build a resume, prepare for interviews and look for opportunities.

## Counseling

Short-term personal counseling is provided to assist students in coping with social/behavioral problems that may interfere with their educational progress. This may include identifying emotional and behavioral issues and associated distress, as well as establishing goals for healthy change, and to evaluate progress. In addition, consultation is provided to faculty and staff regarding concerns about student development, to enhance their knowledge and understanding of students' needs, and to assist them in meeting those specific needs.

**Career & Counseling Services**  
College of Southern Idaho  
PO Box 1238  
Twin Falls, ID 83303-1238  
Phone: (208) 732-6260  
Website: [careers.csi.edu/counseling](http://careers.csi.edu/counseling)



## CHALLENGE COURSE

The CSI Challenge Course is an exciting experiential educational program initially developed as a joint venture between the College of Southern Idaho and Magic Valley Regional Medical Center and is now solely operated by the College of Southern Idaho. The course is nestled in a park-like setting adjacent to the main campus. The course has 22 high and low permanent elements, including a 50' climbing wall, as well as many other activities.

Trained facilitators design a program to meet each group's specific goals while ensuring that all participants have a positive, fun, and safe experience. Everyone can participate on some level on the Challenge Course regardless of age, physical ability or athletic experience.

The Challenge Course provides a unique environment to improve relationships, develop successful team strategies, hone leadership skills, build trust, experience personal growth, create lasting friendships, build self-confidence, and much more, all while having lots of fun.

## CHILD CARE

### Early Childhood Education Learning Center

The Early Childhood Education Learning Center is designed to meet the developmental needs of young children six months through five years of age. The program provides experiences that enrich and enhance each child's cognitive, language, social, emotional, physical, and creative development. Program services are provided for children of students, faculty, and staff. Within the program's daily schedule, each child has the opportunity to create, explore, learn problem-solving techniques, develop personal interaction skills, and learn concepts through firsthand experiences. Staff members serve as positive role models and provide care and education that is supportive, nurturing, warm, and responsive to each child's individual needs. The Center is a participant of the USDA Child Nutrition Program. Child care supportive services funding is available for low-income and middle-income families, through the Idaho Child Care Program (ICCP). The Center is located on the Frontier-Parkway between the CSI Baseball Field and the Expo Center.

**Early Childhood Education Learning Center**  
College of Southern Idaho  
Phone: (208) 732-6645 or (800) 680-0274, ext. 6645  
Website: [www.csi.edu/childcare](http://www.csi.edu/childcare)

### Early Childhood Education Lab

The Early Childhood Education Lab is a setting where faculty can provide the kind of "guided apprenticeship" necessary for students who are learning to take active roles in the education and care of young children. Under the supervision of experienced faculty and other mentor teachers, students gradually assume responsibility for all classroom activities and management.

The Early Childhood Education Lab program is based on the belief that learners of all ages should have meaningful, interesting, and challenging experiences. Child and adult development and learning are fostered by active participation of the learner.

The College of Southern Idaho Early Childhood Education Lab is accredited by the National Association for the Education of Young Children (NAEYC).

**Early Childhood Education Lab**  
College of Southern Idaho  
Phone: (208) 732-6870  
Website: [education.csi.edu/TE/earlyChildhood.asp](http://education.csi.edu/TE/earlyChildhood.asp)

## CLUBS AND ORGANIZATIONS

There are more than 60 local and national honorary clubs and organizations in which students may participate. Organizations with a national affiliation generally promote educational and professional development. Other clubs, formed locally, encourage members to pursue cultural, recreational, religious, service, and social interests. These clubs and organizations sponsor and plan most of the activities and social functions on campus. All organizations must be recognized by the college and have an employee sponsor. For a description of clubs and organizations, visit the CSI website at [csi.edu/studentactivities/clubs](http://csi.edu/studentactivities/clubs). Regulations concerning organizations and activities may be obtained from the Student Activities Office.

## COMMUNITY EDUCATION

The CSI Community Education Center offers non-credit personal and professional enrichment education and events to the local and regional communities. Programs offered include personal improvement courses with focus on individual growth and personal interactions, and professional and business courses with emphasis on skill enhancement that address immediate and emerging business needs with long-term training solutions.

**Community Education Center**  
College of Southern Idaho  
315 Falls Avenue East, Fine Arts Building, Room 96  
PO Box 1238  
Twin Falls, ID 83303-1238  
Phone: (208) 732-6442  
FAX: (208) 736-3015  
<http://communityed.csi.edu>

## EDUCATIONAL SUPPORT

### Learning Assistance Center

The Learning Assistance Center provides CSI students with the best educational support available. Drop-in tutoring help desks, study tables, and a computer lab are all available services offered to generate a user-friendly program that fosters academic success. In addition, many resources are offered on-line at [www.csi.edu/ip/adc/lap](http://www.csi.edu/ip/adc/lap).

### Peer Tutoring

The intent of Peer Tutoring is to help students help themselves, or to assist or guide them to the point at which they become an independent learner, and thus no longer need a tutor. The primary goal is to assist with troublesome content areas and identify skills necessary to complete complex assignments.

Tutors are available on a drop-in basis to provide tutoring in primary content areas such as Math, Writing, Basic Computer Literacy skills, and General Education Core Sciences.

**Learning Assistance Center**  
Phone: (208) 732-6685  
Website: <http://www.csi.edu/ip/adc/lap/>

## FINE ARTS CENTER

The CSI Fine Arts Center is host to the Magic Valley's three premiere performing spaces – the CSI Fine Arts Auditorium, the CSI Fine Arts Theatre, and the CSI Fine Arts Recital Hall.

## FORENSICS - CSI SPEECH AND DEBATE TEAM

The College of Southern Idaho offers students the opportunity to compete in intercollegiate speech and debate. Students enrolling in Communication 105 have the opportunity to join one of the most successful community college programs in the Northwest. Students chosen to compete on the traveling team visit other colleges throughout the country and compete in a variety of individual events and debate. Participating students are required to have a minimum cumulative GPA of 2.5 and be enrolled in more than 9 credits.

Competitive speech and debate provides students with invaluable experience with critical thinking skills, research, public speaking, and competitive interaction. It truly is an educational experience second-to-none. Scholarship opportunities may also be available. To learn more about the exciting educational and competitive opportunities available at the College of Southern Idaho visit our website at: [finearts.csi.edu/forensic](http://finearts.csi.edu/forensic)

**Beth Hewes**  
Associate Professor of Communication  
Director of Forensics  
Phone: (208) 732-6776  
Office: Hepworth 171  
Email: [bhewes@csi.edu](mailto:bhewes@csi.edu)

## INFORMATION TECHNOLOGY

### Computer Use Policy

The CSI Computer Use Policy guides students, faculty, and staff in the acceptable use of computer and information systems and networks provided by the College of Southern Idaho.

The CSI community is encouraged to make innovative and creative use of information technologies in support of education and research. Access to computer systems and networks owned or operated by College of Southern Idaho impose certain responsibilities and obligations and is granted subject to college policies and local, state, and federal laws. Acceptable use is ethical, non-offensive, reflects academic honesty, and shows restraint in the consumption of shared resources. It demonstrates respect for intellectual property, ownership of information, system security mechanisms, and individuals' rights to privacy and to freedom from intimidation and harassment.

The CSI **Computer Use Policy** can be accessed online at: [http://www.csi.edu/its/computer\\_use.asp](http://www.csi.edu/its/computer_use.asp).

### EagleMail - Student e-mail

E-mail is the primary means of written communication with CSI students. Students automatically get a CSI e-mail account when they register for credit courses. Student e-mail addresses have the following format: [username@eaglemail.csi.edu](mailto:username@eaglemail.csi.edu). Students can access their CSI e-mail accounts from any computer with Internet connection by going to [www.csi.edu](http://www.csi.edu) and clicking on the Webmail link. Before students can use their EagleMail accounts, they must first activate their accounts. For more information visit [www.csi.edu/webmail](http://www.csi.edu/webmail).



Students are expected to check their CSI e-mail accounts regularly as they receive official communications via e-mail from their instructors and from various offices such as Financial Aid, Admissions, Office of the Registrar, Business Office, etc. **It is the students' responsibility to check their CSI e-mail accounts regularly.** Failing to do so will result in missing messages and deadlines. It is also the students' responsibility to make sure that their mailboxes are not full in order to ensure that important messages do not bounce back.

Students who enroll in online classes are advised to send an e-mail to their instructors to find out how to access the online course.

## MyCSI

**MyCSI** is the College's online portal where prospective students can apply for admission and search or browse the schedule of courses; students can register for courses, add/drop courses, check their account balances, pay their fees, check their grades, access and print copies of their unofficial transcripts, order official transcripts, contact their advisors, and more! Visit [mycsi.csi.edu](http://mycsi.csi.edu) as a guest or log in for complete access.



## Online Coursework

To facilitate the delivery and access to course content, CSI utilizes an online learning management system (LMS). This system enables instructors to post their syllabi, class notes, PowerPoint presentations, handouts, quizzes and tests, grades, etc. to assist students through the course sequence. Some courses are completely delivered through the online LMS whereas other courses may supplement the traditional face-to-face class time with an LMS component.

## Online Course Evaluation

CSI uses an online course evaluation system for students to provide feedback on most of their courses. All students enrolled in courses being evaluated are encouraged to fill out the online form for each course included in the survey. Faculty members and administration rely on the feedback to continually improve CSI's courses and offer the best possible experience for students. Evaluations are anonymous and confidential; faculty members are not given access to the survey results until after grades have been posted. Students will be notified by email and/or their instructors when evaluations are available.

## LIBRARY

The CSI Library offers a variety of information resources and services to CSI students (including distance learning students taking classes online or at the off-campus centers), faculty, staff, as well University students who take courses on our campus, and community members with CSI Library courtesy cards.

A current CSI student identification card, CSI employee identification card or courtesy card is required to check out materials from the library.

The library is located on the first floor of the Meyerhoeffer Building and has study carrels, comfortable seating, and small group study rooms. It also houses the main open computer lab on campus.

The library collections include: books, e-books, reference works, government documents, journals and magazines (both printed and electronic formats), newspapers, DVDs, videos, music CDs, maps, and pamphlets. The library also offers access to a variety of online information resources and services, including: LiLI-D (a wonderful online resource funded by the State, containing 1000s of full-length articles), e-books, and downloadable audiobooks. The Special Collections room houses mostly materials related to CSI, Magic Valley, and Idaho history.

The library's online catalog is accessible from any computer with an Internet connection and can be used to quickly identify materials that the library owns. The library also offers interlibrary loan services (where books and other materials are borrowed from other libraries).

Reference and research assistance is provided, as well as library skills and information literacy instruction. Library instruction is available to classes and student groups and is tailored to the students' specific needs. For more information and to access our online resources and services visit the CSI Library Web site at: [csi.edu/library](http://csi.edu/library).

## MUSICAL GROUPS

CSI has concert, jazz, and pep bands, a percussion ensemble, two symphony orchestras, a chamber choir, a madrigal ensemble, and a chorale. These groups perform in concerts and at other functions throughout the year. Students may also receive academic credit for participation in any of the organizations, though some are by audition only.

### Symphonic Band

The CSI Symphonic Band is the college's concert band, and is made up of both CSI students and community musicians from around the Magic Valley. The Band rehearses once a week and gives two concerts per year, concentrating on the best in band literature. The ensemble is directed by Dr. George K. Halsell, and may be taken for either credit or 0-credit.

### Jazz Ensemble

The Jazz Band is a performing ensemble open to both CSI students and community members. Repertoire performed covers a wide variety of jazz styles including big band and combo groups. Groups are directed by Scott Farkas and meet generally at least once each week, though scheduling may be flexible.

### Pep Band

The Pep Band is an ensemble of full time students that supports CSI athletics through performance at all men's and women's basketball games. The group may also occasionally go on tour or perform throughout the local community. Scholarships are available for students who participate in the group, and as such, membership is determined by the director.

### Percussion Ensemble

The Percussion Ensemble performs a wide variety of music written for percussion instruments. Repertoire ranges from the traditional music of Africa, Asia and Mexico to contemporary chamber music from Europe and America. Directed by Scott Farkas, the ensemble meets two times each week and is open to all CSI students as well as community members.

### Symphony Orchestras

The Magic Valley Symphony Orchestra (Twin Falls) and the Magic Philharmonic (Burley) are community orchestras that are open to CSI students by audition, depending on each orchestra's needs. Both orchestras rehearse once a week. The Magic Valley Symphony, directed by Theodore Hadley, performs four concerts each year, and is available for both credit and 0-credit. The Magic Philharmonic, which is directed by a rotating list of conductors, offers three concerts each year and is only available for credit.

### Chamber Choir

The CSI Chamber Choir is open to any CSI student or community member who can match pitch. The Choir performs traditional and contemporary choral literature. It is directed by Serena Jenkins Clark and rehearses five days a week. It is available for both credit and 0-credit.

### Madrigal Ensemble

The CSI Madrigal Ensemble is a small auditioned vocal group under the direction of Serena Jenkins Clark. They perform primarily a cappella music ranging from period work to contemporary styles including pop and jazz. The course meets three days a week and is available only for credit.

### Magic Valley Chorale

The Magic Valley Chorale is a community chorus that is open to all CSI students. Directed by Joseph Casperson, it performs two times per year. It rehearses once a week and is available for both credit and 0-credit.

## STUDENT AFFAIRS

Student Affairs Office provides current and future students with information related to co-curricular activities and services, including on and off-campus housing. The office is located on the second floor of the Student Union Building and can be reached at (208) 732-6224.

**Housing Services** – Manages the Eagle Residence Hall, maintains on-campus housing records and reservations.

**Student Activities** – Coordinates the activities sponsored by campus clubs, schedules special events, provides information on intramural sports, and supervises the ASCSI Student Senate, Ambassador Council, Diversity Council, Eagle Hall Council, Program Board, and Interclub Council.

### Recreation Center

The CSI Student Recreation Center is a 24,000 square foot facility which includes a full court basketball court, two volleyball courts, elevated track, spinning room, cardio-aerobic room, cardio loft and hall with treadmills, ellipticals, bikes, stair steppers, rower, and a strength weight room with resistant machines and plat loaded stations. Fitness assessments, drop-in classes, and a variety of indoor and outdoor intramural sports are available.

### Residence Hall

The CSI dormitory, Eagle Hall, will accommodate 142 men and 104 women in separate wings. Rooms are designed for either single or double occupancy and are conducive to successful academic progress. Each wing has an individual lounge. A control unit on the first floor includes an information desk, office, and the resident director's apartment. An activity center and computer lab are also available to students.

Each student's room is provided with a study desk, lamp, bed, dresser, and chair. Students provide their own linen, blankets, pillow, towels, and other articles needed to add to the attractiveness of their rooms. Laundry facilities are available in each wing.

Dormitory applications are available online at [www.csi.edu/housing](http://www.csi.edu/housing). To reserve a room, submit the application and a \$100 security deposit. Security deposits are fully refunded to applicants who do not receive dorm rooms due to availability.

Residing in campus housing is a privilege extended to the student by the college. The continuation of this privilege is dependent on reasonable and satisfactory personal conduct and proper care of the room to which the student is assigned. Compliance with all state, local, and college regulations is required of all students. These regulations are outlined in the Student Code of Conduct and the dormitory contract.

A \$100 security deposit is required with the application for dormitory housing. The deposit is not to be construed as a partial payment. It is refundable when a student moves out of the dorm at the end of the term if there are no damages attributable to that student. The \$100 security



deposit and a \$400 room down payment are required by July 1st to reserve a room for the Fall term. Both the security deposit and down payment are forfeited if a cancellation of room assignment is not received by July 1st for the Fall term and December 15th for the Spring term or if the student does not fulfill his/her contract. Upon acceptance to the dorm, the student is required to sign a housing agreement, a binding contract outlining payment and refund policies.

All dormitory residents are required to purchase a meal plan. For information regarding prices for room and board, contact the Eagle Hall Housing Office at (208) 732-6575 or online at [csi.edu/housing](http://csi.edu/housing).

Room and board is paid in two installments. The first installment for the Fall term is due by July 1st, and the remaining balance must be paid by 5:00 p.m. the first day of the term. A \$75 late fee will be assessed beginning on the second day of the term for any unpaid balance. **If a student moves out of the dorm during the term, money paid for room, board, and deposit will be forfeited for that term.**

### Meal Plans

Students who do not reside in Eagle Hall or employees of the College may also purchase a meal plan. There are a variety of options ranging from a declining balance (cash value) to a 250 meals per semester plan. Special options are available for commuter student plans that offer additional value in either the Eagles Nest or the Taylor Café. Any of these plans may be purchased directly through the College food service provider, Aramark, at (208) 732-6635 or at [www.csi.campusdish.com](http://www.csi.campusdish.com). All plans are subject to change.

### Campus Apartments

CSI owns and operates Eagle View and Northview apartment complexes that are within walking distance of the campus. Information regarding these apartments can be found online at [www.csi.edu/housing](http://www.csi.edu/housing) or contact Wanda Luna at (208) 733-0740.

### Student Association and Senate

The Student Senate of the College of Southern Idaho is the governing body of the Associated Students. It is the most effective means of communication now available between the college's students and administration.

The Senate consists of the ASCSI President and Vice-President, and one Senator per every 400 hundred registered students. A Secretary and Treasurer are also appointed each year and attend all Senate meetings and activities.

All CSI students registered for 6 credits or more with a minimum cumulative grade point average of 2.5 are eligible to run for a Senate office. Those wishing to run for office must obtain a petition and a list of campaign regulations and obligations from the Student Activities Office.

The Senate is concerned with all aspects of student life: curriculum development, educational improvement, student-faculty relations, and student activities. The Senate is constantly searching for new ways to involve students in the workings of the college community.

### Student Councils and Committees

The following councils include student representation: Ambassadors, Eagle Hall, Fine Arts, Interclub, Program Board, Community Service, Sustainability, and Diversity. Students who wish to serve on any of these councils or other committees should contact the Student Activities Office in the Student Union Building.

In each of these councils, elected and appointed students of the college represent their prospective course, department, club, or organization in providing input to the Student Senate. The purpose of the council system is to provide more students the opportunity to have input regarding the affairs of the Student Association.

### Student Disability Services

The College of Southern Idaho is sensitive to and understanding of its responsibilities to equal access, accommodation and support of individuals with disabilities. Staff and faculty alike provide resources, advocacy, and collaboration across our campus community. **Student Disability Services (SDS) builds and maintains partnerships with students, faculty, staff, and administrators to promote an accessible, non-discriminatory learning, teaching, and working environment meeting the needs and abilities of students with disabilities.**

In accordance with Section 504 of the Rehabilitation Act of 1973 as amended in 1992 and with the Americans with Disabilities Act (ADA) of 1990, the Office of Student Disability Services is proactive in developing specialized accommodations to best support the abilities of each individual eligible for such services.

Services for students with disabilities are individualized to the needs of each eligible student. Students who wish to provide to SDS the needed documentation and make a formal request for services are encouraged to contact the office well in advance. The earlier the collaboration begins the better.

**Documentation and Request for Services** - When a student wants specialized, disability-related support, documentation of the disability must accompany the request. The needed documentation is most often **an evaluation by an appropriate professional that describes the diagnosis and the current impact of the disability, in a college setting, as it relates to the needed accommodations.** Reasonable accommodations are made in context with the goals and essential standards of the college program, course, etc. to which the student is requesting access.

In addition to the full spectrum of services available to all students of the College of Southern Idaho, eligible CSI students are benefiting from:

- Admission/Registration Assistance
- Assistive Technology
- Disability Support Staff
- Test/Quiz Accommodations
- Classroom/Lab Adjustments
- Alternate Format

Most **physical** barriers have been eliminated through sound architectural planning. Students, who need to utilize areas that are not accessible, please contact the Student Disability Services Office to make arrangements for unforeseen needed accommodations.

To schedule an appointment or find out more details, contact our Student Disability Services Office at (208) 732-6260 or 1-800-680-0274 (Idaho & Nevada)

Documentation may be sent to:  
**Student Disability Services**  
**College of Southern Idaho**  
**315 Falls Avenue**  
**PO Box 1238**  
**Twin Falls, Idaho 83303-1238**  
**Secure FAX: (208) 732-6799**

## Student Health Services

The College of Southern Idaho promotes the well-being of its students both physically and mentally, and encourages positive lifestyle choices. CSI contracts with a local provider to offer some basic health care services to current full-time and part-time students who are enrolled in credit courses and have paid their tuition and fees in full or have entered into a Tuition Loan Agreement with CSI. Some services are provided free of charge, while others may be available for a fee. Services provided are contingent on availability of funds. Students may be referred to other providers or various tests may be performed for a fee. Services are not available in-between semesters.

Students also have other options available on or close to campus, such as the South Central Public Health where they offer immunizations, family planning/birth control, and other services for reasonable fees. For more information about services offered by SCPH, go to: <http://www.phd5.idaho.gov/> or call (208) 737-5900.

College of Southern Idaho does not provide health insurance to its students.

For more information about health care services provided through CSI, contact 732-6221 or [info@csi.edu](mailto:info@csi.edu).

## STUDENT UNION BUILDING (SUB)

The CSI Student Union Building (SUB), on the north side of the Taylor Administration Building, adds 30,000 square feet of student and community space to the campus.

On the lower level, students can take care of advising, financial aid, registration, and business transactions in the Matrix. Just outside the Matrix is the Eagle's Nest deli. Students will find many computer stations in the Eagle's Nest with free Internet access. The Fireside Lounge is a great place to relax. Also adjacent to the downstairs seating area is the CSI Bookstore.

Upstairs, the additional space in the Student Union allows for plenty of dining areas in the CSI cafeteria. The CSI chapel on the west side of the SUB upstairs allows students much-needed "down" time, away from the rigors of their schedule and the pressures of the day. Two, nicely-equipped meeting rooms on the west side of the SUB upstairs allow student clubs and community organizations to meet comfortably.

A number of CSI offices are located upstairs adjacent to the expanded dining area, including CSI Student Activities, Institutional Information & Effectiveness.

## TESTING CENTER

The CSI Campus Testing Center offers a professional and secure testing environment for students, faculty, and the community. Friendly, knowledgeable proctors are available to administer COMPASS placement, CSI Computer Literacy, and faculty exams. Additionally, the Campus Testing Center administers CLEP to CSI students and community members, certification exams for Pearson VUE and Prometric, and Comira. A CSI student ID card is required to take any CSI course exam.

## VETERANS SERVICES

The College of Southern Idaho provides educational services to assist veterans with the use of their educational benefits and educational planning. Veterans should contact the Veteran's Certifying Official or the Advising Center located in the Matrix Center, in the Taylor Administration Building. Veterans eligible to receive Veteran Affairs (VA) educational benefits will be subject to CSI's policies and procedures and VA regulations. Veterans receiving educational benefits may also be eligible for other financial aid programs through the CSI Financial Aid and Scholarship Office.

Each semester veterans receiving educational benefits must contact the Veterans Certifying Official following initial certification for educational benefits. This is to assure that correct VA monthly educational benefits are granted in accordance with declared major requirements. Each veteran must report to the Veterans Certifying Official at the time of registration to receive certification for the following semester. The CSI Veteran Certification Form will need to be completed at the time of registration before a veteran can be certified with the VA. Any changes to the veteran's schedule and mailing address must be reported to the Veteran's Certifying Official.

The VA Regional Office in Boise, Idaho has brochures and manuals which outline benefits for veterans and their dependents such as disability, direct deposit, VA medical care, and other VA benefits. Veterans Affairs "benefit counselors" are also available to each veteran by phone through the VA Regional Office. The toll-free number is 1-800-827-1000 or you can write to the following address: 805 West Franklin Street Boise, Idaho 83702.

**Veterans Services**  
**College of Southern Idaho**  
**Taylor Building Room 143**  
**315 Falls Avenue**  
**PO Box 1238**  
**Twin Falls, ID 83303-1238**  
**Phone: (208) 732-6239 or (800) 680-0274, ext. 6239**

## WORKFORCE DEVELOPMENT

The College of Southern Idaho offers non-credit classes designed to develop the knowledge, skills, and attitudes required in today's workforce. CSI delivers workforce training programs in the workplace, the classroom, or online. Workforce development training programs can be customized to meet the training needs of individual employers or entire industry sectors.

In conjunction with the Idaho Division of Building Safety, the Bureau of Labor and Industry, and local apprenticeship advisory committees, CSI offers apprenticeship programs for area commercial and industrial companies. Apprenticeship is considered to be a program of education and on the job training that prepares people for careers in specific industries and trades.

For more information about workforce development programs at CSI or inquiries about customized and short-term training programs, please contact Brandi Turnipseed at (208) 732-6378 or [bturipseed@csi.edu](mailto:bturipseed@csi.edu).

# DEGREE AND CERTIFICATION REQUIREMENTS

## COURSE NAMES, CORE, AND DEGREE REQUIREMENTS

Name	Description	Department	Page
ACCT	Accounting	Business	77
ACCB	Accounting/Bookkeeping	Business	76
ADDS	Addiction Studies	Health Science & Human Services	121
ADUE	Adult Education, Basic	Special Programs	212
AGRI	Agriculture	Agriculture	54
AIRC	Air Conditioning, Refrigeration & Heating	Trade & Industry	200
ALLH	Allied Health	Health Science & Human Services	131
ANTH	Anthropology	Social Science	185
AQUA	Aquaculture	Agriculture	56
ARTS	Art	Visual, Performing, and Liberal Arts	115
AUTB	Auto Body Technology	Trade & Industry	201
ASEP	Automotive Service Educational Program	Trade & Industry	202
BAKE	Baking and Pastry Arts	Business	77
BIOL	Biology	Biology	67
BUSA	Business Administration	Business	77
BUSM	Business Management	Business	78
CABW	Cabinetmaking/Woodworking	Trade & Industry	203
CHEM	Chemistry	Physical Science	175
CISA	Computer Information Systems–Applications	Information Technology	158
CISG	Computer Information Systems–Graphics	Information Technology	159
CISS	Computer Information Systems–Support	Information Technology	160
CISW	IT Development and Security	Information Technology	161
COMM	Communication	Social Science	185
COMP	Computer Courses	Special Programs	212
COMS	Computer Science	Mathematics, Engineering & Computer Science	169
CRJ	Criminal Justice	Social Science	186
CULA	Culinary Arts	Business	79
DANC	Dance	Visual, Performing, and Liberal Arts	117
DENA	Dental Assistant	Health Science & Human Services	131
DENH	Dental Hygiene	Health Science & Human Services	132
DIET	Diesel Technology	Trade & Industry	205
DRAT	Drafting Technology	Trade & Industry	206
EARC	Early Childhood Education	Education	98
ECON	Economics	Business	80
EDUC	Education	Education	100
EDUA	Education Assistant	Education	99



Name	Description	Department	Page
EMEM	Emergency Medical Technology	Health Science & Human Services	134
ENGI	Engineering	Mathematics, Engineering & Computer Science	169
ENGL	English	English, Languages & Philosophy	105
ENGS	English as a Second Language	Special Programs	213
ENVT	Environmental Technology	Agriculture	45
EQUUS	Equine Studies	Agriculture	48
FINA	Finance	Business	80
FIRS	Fire Service Technology	Special Programs	212
FPTC	Food Processing Technology	Agriculture	59
FREN	French	English, Languages & Philosophy	107
GEOG	Geography	Social Science	187
GEOL	Geology	Physical Science	176
HACT	Activities, Health Recreation, and Fitness	Health, Recreation, and Fitness	147
HLTH	Academic Health, Recreation and Fitness	Health, Recreation, and Fitness	146
HREC	Outdoor Recreation	Health, Recreation, and Fitness	152
HIST	History	Social Science	182
HONS	Honors	Special Programs	213
HORT	Horticulture	Agriculture	60
HOSM	Hospitality Management	Business	80
HUMA	Humanities	English, Languages & Philosophy	107
INSS	Instructional Support	Special Programs	214
INTE	Intensive English	Special Programs	214
JAPN	Japanese	English, Languages & Philosophy	107
LAWE	Law Enforcement	Social Science	187
LIIS	Library and Information Science	Library and Information Science	164
MANT	Manufacturing	Trade & Industry	207
MATH	Mathematics	Mathematics, Engineering & Computer Science	170
MEDA	Medical Assistant	Health Science & Human Services	134
MUSA	Music Lessons	Visual, Performing, and Liberal Arts	118
MUSI	Music	Visual, Performing, and Liberal Arts	118
NURA	Nursing Assistant	Health Science & Human Services	135
NURP	Nursing, Practical	Health Science & Human Services	135
NURR	Nursing, Registered	Health Science & Human Services	136
PARA	Paramedic	Health Science & Human Services	137
PHIL	Philosophy	English, Languages & Philosophy	108
PHYS	Physics	Physical Science	177
POLS	Political Science	Social Science	188
PORT	Portuguese	English, Languages & Philosophy	108
PSYC	Psychology	Social Science	188
PTAE	Physical Therapist Assistant	Health Science & Human Services	137
RADT	Radiologic Technology	Health Science & Human Services	139
READ	Reading	Special Programs	214
SIGL	American Sign Language	English, Languages & Philosophy	105
SOCW	Social Work	Social Science	189
SOCY	Sociology	Social Science	189
SPAN	Spanish	English, Languages & Philosophy	108
STUS	Study Skills	Special Programs	214
SUFA	Surgical First Assistant	Health Science & Human Services	140
SURT	Surgical Technology	Health Science & Human Services	140
THEA	Theatre	Visual, Performing, and Liberal Arts	120
VETT	Veterinary Technology	Agriculture	61
WATR	Water Resource Mgmt	Agriculture	62
WELD	Welding Technology	Trade & Industry	208
WIND	Wind Energy Technology	Agriculture	62

## MAJORS

Major	Department	BTC	ITC	ATC	AAS	AA	AE	AS
Accounting/Bookkeeping*	Business				•			
Addiction Studies*	Health Science and Human Services		•		•			
Administrative Assistant*	Information Technology		•		•			
Agri-Business*	Agriculture		•		•			
Agriculture*	Agriculture					•		
Agriculture Science*	Agriculture							•
Air Cond - Refrig & Heat*	Trade and Industry	•	•		•			
American Sign Language	English, Languages & Philosophy					•		
Animal Science*	Agriculture				•			•
Animal Science - Livestock Technician*	Agriculture		•					
Anthropology	Social Science					•		
Aquaculture*	Agriculture		•		•			
Art - Visual	Visual, Performing, and Liberal Arts					•		
Auto Body Technology*	Trade and Industry	•	•		•			
Automotive - ASEP	Trade and Industry				•			
Baking and Pastry Arts*	Business	•	•		•			
Biology	Biology							•
Biology - Health Care	Biology							•
Biology - Natural Resources	Biology							•
Business - General	Business					•		
Business Mgmt./Entrepreneur*	Business		•		•			
Cabinetmaking/Woodworking*	Trade and Industry	•	•		•			
Chemistry	Physical Science							•
Communication	Social Science					•		
Computer Science	Mathematics, Engineering & Computer Science							•
Computer Support Technician*	Information Technology		•					
Criminal Justice	Social Science					•		
Culinary Arts*	Business	•	•		•			
Dance	Visual, Performing, and Liberal Arts					•		
Dental Assistant*	Health Science and Human Services		•					
Dental Hygiene*	Health Science and Human Services				•			
Diesel Technology*	Trade and Industry		•		•			
Digital Media*	Information Technology		•		•			
Drafting Technology*	Trade and Industry		•		•			
Economics	Business					•		
Ed Assistant - Generalist*	Education		•		•			
Education - Bilingual Elementary	Education					•		
Education - Early Childhood*	Education	•	•		•	•		
Education - Elementary	Education					•		
Education - Physical	Health, Recreation & Fitness					•		
Education - Physical K-12	Health, Recreation & Fitness					•		
Education - Secondary	Education					•		
Education - Special	Education					•		
Emergency Medical Technician*	Health Science and Human Services	•	•	•				
Engineering - Agriculture	Mathematics, Engineering & Computer Science						•	
Engineering - Chemical - AE	Mathematics, Engineering & Computer Science						•	
Engineering - Civil - AE	Mathematics, Engineering & Computer Science						•	
Engineering - Computer - AE	Mathematics, Engineering & Computer Science						•	

DEGREE & CERTIFICATION REQUIREMENTS

Major	Department	BTC	ITC	ATC	AAS	AA	AE	AS
Engineering - Electrical - AE	Mathematics, Engineering & Computer Science						•	
Engineering - Mechanical - AE	Mathematics, Engineering & Computer Science						•	
English	English, Languages & Philosophy					•		
Environmental Technology*	Agriculture		•		•			
Equine - Horse Management*	Agriculture		•		•			
Equine Business Management*	Agriculture							•
Equine Studies*	Agriculture					•		
Fire Service Technology*	Special Programs				•			
Food Processing Technology	Agriculture		•					
Geography	Social Science					•		
Geology	Physical Science							•
Health Promotion	Health, Recreation & Fitness					•		
History	Social Science					•		
Horticulture*	Agriculture		•		•	•		•
Hospitality Management*	Business		•		•			
Human Services	Health Science and Human Services		•		•			
IT Development and Security	Information Technology				•			
Law Enforcement*	Social Science	•	•		•			
Liberal Arts	Visual, Performing, and Liberal Arts					•		
Library and Information Science	Library and Information Science					•		
Manufacturing Technology*	Trade and Industry		•		•			
Mathematics	Mathematics, Engineering & Computer Science							•
Medical Assistant*	Health Science and Human Services		•					
Music	Visual, Performing, and Liberal Arts					•		
Network Systems Technician*	Information Technology				•			
Nursing - Practical*	Health Science and Human Services		•					
Nursing - Registered	Health Science and Human Services							•
Paramedic*	Health Science and Human Services		•		•			
Pharmacy (Pre)	Physical Science							•
Physical Therapist Assistant*	Health Science and Human Services				•			
Physics	Physical Science							•
Political Science	Social Science					•		
Psychology	Social Science					•		
Radiologic Technology*	Health Science and Human Services				•			
Science, Technology, Engineering & Math	Physical Science							•
Social Work	Social Science					•		
Sociology	Social Science					•		
Spanish	English, Languages & Philosophy					•		
Surgical First Assistant*	Health Science and Human Services				•			
Surgical Technology*	Health Science and Human Services				•			
Surgical/Central Sterile Proc Tech*	Health Science and Human Services	•	•					
Theatre	Visual, Performing, and Liberal Arts					•		
Veterinary Technology*	Agriculture				•			
Water Resource Management*	Agriculture	•	•					
Welding Technology*	Trade and Industry	•	•		•			
Wind Energy Technician*	Agriculture		•		•			

BTS – Basic Technical Certificate

ITS – Intermediate Technical Certificate

ATC – Advanced Technical Certificate

AAS – Associate of Applied Science

AA – Associate of Arts

AE – Associate of Engineering

AS – Associate of Science

\* Additional Program Admission Requirements in place



## GENERAL EDUCATION CORE COURSES

The general education core is intended to apply to all degrees and certificates recognized by the State Board of education (SBOE). A central component of SBOE policy is the requirement that a student working toward a degree or certificate must complete coursework in the general education core.

In our rapidly-changing world, students need to understand how knowledge is generated and created. They need to adapt to new knowledge and opportunities as they arise, as well as effectively communicate and collaborate with increasing diverse communities and ways of knowing. In combination with a student's major, General Education competencies prepare students to use multiple strategies in an integrative manner, to explore, critically analyze, and creatively address real-world issues and challenges. Course work provides graduates with an understanding of self, the physical world, the development and functioning of human society, and its cultural and artistic endeavors, as well as an understanding of the methodologies, value systems, and thought processes employed in human inquiries. General Education helps instill students with the personal and civic responsibilities of good citizenship. General Education prepares graduates as adaptive, life-long learners.

All general education courses meet the requirements for GEM designation in the state of Idaho.

### General Education Groups

Specific General Education groups may be removed from the above curricula of those majors in the same area as the General Education group. These include Humanities, Mathematics, Science, and Social Science.

### WRITTEN COMMUNICATION

#### General Education Courses

<b>AA &amp; AS</b>		<b>6</b>
<b>AAS</b>		<b>3</b>
ENGL 101	English Composition 1	3
ENGL 102	English Composition 2	3

#### Competencies

Upon completion of a course in this category, students are able to demonstrate the following competencies:

- Use flexible writing process strategies to generate, develop, revise, edit, and proofread texts.
- Adopt strategies and genre appropriate to the rhetorical situation.
- Use inquiry-based strategies to conduct research that explores multiple and diverse ideas and perspectives, appropriate to the rhetorical context.
- Use rhetorically appropriate strategies to evaluate, represent, and respond to the as and research of others.
- Address readers' biases and assumptions with well-developed evidence-based reasoning.
- Use appropriate conventions for integrating, citing, and documenting source material as well as for surface-level language and style.

### ORAL COMMUNICATION

#### General Education Course

<b>AA, AS, AAS</b>		<b>3</b>
COMM 101	Fundamentals of Oral Communication	3

### Competencies

Upon completion of a course in this category, students are able to demonstrate at least five (5) of the following competencies:

- Research, discover, and develop information resources and structure verbal messages to increase knowledge and understanding.
- Research, discover, and develop evidence-based reasoning and persuasive appeals for influencing attitudes, values, beliefs, or behaviors.
- Understand interpersonal rules, roles, and strategies in varied contexts.
- Effectively listen and adapt verbal messages to the personal, ideological, and emotional perspectives of the audience.
- Employ effective verbal and nonverbal behaviors that support communication goals.
- Effectively recognize and critically evaluate the reasoning, evidence, and communication strategies of self and others.

## MATHEMATICAL WAYS OF KNOWING

### General Education Courses

<b>AA &amp; AS</b>		<b>3</b>
<b>AAS</b>		<b>3</b>
MATH 123	Math in Modern Society	3
MATH 130	Finite Math (Retired)	4
MATH 143	College Algebra	3
MATH 153	Elementary Statistics	3
MATH 147	Precalculus	5
MATH 160	Brief Calculus	4
MATH 170	Calculus I	5

### Competencies

Upon completion of a course in this category, a student is able to demonstrate the following competencies:

- Read, interpret, and communicate mathematical concepts.
- Represent and interpret information/data.
- Select, execute and explain appropriate strategies/procedures when solving mathematical problems.
- Apply quantitative reasoning to draw and support appropriate conclusions.

## SCIENTIFIC WAYS OF KNOWING

### General Education Courses

<b>AA &amp; AS (2 different disciplines/1 lab)</b>		<b>8</b>
AGRI 180	Food System Science	4
BIOL 100	Concepts of Biology	4
BIOL 120	Environmental Science	4
BIOL 201	Biology 1	4
BIOL 221	Introductory to Microbiology	4
BIOL 227	Human Anatomy & Physiology 1	4
BIOL 228	Human Anatomy & Physiology 2	4
CHEM 100	Chemistry in Everyday Life	4
CHEM 101	Introduction to Chemistry	4
CHEM 102	Essentials of Organic & Biochemistry	5
CHEM 111	Principles of Chemistry 1	5
GEOG 100	Physical Geography	4
GEOL 101	Physical Geology	4
GEOL 102	Historical Geology	4

GEOL 104	Natural Disasters & Environmental Geology	4
PHYS 100	Survey of Physics	4
PHYS 101	Survey of Astronomy	4
PHYS 111	General Physics 1	4
PHYS 112	General Physics 2	4

### Competencies

Upon completion of a course in this category, a student is able to demonstrate at least four (4) of the following competencies.

- Apply foundational knowledge and models of a natural or physical science to analyze and/or predict phenomena.
- Understand the scientific method and apply scientific reasoning to critically evaluate arguments.
- Interpret and communicate scientific information via written, spoken and/or visual representations.
- Describe the relevance of specific scientific principles to the human experience.
- Form and test a hypothesis in the laboratory or field using discipline-specific tools and techniques for data collection and/or analysis.

## HUMANISTIC AND ARTISTIC WAYS OF KNOWING

### General Education Courses

AA & AS (2 different disciplines)		6
ARTS 101	Art History 1	3
ARTS 102	Art History 2	3
DANC 101	Dance Appreciation	3
ENGL 126	Film & Literature	3
ENGL 175	Introduction to Literature	3
ENGL 215	Survey of World Mythology	3
ENGL 257	Western World Literature 1	3
ENGL 258	Western World Literature 2	3
ENGL 267	Survey of English Literature 1	3
ENGL 268	Survey of English Literature 2	3
ENGL 277	Survey of American Lit 1	3
ENGL 278	Survey of American Lit 2	3
FREN 101	Elementary French 1	4
FREN 102	Elementary French 2	4
HUMA 101	Intro to Humanities 1	3
HUMA 102	Intro to Humanities 2	3
JAPN 101	Elementary Japanese 1	4
JAPN 102	Elementary Japanese 2	4
MUSI 100	Music Appreciation	3
MUSI 108	Survey of Jazz & Pop Music	3
PHIL 101	Introduction to Philosophy	3
PHIL 202	Ethics	3
PORT 101	Elementary Portuguese 1	4
PORT 102	Elementary Portuguese 2	4
SIGL 101	American Sign Language 1	4
SIGL 102	American Sign Language 2	4
SIGL 201	American Sign Language 3	4
SIGL 202	American Sign Language 4	4
SPAN 101	Elementary Spanish 1	4
SPAN 102	Elementary Spanish 2	4
SPAN 201	Intermediate Spanish 1	4
SPAN 202	Intermediate Spanish 2	4
THEA 101	Theatre Appreciation	3
THEA 201	Theatre History 1	3
THEA 202	Theatre History 2	3

### Competencies

Upon completion of a course in this category, students are able to demonstrate at least five (5) of the following competencies.

- Recognize and describe humanistic, historical, or artistic works within problems and patterns of the human experience.
- Distinguish and apply terminologies, methodologies, processes, epistemologies, and traditions specific to the discipline(s).
- Perceive and understand formal, conceptual, and technical elements specific to the discipline.
- Analyze, evaluate, and interpret texts, objects, events, or ideas in their cultural, intellectual or historical contexts.
- Interpret artistic and/or humanistic works through the creation of art or performance.
- Develop critical perspectives or arguments about the subject matter, grounded in evidence-based analysis.
- Demonstrate self-reflection, intellectual elasticity, widened perspective, and respect for diverse viewpoints.

## SOCIAL AND BEHAVIORAL WAYS OF KNOWING

### General Education Courses

Social Science AA & AS (2 different disciplines)		6
AAS		3
ANTH 101	Physical Anthropology	3
ANTH 102	Cultural Anthropology	3
CRJ 103	Introduction to Law & Justice	3
ECON 201	Principles of Macroeconomics	3
ECON 202	Principles of Microeconomics	3
GEOG 102	Cultural Geography	3
GEOG 200	World Regional Geography	3
HIST 101	Western Civilization 1	3
HIST 102	Western Civilization 2	3
HIST 111	US History 1	3
HIST 112	US History 2	3
POLS 101	American National Government	3
POLS 102	Intro to Political Science	3
POLS 221	Intro to International Relations	3
PSYC 101	General Psychology	3
SOCY 101	Introduction to Sociology	3
SOCY 105	Human Relations	3

### Competencies

Upon completion of a course in this category, students are able to demonstrate at least four (4) of the following competencies.

- Demonstrate knowledge of the theoretical and conceptual frameworks of a particular Social Science discipline.
- Develop an understanding of self and the world by examining the dynamic interaction of individuals, groups, and societies as they shape and are shaped by history, culture, institutions, and ideas.
- Utilize Social Science approaches, such as research methods, inquiry, or problem solving, to examine the variety of perspectives about human experiences.
- Evaluate how reasoning, history, or culture informs and guides individual, civic, or global decisions.
- Understand and appreciate similarities and differences among and between individuals, cultures, or societies across space and time.

## DEGREE AND CERTIFICATE REQUIREMENTS

A graduation GPA of 2.0 or better is required for graduation with a degree or certificate.

Associate of Arts	Hours
General Education Hours (minimum 36 credits)	
Oral Communication	3
Written Communication	6
Humanistic and Artistic Ways of Knowing (2 diff. disciplines)	6
Mathematical Ways of Knowing	3
Scientific Ways of Knowing (2 courses with 1 lab course)	8
Social and Behavioral Ways of Knowing (2 diff. disciplines)	6
Other General Education Courses	4
HLTH 155 Health & Wellness or 2 HACT/HREC/DANC activities	2-3
<b>Minimum Hours Required for this Degree</b>	<b>60</b>

Associate of Science	Hours
General Education Hours (minimum 36 credits)	
Oral Communication	3
Written Communication	6
Humanistic and Artistic Ways of Knowing (2 diff. disciplines)	6
Mathematical Ways of Knowing	3
Scientific Ways of Knowing (2 courses with 1 lab course)	8
Social and Behavioral Ways of Knowing (2 diff. disciplines)	6
Other General Education Courses	4
<b>Minimum Hours Required for this Degree</b>	<b>60</b>

Academic Certificate	Hours
General Education Hours (minimum 36 credits)	
Written Communication	6
Oral Communication	3
Mathematical Ways of Knowing	3
Scientific Ways of Knowing	8
Humanistic and Artistic Ways of Knowing	6
Social and Behavioral Ways of Knowing	6
Other General Education Courses	4
<b>Minimum Hours Required for this Certificate</b>	<b>36</b>

Associate of Applied Science	Hours
General Education Hours (minimum 15 credits)	
Oral Communication	3
Written Communication	3
Mathematical Ways of Knowing	3
Social and Behavioral Ways of Knowing	3
Other General Education Courses	3
<b>Minimum Hours Required for this Degree</b>	<b>60</b>

Advanced Technical Certificate	Hours
General Education Hours (minimum 9 credits)	
Oral Communication or Written Communication	3
Mathematical Ways of Knowing	3
Social and Behavioral Ways of Knowing	3
<b>Minimum Hours Required for this Certificate</b>	<b>52</b>

Intermediate Technical Certificate	Hours
General Education Hours (minimum 9 credits)	
Oral Communication or Written Communication	3
Mathematical Ways of Knowing	3
Social and Behavioral Ways of Knowing	3
<b>Minimum Hours Required for this Certificate</b>	<b>30</b>

Basic Technical Certificate	Hours
<b>Hours Required for this Certificate</b>	<b>8-29</b>



# AGRICULTURE DEPARTMENT



## PROGRAMS OF STUDY

### AGRI-BUSINESS

**Contact:** Jim Wilson, (208) 732-6403  
jwilson@csi.edu

The Agri-Business Program provides students with a great beginning to a rewarding career. Students in the AAS program can enter into a well paying job after two years.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Ag>

#### Program Application Required: Yes

**Sample Career Opportunities:** Farmers, Ranchers, Agricultural Manager, First-line Supervisor of Farming

*\*Talk to an advisor for additional career choices*

### Intermediate Technical Certificate Major Code: 4102T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
AGRI 104	Agriculture Management	4
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	
MATH GE	Any Gen. Ed. Math Course	3
WATR 140	Irrigation Systems	3
<b>Total</b>		<b>17</b>

<b>Spring Semester Freshman Year</b>		
AGRI 109	Principles of Animal Science	3
AGRI 109L	Principles of Animal Science Lab*	1
AGRI 160	Introduction to Agriculture Selling	3
SOCS GE	Any Gen. Ed. Soc. Science Course	3
ELEC ANY	College Level Elective Courses	3
<b>Total</b>		<b>13</b>

**Total Credit Hours Required for this Major:** 30

*\*Prerequisite or corequisite required.*

### Associate of Applied Science Major Code: 4102A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
AGRI 104	Agriculture Management	4
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
WATR 140	Irrigation Systems	3
<b>Total</b>		<b>17</b>

<b>Spring Semester Freshman Year</b>		
AGRI 109	Principles of Animal Science	3
AGRI 109L	Principles of Animal Science Lab*	1
AGRI 155	Introduction to GPS	2
AGRI 160	Introduction to Agriculture Selling	3
SOCS GE	Any Gen. Ed. Soc. Science Course	3
COMM 101	Fundamentals of Oral Comm.	3
ECON 202	Principles of Microeconomics	3
<b>Total</b>		<b>18</b>

<b>Fall Semester Sophomore Year</b>		
AGRI 126	Fundamentals of GIS	3
CHEM GE	Any Gen. Ed. Chemistry Course	4
ELEC ANY	College Level Elective Courses	6
<b>Total</b>		<b>13</b>

<b>Spring Semester Sophomore Year</b>		
AGRI 205	Principles of Animal Science	3
AGRI 205L	Principles of Animal Science Lab*	1
ELEC ANY	College Level Elective Courses	8
<b>Total</b>		<b>12</b>

<b>Recommended Elective Courses</b>		
AGRI 250	Agricultural Markets	3
ECON 201	Principles of Microeconomics	3
AGRI	Any Agriculture Course	
BIOL	Any Biology Course	
CHEM	Any Chemistry Course	
GEOL	Any Geology Course	
WATR	Any Water Resource Course	

**Total Credit Hours Required for this Major:** 60

*\*Prerequisite or corequisite required*

## AGRICULTURE

**Contact:** Jim Wilson, (208) 732-6403  
jwilson@csi.edu

The Agriculture Department provides students with a great beginning to a challenging career. The Associate of Arts degree is for academic students who attend CSI for the first two years and plan to continue at a four-year college/university to complete a Bachelor's degree program later.

**Program Application Required: Yes**

**Sample Career Opportunities:** Animal Scientists; Food Scientists and Technologists; Soil and Plant Scientists\*

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 1100R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 143	College Algebra	3
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
AGRI 109	Principles of Animal Science	3
AGRI 109L	Principles of Animal Science Lab*	1
ELEC ANY	College Level Elective Courses	2-3
<b>Total</b>		<b>16-17</b>

**Spring Semester Freshman Year**

AGRI 155	Introduction to GPS	2
AGRI 160	Introduction to Agriculture Selling	3
AGRI 250	Agricultural Markets	3
COMM 101	Fundamentals of Oral Comm.	3
ECON 202	Principles of Microeconomics	3
HUMA GE	Any Gen. Ed. Humanities Course	3
<b>Total</b>		<b>17</b>

**Fall Semester Sophomore Year**

AGRI 126	Fundamentals of GIS	3
ENGL 102	English Composition 2*	3
CHEM 101	Introduction to Chemistry	4
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>16</b>

**Spring Semester Sophomore Year**

AGRI 205	Principles of Animal Science	3
AGRI 205L	Principles of Animal Science Lab*	1
BIOL GE	Any Gen Ed Biology	4
ELEC GE	Any additional Gen. Ed. Cr Hrs	4
HLTH 155	Health & Wellness	3
or HACT	2 Cr Hrs of HACT/HREC/DANC Activities	2
<b>Total</b>		<b>14-15</b>

**Total Credit Hours Required for this Major: 64**

*\*Prerequisite or corequisite required.*

## AGRICULTURE SCIENCE

**Contact:** Jim Wilson, (208) 732-6403  
jwilson@csi.edu

The Agriculture Department provides students with a great beginning to a challenging career. The Associate of Science degrees is for academic students who attend CSI for the first two years and plan to continue at a four-year college/university to complete a Bachelor's degree program later.

**Program Application Required: Yes**

**Sample Career Opportunities:** Animal Scientists; Food Scientists and Technologists; Soil and Plant Scientists\*

*\*Talk to an advisor for additional career choices*

Associate of Science  
Major Code: 1100S

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 143	College Algebra	3
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
HUMA GE	Any Gen. Ed. Humanities Course	3
SOCS GE2	Any Gen. Ed. Soc. Science Course	3
<b>Total</b>		<b>16</b>

**Spring Semester Freshman Year**

AGRI 109	Principles of Animal Science	3
AGRI 109L	Principles of Animal Science Lab*	1
BIOL 201	Biology 1	4
COMM 101	Fundamentals of Oral Comm.	3
ENGL 102	English Composition 2*	3
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>17</b>

**Fall Semester Sophomore Year**

CHEM 111	Principles of Chemistry*	5
ELEC GE	Any additional Gen. Ed. Cr Hrs	3
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
AGRI	Any Agriculture Course	5
<b>Total</b>		<b>16</b>

**Spring Semester Sophomore Year**

AGRI 205	Principles of Animal Science	3
AGRI 205L	Principles of Animal Science Lab*	1
AGRI	Any Agriculture Course	3
WATR	Any Water Resource Course	3
ELEC ANY	College Level Elective Courses	5
<b>Total</b>		<b>15</b>

**Total Credit Hours Required for this Major: 64**

*\* Prerequisite or corequisite required.*

## ANIMAL SCIENCE-LIVESTOCK TECHNICIAN

Contact: Dr. Barry Pate, (208) 732-6415  
bpate@csi.edu

The Livestock Technician Technical Certificate offer students the opportunity to complete a set of classes that will enhance their resume and increase employability. This certificate corresponds with the first year of the AAS Animal Science.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/AnimalScience>

**Program Application Required: Yes**

**Sample Career Opportunities:** Farmers, Ranchers, Agricultural Manager, First-line Supervisor of Farming

\*Talk to an advisor for additional career choices

### Intermediate Technical Certificate Major Code: 4111T

\*\*Alternative plans of study available by contacting your advisor

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
AGRI 104	Agriculture Management	4
AGRI 109	Principles of Animal Science	3
AGRI 109L	Principles of Animal Science Lab*	1
AGRI 111	Artificial Insemination of Cattle	2
AGRI 253	Animal Evaluation	3
MATH GE	Any Gen. Ed. Math Course	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
AGRI 158	Applied Animal Nutrition	4
AGRI 222	Animal Reproduction & Breeding	3
AGRI 250	Agricultural Markets	3
ECON 202	Principles of Microeconomics	3
COMM 101 or ENGL 101	Fundamentals of Oral Communication English Composition 1*	3
<b>Total</b>		<b>16</b>
<b>Total Credit Hours Required for this Major:</b>		<b>32</b>

## ANIMAL SCIENCE

Contact: Dr. Barry Pate, (208) 732-6415  
bpate@csi.edu

The Animal Science provides student with a good basic education in the form and function of the various livestock species that are used for food and fiber. Students will be able to select superior animals using principles of evaluation, reproduction, and nutrition. They will understand the processes by which animals are used by humans. They will understand and use current technology to manipulate animal systems for maximum efficiency. In addition, students will improve research, writing, presentation, and mathematical skills.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/AnimalScience>

**Program Application Required: Yes**

**Sample Career Opportunities:** Farmers, Ranchers, Agricultural Manager, First-line Supervisor of Farming

\*Talk to an advisor for additional career choices

### Associate of Applied Science Major Code: 4104A

\*\*Alternative plans of study available by contacting your advisor

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
<b>Course</b>	<b>Course Title</b>	<b>Cr Hrs</b>
AGRI 104	Agriculture Management	4
AGRI 109	Principles of Animal Science	3
AGRI 109L	Principles of Animal Science Lab*	1
AGRI 111	Artificial Insemination of Cattle	2
AGRI 253	Animal Evaluation	3
MATH GE	Any Gen. Ed. Math Course	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
AGRI 158	Applied Animal Nutrition	4
AGRI 222	Animal Reproduction & Breeding	3
AGRI 250	Agricultural Markets	3
ECON 202	Principles of Microeconomics	3
COMM 101	Fundamentals of Oral Communication	3
<b>Total</b>		<b>16</b>
<b>Fall Semester Sophomore Year</b>		
AGRI 271	Animal Anatomy & Physiology	4
BIOL 201	Biology 1	4
ENGL 101	English Composition 1*	3
ELEC ANY	College Level Elective Courses	6
<b>Total</b>		<b>17</b>
<b>Spring Semester Sophomore Year</b>		
ELEC ANY	College Level Elective Courses	15
<b>Total</b>		<b>15</b>
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

\*Prerequisite or corequisite required.



Associate of Science  
Major Code: 1103S

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
AGRI 104	Agriculture Management	4
AGRI 109	Principles of Animal Science	3
AGRI 109L	Principles of Animal Science Lab*	1
AGRI 111	Artificial Insemination of Cattle	2
AGRI 253	Animal Evaluation*	3
MATH 143	College Algebra*	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
AGRI 158	Applied Animal Nutrition	4
AGRI 222	Animal Reproduction & Breeding*	3
AGRI 250	Agricultural Markets	3
COMM 101	Fundamentals of Oral Comm.	3
ECON 202	Principles of Microeconomics	3
<b>Total</b>		<b>16</b>
<b>Fall Semester Sophomore Year</b>		
AGRI 271	Animal Anatomy & Physiology	4
BIOL 201	Biology 1	4
ENGL 101	English Composition 1*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
ELEC ANY	College Level Elective Courses	1
<b>Total</b>		<b>15</b>
<b>Spring Semester Sophomore Year</b>		
ENGL 102	English Composition 2*	3
CHEM 101	Introduction to Chemistry*	4
ELEC GE	Any additional Gen. Ed. Cr Hrs	4
HUMA GE2	2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SOCS GE	Any Gen. Ed. Social Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>17</b>
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

*\*Prerequisite or corequisite required.*

**AQUACULTURE**

**Contact: Jim Wilson, (208) 732-6403**  
[jwilson@csi.edu](mailto:jwilson@csi.edu)

The Aquaculture Program educates and trains people to meet the expanding needs in the commercial aquaculture industry. Students enrolled in the nine-month program learn and work at the college hatchery and for area commercial facilities throughout their educational experience. Students build a broad background of experience for future education and employment.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Aqua>

**Program Application Required: Yes**

**Sample Career Opportunities:** Farmers, Ranchers, Agricultural Manager, First-line Supervisor of Farming

*\*Talk to an advisor for additional career choices*

Intermediate Technical Certificate  
Major Code: 4115T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
<b>Fall Semester Freshman Year</b>		
AQUA 101	Fisheries Management 1	4
AQUA 102	Diseases of Fish 1	3
AQUA 103	Fish Nutrition 1	3
AQUA 104	Practicum 1	3
MATH GE	Any Gen. Ed. Math Course	3
CISA 115	Introduction to Spreadsheets	1
<b>Total</b>		<b>17</b>
<b>Spring Semester Freshman Year</b>		
AQUA 201	Fisheries Management 2	4
AQUA 202	Diseases of Fish 2	3
AQUA 203	Fish Nutrition 2	3
AQUA 204	Practicum 2	3
AQUA 205	Water Quality in Aquaculture	2
COMM 101 or ENGL 101	Fundamentals of Oral Communication English Composition 1*	3
<b>Total</b>		<b>18</b>
<b>Summer Semester Freshman Year</b>		
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>3</b>
<b>Total Credit Hours Required for this Major:</b>		<b>38</b>

*\*Prerequisite or corequisite required.*

Associate of Applied Science  
Major Code: 4115A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
AQUA 101	Fisheries Management 1	4
AQUA 102	Diseases of Fish 1	3
AQUA 103	Fish Nutrition 1	3
AQUA 104	Practicum 1	3
CISA 115	Introduction to Spreadsheets	1
MATH GE	Any Gen. Ed. Math Course	3
<b>Total</b>		<b>17</b>

<b>Spring Semester Freshman Year</b>		
AQUA 201	Fisheries Management 2	4
AQUA 202	Diseases of Fish 2	3
AQUA 203	Fish Nutrition 2	3
AQUA 204	Practicum 2	3
AQUA 205	Water Quality in Aquaculture	2
ENGL 101	English Composition 1*	3
<b>Total</b>		<b>18</b>

<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ELEC GE	Any additional Gen. Ed. Cr Hrs	4
ELEC ANY	College Level Elective Courses	6
<b>Total</b>		<b>13</b>

<b>Spring Semester Sophomore Year</b>		
SOCS GE	Any Gen. Ed Soc. Science Course	3
ELEC ANY	College Level Elective Courses	9
<b>Total</b>		<b>12</b>

<b>Recommended Elective Courses</b>		
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
AGRI 109	Principles of Animal Science	3
AGRI 109L	Principles of Animal Science Lab	1
AGRI 205	General Soils*	3
AGRI 205L	General Soils Lab	1
BIOL 120	Environmental Science	4
BIOL 201	Biology 1	4
BIOL 202	Biology 2*	4
BIOL 204	Introduction to Cell Biology*	4
BIOL 250	General Microbiology*	4
CHEM 100	Chemistry in Everyday Life	4
CHEM 101	Introduction to Chemistry*	4
CHEM 102	Essentials of Organic & Biochemistry*	5
CHEM 111	Principles of Chemistry 1*	5
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required.*

**ENVIRONMENTAL TECHNOLOGY**

Contact: Jeffrey Cooper, (208) 732-6405  
jcooper@csi.edu

The Environmental Technology Program AAS includes general education requirements and provides the student with a broad foundation in renewable energies including wind, solar, and biofuels, as well as the legal aspects associated with environmental planning and management. Students will also acquire experimental knowledge of electrical motors, generators, mechanical drive systems, and hydraulics through lectures, site visits and labs.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/EnvTech>

**Program Application Required: Yes**

**Sample Career Opportunities:** Environmental Engineering Technicians

*\*Talk to an advisor for additional career choices*

Intermediate Technical Certificate  
Major Code: 4120T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101 or ENGL 101	Fundamentals of Oral Communication English Composition 1*	3
ENVT 105	Introduction to Renewable Energy*	2
ENVT 105L	Introduction to Renewable Energy Lab*	1
ENVT 110	Industrial Safety (OSHA 10/CPR)*	2
ENVT 115	Industrial Tools and Equipment*	1
ENVT 125	Fluid Power and Hydraulics*	1
ENVT 130	Fundamentals of Electricity*	4
MATH GE	Any Gen Ed Math Course*	3
<b>Total</b>		<b>17</b>

<b>Spring Semester Freshman Year</b>		
ENVT 140	Electric Motors, Generators, Controls*	3
ENVT 145	Renewable Electrical Production*	2
ENVT 145L	Renewable Electrical Production Lab	1
ENVT 150	Programmable Logic Controllers	3
ENVT 155	Biofuels*	2
ENVT 155L	Biofuels Lab	1
ENVT 165	Mechanical Drive Systems*	3
SOCS GE	Any Gen Ed Soc. Science Course	3
<b>Total</b>		<b>18</b>

**Total Credit Hours Required for this Major: 35**

*\*Prerequisite or corequisite required.*

Associate of Applied Science  
Major Code: 4120A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
ENVT 105	Introduction to Renewable Energy*	2
ENVT 105L	Introduction to Renewable Energy Lab*	1
ENVT 110	Industrial Safety (OSHA 10/CPR)*	2
ENVT 115	Industrial Tools and Equipment*	1
ENVT 125	Fluid Power and Hydraulics*	1
ENVT 130	Fundamentals of Electricity*	4
MATH 143	College Algebra*	3
<b>Total</b>		<b>17</b>

<b>Spring Semester Freshman Year</b>		
ENVT 140	Electric Motors, Generators, Controls*	3
ENVT 145	Renewable Electrical Production*	2
ENVT 145L	Renewable Electrical Production Lab	1
ENVT 150	Programmable Logic Controllers	3
ENVT 155	Biofuels*	2
ENVT 155L	Biofuels Lab	1
ENVT 165	Mechanical Drive Systems*	3
SOCS GE	Any Gen Ed Soc. Science Course	3
<b>Total</b>		<b>18</b>

<b>Fall Semester Sophomore Year</b>		
ENVT 120	Residential Energy	3
SCIG GE	Any Gen Ed Science	4
WATR 130	Water Measurement	3
ELEC ANY	College Level Elective Courses	3
<b>Total</b>		<b>13</b>

<b>Spring Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENVT 201	Environmental Law	2
WATR 120	Water Quality	3
WATR 120L	Water Quality Lab	1
Select ENVT, WATR, or AGRI	to bring Total to 64 Cr Hrs	3
<b>Total</b>		<b>12</b>

**Total Credit Hours Required for this Major: 60**  
*\*Prerequisite or corequisite required.*

**EQUINE-BUSINESS MANAGEMENT**

**Contact: Jim Knight, (208) 732-6414**  
**jknight@csi.edu**

Completion of this Associate of Science degree program will equip students with a solid foundation in horse anatomy, breeding and nutrition as well as instruct them in the many business aspects of the equine industry including the raising of horses, marketing, finance, labor relations, and business plan development. The student completing this degree will have general education core certification in Idaho.

**Program Application Required: Yes**

**Sample Career Opportunities:** Farmers, Ranchers, Agricultural Manager, First-line Supervisor of Farming

*\*Talk to an advisor for additional career choices*

Associate of Science  
Major Code: 1211S

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
ECON 201	Principles of Macroeconomics	3
orECON 202	Principles of Microeconomics	
EQUUS 114	Equine Activities	1
EQUUS 234	Horse Health	2
SCIG GE	Any Gen. Ed. Science Course	4
<b>Total</b>		<b>16</b>

<b>Spring Semester Freshman Year</b>		
BUSA 250	Principles of Marketing	3
EQUUS 114	Equine Activities	1
EQUUS 290	Business Aspects of Raising Horses	2
HUMA GE	Any Gen. Ed. Humanities Course	3
COMM 101	Fundamentals of Oral Communication	3
SOCS GE	Any Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>15</b>

<b>Fall Semester Sophomore Year</b>		
BUSA 265	Legal Environment	3
ENGL 102	English Composition 2*	3
EQUUS 114	Equine Activities	1
EQUUS 232	Equine Nutrition	2
EQUUS 242	Horse Anatomy & Unsoundness 1	2
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
ELEC ANY	College Level Elective Courses	2
<b>Total</b>		<b>17</b>

<b>Spring Semester Sophomore Year</b>		
ACCT 201	Intro to Financial Accounting*	3
EQUUS 114	Equine Activities	1
EQUUS 233	Equine Reproduction	3
EQUUS 243	Horse Anatomy & Unsoundness 2*	2
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
ELEC GE	Any additional Gen. Ed. Cr Hrs	4
<b>Total</b>		<b>16</b>

<b>Recommended Elective Courses</b>		
AGRI 104	Agriculture Management	4
AGRI 250	Agricultural Markets	3
EQUUS	Any Equine Courses	

**Total Credit Hours Required for this Major: 64**  
*\*Prerequisite or corequisite required.*



## EQUINE-HORSE MANAGEMENT

Contact: Jim Knight, (208) 732-6414  
jknight@csi.edu

This program prepares students to work in many aspects of the horse industry and it prepares students for managing their own horses.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Equine>

**Program Application Required: Yes**

**Sample Career Opportunities:** Animal Trainers

*\*Talk to an advisor for additional career choices*

### Intermediate Technical Certificate Major Code: 4110T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
EQUUS 232	Equine Nutrition	2
EQUUS 236	Horse Judging 1	2
MATH GE	Any Gen. Ed. Math Course	3
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	
EQUUS 101	Introduction to Horses	2
EQUUS 114	Equine Activities	1
EQUUS 234	Horse Health	2
EQUUS 242	Horse Anatomy & Unsoundness 1	2
<b>Total</b>		<b>17</b>

<b>Spring Semester Freshman Year</b>		
EQUUS 230	Horseshoeing Basics 1	1
EQUUS 233	Equine Reproduction	3
EQUUS 114	Equine Activities	1
EQUUS 243	Horse Anatomy & Unsoundness 2*	2
EQUUS 245	Draft Horses	2
EQUUS 290	Business Aspects of Raising Horses	2
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>14</b>

**Total Credit Hours Required for this Major: 31**

*\*Prerequisite or corequisite required.*

## Associate of Applied Science Major Code: 4110A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
MATH GE	Any Gen. Ed. Math Course	3
ENGL 101	English Composition 1*	3
EQUUS 101	Introduction to Horses	2
EQUUS 114	Equine Activities	1
EQUUS 234	Horse Health	2
<b>Total</b>		<b>15</b>

<b>Spring Semester Freshman Year</b>		
AGRI 104	Agriculture Management	4
AGRI 111	Artificial Insemination of Cattle	2
EQUUS 114	Equine Activities	1
EQUUS 245	Draft Horses	2
EQUUS 290	Business Aspects of Raising Horses	2
ELEC ANY	College Level Elective Courses	5
<b>Total</b>		<b>16</b>

<b>Fall Semester Sophomore Year</b>		
AGRI 109	Principles of Animal Science	3
AGRI 109L	Principles of Animal Science Lab	1
AGRI 160	Introduction to Agriculture Selling	3
EQUUS 114	Equine Activities	1
EQUUS 232	Equine Nutrition	2
EQUUS 236	Horse Judging 1	2
EQUUS 242	Horse Anatomy & Unsoundness 1	2
COMM 101	Fundamentals of Oral Communication	3
<b>Total</b>		<b>17</b>

<b>Spring Semester Sophomore Year</b>		
EQUUS 114	Equine Activities	1
EQUUS 230	Horseshoeing Basics 1	1
EQUUS 233	Equine Reproduction	3
EQUUS 237	Horse Judging 2	2
EQUUS 243	Horse Anatomy & Unsoundness 2*	2
SOCS GE	Any Gen. Ed Soc. Science Course	3
ELEC GE	Any additional Gen. Ed. Cr Hrs	4
<b>Total</b>		<b>16</b>

### Recommended Elective Courses

AGRI	Any Agriculture Course
EQUUS	Any Equine Course

**Total Credit Hours Required for this Major: 64**

*\*Prerequisite or corequisite required.*

## EQUINE STUDIES

**Contact:** Jim Knight, (208) 732-6414  
jknight@csi.edu

This Associate of Arts degree is designed to transfer to universities offering a bachelor's degree in Equine Studies. This degree will equip the student with a solid foundation in horse health, anatomy, breeding and nutrition and other topics vital to employment in today's equine industry.

**Program Application Required:** Yes

**Sample Career Opportunities:** Animal Trainers

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 1102R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
COMM 101	Fundamentals of Oral Communication	3
EQUUS 114	Equine Activities (1 Cr Hr take 4 times)	1
EQUUS 234	Horse Health	2
SOCS GE	Any Gen. Ed Soc. Science Course	3
EQUUS 101	Introduction to Horses	2
<b>Total</b>		<b>17</b>
<b>Spring Semester Freshman Year</b>		
EQUUS 199	Equine Studies Workshop	1
EQUUS 114	Equine Activities (1 Cr Hr take 4 times)	1
EQUUS 290	Business Aspects of Raising Horses	2
EQUUS 245	Draft Horses	2
HLTH 155 or HACT	Health & Wellness 2 Cr Hrs of HACT/HREC/DANC Activities	2-3
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
ELEC ANY	College Level Elective Courses	1-2
<b>Total</b>		<b>13</b>
<b>Fall Semester Sophomore Year</b>		
ENGL 102	English Composition 2*	3
EQUUS 236	Horse Judging 1	2
EQUUS 114	Equine Activities (1 Cr Hr take 4 times)	1
EQUUS 232	Equine Nutrition	2
EQUUS 242	Horse Anatomy & Unsoundness 1	2
SCIG GE	Any Gen. Ed. Science Course	4
HUMA GE	Any Gen. Ed. Humanities Course	3
<b>Total</b>		<b>17</b>
<b>Spring Semester Sophomore Year</b>		
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 disciplines</i>		
EQUUS 114	Equine Activities (1 Cr Hr take 4 times)	1
EQUUS 233	Equine Reproduction	3
EQUUS 243	Horse Anatomy & Unsoundness 2*	2
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 disciplines</i>		
ELEC GE	Any additional Gen. Ed. Cr Hrs	4
<b>Total</b>		<b>17</b>
<b>Recommended Elective Courses</b>		
AGRI	Any Agriculture Course	
EQUUS	Any Equine Studies Course	
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

*\*Prerequisite or corequisite required.*

## FOOD PROCESSING TECHNOLOGY

**Contact:** Ben Hamlett, (208) 732-6374  
bhamlett@csi.edu

**Janna Hamlett, (208) 732-6376**  
jhamlett@csi.edu

The Food Processing Technology Program is a technical program designed to provide students with the necessary skills to obtain a position in the food processing industry. The program is broad enough to encompass the different food processing facilities, yet specific enough to provide the necessary skills. First year students will learn about sanitation, basic food processing equipment, HACCP (Hazard Analyses Critical Control Point), GMPs (Good Manufacturing Practices), Lean concepts, safety in the food processing environment including OSHA 30 hour card and forklift training, and introduction to controls and instrumentation. Second year students can select from a variety of classes depending on their interests. Students interested in controls or automation can select classes in PLCs (Programmable Logic Controllers) electronics, automation and robotics. Students interested in quality assurance and quality control can select classes in GLP (good laboratory practices), internal and external auditing of food plants, and advanced HACCP concepts. This program is designed to complete projects and offer a variety of internships to gain real world experience as well as working with the food processing equipment in the lab. Students in the program can earn a Technical Certificate and an Associate of Applied Science degree.

This is a Professional-Technical Education (PTE) program and has additional admission requirements that must be met before students can declare this as their major. Please contact the program advisor or the Advising Center for details.

Gainful employment data for this program may be found on the department web page: <http://agriculture.csi.edu/food-processing/>

All Cr Hr coursework listed on the outline semester must be satisfied with a grade of D or better. Certain courses require the prerequisite course have a grade of C or better.

**Program Application Required:** Yes

**Sample Career Opportunities:** Food Scientists and Technologists;  
Agricultural and Food Science Technicians

*\*Talk to an advisor for additional career choices*

Intermediate Technical Certificate  
Major Code: 4121T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
FPTC 101	Overview of Food Industry	1
FPTC 130	Sanitation in Food Processing	3
AGRI 180	Food System Science	4
MATH GE	Any Gen Ed Math Course	3
FPTC 160	Safety in Food Processing Industry	3
<b>Total</b>		<b>14</b>
<b>Spring Semester Freshman Year</b>		
FPTC 140	Introduction to Food Technology & Processing	3
FPTC 140L	Introduction to Food Technology & Processing Lab	1
FPTC 165	Lean Manufacturing	3
FPTC 170	Introduction to Equipment in Food Processing	2
FPTC 170L	Introduction to Equipment in Food Processing Lab	1
COMM 101 or ENGL 101	Fundamentals of Oral Communication English Composition 1*	3
SOCY 105	Human Relations	3
<b>Total</b>		<b>16</b>
<b>Total Credit Hours Required for this Major:</b>		<b>30</b>

*\*A prerequisite or corequisite required.*

### Controls Emphasis

Associate of Applied Science  
Major Code: 4121A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
FPTC 101	Overview of Food Industry	1
FPTC 130	Sanitation in Food Processing	3
FPTC 160	Safety in Food Processing Industry	3
AGRI 180	Food System Science	4
MATH GE	Any Gen Ed Math Course	3
<b>Total</b>		<b>14</b>

#### Spring Semester Freshman Year

FPTC 140	Introduction to Food Technology & Processing	3
FPTC 140L	Introduction to Food Technology & Processing Lab	1
FPTC 165	Lean Manufacturing	3
FPTC 170	Introduction to Equipment in Food Processing	2
FPTC 170L	Introduction to Equipment in Food Processing Lab	1
COMM 101	Fundamentals of Oral Communication	3
SOCY 105	Human Relations	3
<b>Total</b>		<b>16</b>

#### Fall Semester Freshman Year

ENGL 101	English Composition I*	3
FPTC 172	Industrial Electronics	4
FPTC 135	Controls and Instrumentation	4
FPTC 142	PLC Systems I	3
<b>Total</b>		<b>14</b>

#### Spring Semester Freshman Year

FPTC 280	Food Processing Projects*	4
FPTC 270	Advanced Food Technology and Processing*	4
FPTC 278	Diagnostics and Troubleshooting	4
FPTC 242	PLC Systems 2*	3
FPTC 250	Machine Maintenance	3
<b>Total</b>		<b>18</b>

**Total Credit Hours Required for this Major** **62**

*\*A prerequisite or corequisite required.*

### Operations Emphasis

Associate of Applied Science  
Major Code: 4121A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
FPTC 101	Overview of Food Industry	1
FPTC 130	Sanitation in Food Processing	3
FPTC 160	Safety in Food Processing Industry	3
AGRI 180	Food System Science	4
MATH GE	Any Gen Ed Math Course	3
<b>Total</b>		<b>14</b>

#### Spring Semester Freshman Year

FPTC 140	Introduction to Food Technology & Processing	3
FPTC 140L	Introduction to Food Technology & Processing Lab	1
FPTC 165	Lean Manufacturing	3
FPTC 170	Introduction to Equipment in Food Processing	2
FPTC 170L	Introduction to Equipment in Food Processing Lab	1
COMM 101	Fundamentals of Oral Communication	3
SOCY 105	Human Relations	3
<b>Total</b>		<b>16</b>

#### Fall Semester Freshman Year

ENGL 101	English Composition I*	3
FPTC 135	Controls and Instrumentation	4
FPTC 142	PLC Systems I	3
FPTC 274	Internal Auditing of Food Plants	3
FPTC 150	Food Quality Management*	3
FPTC 150L	Food Quality Management Lab	1
<b>Total</b>		<b>17</b>

#### Spring Semester Freshman Year

FPTC 280	Food Processing Projects*	4
FPTC 270	Advanced Food Technology and Processing*	4
FPTC 278	Diagnostics and Troubleshooting	4
FPTC 242	PLC Systems 2*	3
<b>Total</b>		<b>15</b>

**Total Credit Hours Required for this Major** **62**

*\*A prerequisite or corequisite required.*

**Quality Assurance/Quality Control Emphasis**

Associate of Applied Science  
Major Code: 4121A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
FPTC 101	Overview of Food Industry	1
FPTC 130	Sanitation in Food Processing	3
FPTC 160	Safety in Food Processing Industry	3
AGRI 180	Food System Science	4
MATH GE	Any Gen Ed Math Course	3
<b>Total</b>		<b>14</b>

<b>Spring Semester Freshman Year</b>		
FPTC 140	Introduction to Food Technology & Processing	3
FPTC 140L	Introduction to Food Technology & Processing Lab	1
FPTC 165	Lean Manufacturing	3
FPTC 170	Introduction to Equipment in Food Processing	2
FPTC 170L	Introduction to Equipment in Food Processing Lab	1
COMM 101	Fundamentals of Oral Communication	3
SOCY 105	Human Relations	3
<b>Total</b>		<b>16</b>

<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition I*	3
FPTC 274	Internal Auditing of Food Plants	3
FPTC 150	Food Quality Management*	3
FPTC 150L	Food Quality Management Lab	1
FPTC 253	Quality Control and Laboratory Practices	4
<b>Total</b>		<b>14</b>

<b>Spring Semester Freshman Year</b>		
FPTC 270	Advanced Food Technology and Processing*	4
FPTC 278	Diagnostics and Troubleshooting	4
FPTC 280	Food Processing Projects*	4
FPTC 255	Prerequisite Programs*	3
<b>FPTC 275</b>	<b>External Auditing of Food Plants*</b>	<b>3 Total</b>
<b>18</b>		

**Total Credit Hours Required for this Major 62**

*\*A prerequisite or corequisite required.*

**HORTICULTURE**

**Contact: Chance Munns, (208) 732-6431**  
cmunns@csi.edu

The Horticulture program will provide students with practical hands-on horticulture skills and applied theory in classroom and laboratory settings. The lab settings will include the CSI campus, greenhouse and property owned and managed by the College. Students in this program can earn a Technical Certificate, Associate of Science, Associate of Arts, or an Associate of Applied Science. Students will be able to transfer to a university Horticulture program and complete a bachelor's degree.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Horticulture>

**Program Application Required: Yes**

**Sample Career Opportunities:** Farmers, Ranchers, Agricultural Manager, First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers

*\*Talk to an advisor for additional career choices*

**Intermediate Technical Certificate**  
Major Code: 4116T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
HORT 101	Introduction to Horticulture	3
HORT 204	Plant Materials	3
HORT 234	Greenhouse Management	3
HORT 240	Nursery Management	3
<b>Total</b>		<b>16</b>

<b>Spring Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
SOCY GE	Any Gen. Ed Soc. Science Course	3
HORT 114	Horticulture Activities	1
HORT 200	Horticulture Seminar	1
HORT 202	Plant Propagation	3
PROG ELEC	Program Elective	3
<b>Total</b>		<b>17</b>

<b>Program Electives: 3</b>		
HORT 122	Landscape Maintenance	3
HORT 147	Landscape Design Principles	3
HORT 227	Horticulture Practicum*	1-3

**Total Credit Hours Required for this Major: 33**

*\*Prerequisite or corequisite required.*



Associate of Applied Science  
Major Code: 4116A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
HORT 101	Introduction to Horticulture	3
HORT 204	Plant Materials	3
HORT 240	Nursery Management	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
AGRI 121	Pest Management**	4
HORT 202	Plant Propagation	3
HORT 225	Arboriculture	3
MATH GE	Any Gen. Ed. Math Course	3
ELEC GE	General Education Elective	4
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
HORT 234	Greenhouse Management	3
WATR 140	Irrigation Systems	3
PROG ELEC	Program Elective Group 1	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Sophomore Year</b>		
AGRI 205	General Soils*	3
AGRI 205L	General Soils Lab	1
AGRI 212	Plant Nutrition**	4
HORT 122	Landscape Maintenance	3
PROG ELEC	Program Elective Group 2	1
<b>Total</b>		<b>12</b>
<b>Program Elective Group 1:</b>		
HORT 114	Horticulture Activities	1
HORT 208	Urban Forestry	2
HORT 227	Horticulture Practicum*	4
<b>Total</b>		<b>3</b>
<b>Program Elective Group 2:</b>		
HORT 114	Horticulture Activities	1
HORT 147	Landscape Design Principles	3
HORT 200	Horticulture Seminar	3
HORT 208	Urban Forestry	2
HORT 227	Horticulture Practicum*	4
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required.*

*\*\*Offered every other year; may be taken in reverse order.*

Associate of Arts  
Major Code: 1116R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
HORT 101	Introduction to Horticulture	3
HORT 204	Plant Materials	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
SCIG GE	Any Gen. Ed. Science Course	4
ELEC GE	General Education Elective	4
HORT 122	Landscape Maintenance	3
HORT 202	Plant Propagation	3
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
HUMA GE	Any Gen. Ed. Humanities Course	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
SOCS GE	Any Gen. Ed Soc. Science Course	3
HORT 234	Greenhouse Management	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Sophomore Year</b>		
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 disciplines</i>		
AGRI 205	General Soils*	3
AGRI 205L	General Soils Lab	1
HORT 225	Arboriculture	3
HLTH 155	Health & Wellness	2-3
or HACT	2 Cr Hrs of HACT/HREC/DANC Activities	
<b>Total</b>		<b>15-16</b>
<b>Total Credit Hours Required for this Major:</b>		<b>64-65</b>

*\*Prerequisite or corequisite required.*

Associate of Science  
Major Code: 1116S

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
COMM 101	Fundamentals of Oral Communication	3
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
HORT 101	Introduction to Horticulture	3
CHEM 101	Introduction to Chemistry*	4
<b>Total</b>		<b>17</b>
<b>Spring Semester Freshman Year</b>		
BIOL 201	Biology 1	4
CHEM 102	Essentials of Organic & Biochemistry*	5
ENGL 102	English Composition 2*	3
HORT 200	Horticulture Seminar	1
MATH 143	College Algebra*	3
<b>Total</b>		<b>16</b>
<b>Fall Semester Sophomore Year</b>		
HUMA GE	Any Gen. Ed. Humanities Course	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
HORT 204	Plant Materials	3
HORT 234	Greenhouse Management	3
BIOL 250	General Microbiology	4
<b>Total</b>		<b>16</b>
<b>Spring Semester Sophomore Year</b>		
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 disciplines</i>		
AGRI 205	General Soils*	3
AGRI 205L	General Soils Lab	1
MATH 153	Elementary Statistics	3
ELEC ANY	College Level Elective Courses	2
<b>Total</b>		<b>15</b>
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

*\*Prerequisite or corequisite required.*

VETERINARY TECHNOLOGY

Contact: Dr. Jody Rockett, (208) 732-6408  
jrockett@csi.edu

Veterinary Technology is an AVMA accredited, professional technical program that gives motivated individuals an opportunity to combine their love of animals with their interest in science and medicine. The program prepares students to work in a variety of veterinary medical related settings. Upon program completion students will be eligible to sit for national examination for licensure. Successful completion requires a grade of C or better in all VETT prefix courses is required. To receive an application for the program, contact the Agriculture Department.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/VetTech>

**Program Application Required: Yes**

**Sample Career Opportunities:** Veterinary Technologists and Technicians

*\*Talk to an advisor for additional career choices*

Associate of Applied Science  
Major Code: 4112A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ALLH 101	Medical Terminology	2
MATH 143	College Algebra*	3
VETT 101	Introduction to Veterinary Tech	2
VETT 102	Animal Nursing & Restraint*	3
VETT 105	Comparative Veterinary Anatomy & Physiology 1	4
<b>Total</b>		<b>14</b>
<b>Spring Semester Freshman Year</b>		
BIOL 201	Biology 1	4
VETT 103	Animal Health Records Systems*	3
VETT 110L	Specimen Collection Lab*	3
VETT 120	Clinical Lab Procedures 1*	4
VETT 205	Veterinary Pharmacology*	3
<b>Total</b>		<b>17</b>
<b>Summer Semester Freshman Year</b>		
VETT 285	Cooperative Education	1
<b>Total</b>		<b>1</b>
<b>Fall Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
VETT 121	Clinical Lab Procedures 2*	4
VETT 201	Anesthesiology*	4
VETT 202	Veterinary Surgical Assisting*	4
<b>Total</b>		<b>18</b>
<b>Spring Semester Sophomore Year</b>		
Introduction to Chemistry*		CHEM 101
		4
SOCS GE	Any Gen. Ed Soc. Science Course	3
VETT 203	Veterinary Procedures Seminar*	4
VETT 204	Applied Radiology*	3
VETT 210	Animal Diseases	4
<b>Total</b>		<b>18</b>
<b>Summer Semester Sophomore Year</b>		
VETT 286	Clinic Experience*	1
<b>Total</b>		<b>1</b>
<b>Total Credit Hours Required for this Major:</b>		<b>69</b>

*\*Prerequisite or corequisite required.*

## WATER RESOURCE MGMT

**Contact:** Jeff Cooper, (208) 732-6405  
jcooper@csi.edu

Water Resource Management is specifically intended for people who desire employment involving water quality, measurement, and regulation. Career options are most abundant in municipal and industrial wastewater management. Many jobs nationwide are understaffed by qualified people. State and federal water management agencies also hire graduate but competition is generally greater for these jobs. Employment examples include: water/wastewater plant operator, water adjudication field examiner, hydrologic technician, and land application coordinator for wastewater.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Water>

**Program Application Required:** Yes

**Sample Career Opportunities:** Water and Wastewater Treatment Plant and System Operators

*\*Talk to an advisor for additional career choices*

### Basic Technical Certificate Major Code: 4113V

Course	Course Title	Cr Hrs
ENVT 201	Environmental Law	2
WATR 120	Water Quality	3
WATR 120L	Water Quality Lab	1
WATR 130	Water Measurement	3
WATR 140	Irrigation Systems	2
WATR 140L	Irrigation Systems Lab	1
<b>Total Credit Hours Required for this Major:</b>		<b>12</b>

### Intermediate Technical Certificate Major Code: 4113V

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101 or ENGL 101	Fundamentals of Oral Communication English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
WATR 130	Water Measurement	3
WATR 230	Water Delivery Systems	2
WATR 230L	Water Delivery Systems Lab	1
PROG ELEC	Program Elective	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
ENVT 201	Environmental Law	2
SOCS GE	Any Gen. Ed. Soc. Science Course	3
PROG ELEC	Program Elective	10
<b>Total</b>		<b>15</b>
<b>Program Elective:</b>		<b>13</b>
AGRI	Any Agriculture Course	
AQUA	Any Aquaculture Course	
BIOL	Any Biology Course	
CHEM	Any Chemistry Course	
MATH	Any Math Course	
WATR	Any Water Resource Course	
<b>Total Credit Hours Required for this Major:</b>		<b>30</b>

## WIND ENERGY TECHNICIAN

**Contact:** Kip Morris, (208) 732-6377  
kmmorris@csi.edu

In the Wind Energy program you will learn how to troubleshoot, maintain, and operate industrial size wind turbines. A mechanical aptitude and love of big machines is required. The program will employ both lecture and laboratory formats. Hands-on experience is critical for gaining skills necessary to be successful in the industry. See advisor for program application and admission procedures.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/WindTech>

**Program Application Required:** Yes

**Sample Career Opportunities:** Engineering Technicians

*\*Talk to an advisor for additional career choices*

### Intermediate Technical Certificate Major Code: 4119T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
WIND 105	Tower Safety and Crane Operations	2
WIND 110	Industrial Safety (OSHA 10/CPR)	2
WIND 115	Industrial Tools and Equipment	1
WIND 125	Fluid Power and Hydraulics	1
WIND 130	Fundamentals of Electricity	4
MATH GE	Any Gen. Ed. Math Course	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
SOCS GE	Any Gen. Ed. Social Science	3
WIND 135	Industrial Electricity*	2
WIND 140	Electric Motors, Generators, and Controls*	3
WIND 150	Programmable Logic Controllers*	3
WIND 165	Mechanical Drive Systems*	3
<b>Total</b>		<b>14</b>
<b>Total Credit Hours Required for this Major:</b>		<b>30</b>

*\*Prerequisite or corequisite required.*

Associate of Applied Science  
Major Code: 4119A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
WIND 105	Tower Safety and Crane Operations	2
WIND 110	Industrial Safety (OSHA 10/CPR)	2
WIND 115	Industrial Tools and Equipment	1
WIND 125	Fluid Power and Hydraulics	1
WIND 130	Fundamentals of Electricity	4
ELEC Any	College Level Elective Courses	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
MATH GE	Any Gen. Ed. Math Course	3
SOCS GE	Any Gen. Ed. Social Science	3
WIND 135	Industrial Electricity*	2
WIND 140	Electric Motors, Generators, and Controls*	3
WIND 150	Programmable Logic Controllers*	3
WIND 165	Mechanical Drive Systems*	3
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
PHYS 100	Survey of Physics	4
WIND 260	Turbine Control Systems*	4
WIND 265	Hub Control Systems*	4
WIND 270	Generator Control Systems*	4
<b>Total</b>		<b>16</b>
<b>Spring Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
WIND 280	Data Acquisition and Circuits*	4
WIND 286	Wind Turbine Simulation*	4
WIND 290	Diagnostics and Troubleshooting*	4
<b>Total</b>		<b>15</b>
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

*\*Prerequisite or corequisite required.*

# COURSE DESCRIPTIONS

## AGRICULTURE

<b>AGRI 102</b>	<b>Plant Science in Agriculture</b>	<b>3 Cr Hrs</b>
This course is a study of the importance and distribution of economic plants throughout the world and the relationship of plants to man's welfare. Emphasis will be given to plant morphology, plant anatomy, basic plant growth and development processes, genetics, and plant needs. Corequisite: AGRI 102L		
<b>AGRI 102L</b>	<b>Plant Science in Agriculture Lab</b>	<b>1 Cr Hrs</b>
Lab to complement AGRI 102.		
<b>AGRI 104</b>	<b>Agriculture Management</b>	<b>4 Cr Hrs</b>
Students will study economic principles, records, and analyses that enable decision making for maximum profits in agricultural enterprises. Lectures and labs include tools used for management of financial assets and planning including the balance sheet, income statement, and budgets, investment analysis of business-related improvements, tax issues, and personnel management.		
<b>AGRI 108</b>	<b>Crop Production</b>	<b>4 Cr Hrs</b>
This course is a study of identification, economic importance, and management of important field crops.		
<b>AGRI 109</b>	<b>Principles of Animal Science</b>	<b>3 Cr Hrs</b>
The focus of this course is the scope and potential of the livestock industry and its relationship to society and food systems. Introductory scientific principles of animal science, livestock production systems, and current issues will be taught.		
<b>AGRI 109L</b>	<b>Principles of Animal Science Lab</b>	<b>1 Cr Hrs</b>
Lab for AGRI 109.		
<b>AGRI 110</b>	<b>Professions in Natural Resources</b>	<b>2 Cr Hrs</b>
Course is designed to introduce students to career opportunities, professional development, and current issues in the natural resource professions. Guest lectures and field trips will provide valuable information to facilitate the decision making process and guide course selection.		
<b>AGRI 111</b>	<b>Artificial Insemination of Cattle</b>	<b>2 Cr Hrs</b>
This course introduces techniques and procedures of heat detection, semen handling, and artificial insemination of cattle.		
<b>AGRI 114</b>	<b>Agricultural Activities</b>	<b>2 Cr Hrs</b>
Instruction and participation in leadership and human relations activities including oral communications, parliamentary procedures, committee work, duties of officers, and social and business ethics. Students should earn four Cr Hr hours in this course by taking it every term.		
<b>AGRI 118</b>	<b>Applied Dairy Nutrition</b>	<b>3 Cr Hrs</b>
Course covers dry cow nutrition, metabolic problems, calf nutrition, heifer nutrition, vaccination and health programs, ration balancing, feet and leg problems, cow comfort and milking equipment. Lab will include a field day.		
<b>AGRI 121</b>	<b>Pest Management</b>	<b>4 Cr Hrs</b>
This course is a systematic study of pest control and management in agriculture. Emphasis of instruction is on insects, weeds, diseases, and selection of methods of control, computation of rates and costs and calibrations. Students study state and federal regulations applicable to pest control. Students can test for State Consultant License or appropriate professional applicator's license at the end of the class.		



**AGRI 126 Fundamentals of GIS 3 Cr Hrs**

This course provides an in-depth introduction to the basic concepts and uses of geographic information systems (GIS). The course introduces the student to the theory and techniques of GIS including the history of GIS, spatial data models, spatial and tabular data acquisition, spatial data management, spatial data analysis, and cartographic design and display. Emphasis in lab is placed on the hands-on use of ESRI ArcGIS Desktop software and includes exercises that allow the student to develop skills such as building, editing, and querying a GIS database; spatial data acquisition including digitizing and data capture using a Global Positioning System (GPS) receiver; projecting data; basic spatial analysis; displaying spatial data using basic cartographic principles to create maps; and creating metadata. Prerequisite: Successful completion of the Computer Skills Assessment (CSA) or permission of instructor. Corequisite: AGRI 126L.

**AGRI 126L Fundamentals of GIS Lab 0 Cr Hrs**

Lab for AGRI 126.

**AGRI 155 Introduction to GPS 2 Cr Hrs**

This is a survey of basic mapping concepts and global positioning systems (GPS). Topics include modeling the earth's surface, topographic maps, aerial photo interpretation, thematic maps, basics of GPS hardware, GPS theory and function, GPS data collection and organization, differential GPS data correction, and importing and manipulating GPS data in a user-friendly GIS application (ArcView).

**AGRI 158 Applied Animal Nutrition 4 Cr Hrs**

This course is an application of the principles of nutrition in feeding domestic animals, evaluation and comparison feedstuffs with related computations and important current developments in the livestock feeding industry. Corequisite: AGRI 158L. Concurrent or previous enrollment in AGRI 109 and AGRI 109L is preferred.

**AGRI 160 Introduction to Agriculture Selling 3 Cr Hrs**

This course covers the principles of salesmanship and their application to the agricultural business. Topics will include attitude and value systems, basic behavioral patterns, the purchase decision process, relations of sales to marketing, selling strategies, preparing for sales calls, making sales presentations, and handling objections and closing sales. Emphasis is placed on application of principles to real world situations and on building sales skills through class projects.

**AGRI 180 Food System Science 4 Cr Hrs**

This course provides students with an introduction to food systems, the science of agricultural production, and issues of food safety, processing, delivery, and sustainability involved in the science of food.

**AGRI 181 Intro to Ag Education & Extension 2 Cr Hrs**

This is a preview of purposes and career opportunities in agricultural education; role of secondary agriculture instructor in secondary school systems; career opportunities in agricultural extension; the role of cooperative extension faculty and the basic principles and practices of Cooperative Extension System including related legislation.

**AGRI 190 Intro to Precision Agriculture 3 Cr Hrs**

This is an introduction into the uses of GPS, GIS and variable rate technology in agriculture. This class includes variable rate seeding, fertilizing, controllers for planting, spraying, yield monitoring, and how they affect production.

**AGRI 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**AGRI 200 Agriculture Independent Study 1-4 Cr Hrs**

This is a long-term project by contract. Each Cr Hr hour is equivalent to 45 hours on a project for advanced study. Students should make arrangements with instructors in their field of interest. The request form for this project must be filled out and approved by the instructor, department chairman, and appropriate Instructional Dean. Prerequisite: Instructor permission.

**AGRI 201 Wildland Plant Identification 2 Cr Hrs**

This course is designed to fulfill the Plant Identification requirements of Range Management. Students learn the morphology of plants for identification and are able to identify the 70 common range/wildland plants associated with the requirements for REM 351 at the U of I.

**AGRI 203 Principles of Range Management 3 Cr Hrs**

This course is an introduction to principles of range management, including history, regions, physiological and ecological applications, and planning. It will also include livestock nutrition in Western grazing systems, and range animal and multiple use management.

**AGRI 204 Agriculture Workshop 1-3 Cr Hrs**

Participation in agricultural workshops arranged or approved by the Agribusiness Department. Prerequisite: permission from agribusiness coordinator.

**AGRI 205 General Soils 3 Cr Hrs**

This is an introductory course encompassing the physical, biological, and chemical properties of soils. Students will learn management practices to help ensure sustainable productivity and stability. Computations will be an important part of the course. Prerequisite: CHEM 101 or higher or permission of the instructor.

**AGRI 205L General Soils Lab 1 Cr Hrs**

Lab for AGRI 205.

**AGRI 212 Plant Nutrition 4 Cr Hrs**

This course is a study of the important plant nutrients—their source, processing, uses and soil needs. Computation of rates, costs, and equipment calibration are emphasized. Emphasis on Certified Crop Advisor Exam objectives.

**AGRI 222 Animal Reproduction & Breeding 3 Cr Hrs**

This course provides fundamental information about reproduction and breeding of domestic animals. Topics include functional anatomy, basic physiology, and endocrinology relating to reproduction. Prerequisite: Concurrent or previous enrollment in AGRI 109 and AGRI 109L or instructor of permission.

**AGRI 225 Plants Poisonous to Animals 2 Cr Hrs**

Identification of plants causing death of having anti-nutritional effects on animals will be the emphasis of this course. Toxin, mode of action, animal treatment, and plant control will also be included.

**AGRI 226 Spatial Analysis with GIS 3 Cr Hrs**

This course provides an introduction to spatial analysis. The course will briefly review the principles of statistics and relate them to methods used in analysis of geographically referenced data. The course will introduce sampling strategies for data used in Geographic Information Systems (GIS) using raster and vector data structures. The fundamentals of conventional estimation techniques will be compared with geostatistical techniques. The course will present single and multi-layer statistical operations including classification, recode, interpolation, coordination, and modeling analysis using vectors, raster and TINs. Applications and problems in spatial correlation will be discussed including interpretation of results of spatial analysis and error propagation. ArcView GIS, Spatial Analysis, Network and 3D extension software will be used to demonstrate and practice basic principles of spatial analysis. Dual listed as GEOL 226. Corequisite: AGRI 226L. Prerequisites: AGRI 126 and 126L.

**AGRI 226L Spatial Analysis with GIS Lab 0 Cr Hrs**

Lab for AGRI 226

**AGRI 227 Agricultural Internship 3-6 Cr Hrs**

A four- to ten-week full-time, supervised, on-the-job training program occurring the summer between the first- and second-year enrollment in a full-time agricultural major. Prerequisite: Permission of instructor.

**AGRI 240 Forage Crops 3 Cr Hrs**

An applied study of crops used for forage--their establishment, management, and use--with special emphasis on hay, pasture, and silage crops in Idaho.

**AGRI 250 Agricultural Markets 3 Cr Hrs**

This course will focus on the study of the economics of agricultural markets and pricing institutions; analysis of supply, demand, elasticity, future markets; institutional arrangements in food marketing.

**AGRI 252 Agricultural Issues 1-3 Cr Hrs**

Presentation and study of current topics in agriculture. Designed to help students improve communication abilities and enhance an awareness of rapidly changing agricultural technology and techniques.

**AGRI 253 Animal Evaluation 3 Cr Hrs**

This course provides evaluation and selection of cattle, sheep, and swine for herd replacement; evaluation of market animals; carcass evaluation and grading, slaughter procedures, and factors that affect quality and quantity of meat; visual and objective appraisals. Prerequisite: AGRI 109 and AGRI 109L or instructor permission.

**AGRI 254 Principles of Animal Breeding 3 Cr Hrs**

Application of genetic principles in livestock improvement. Systems of selection, crossbreeding, and inbreeding in farm animals. Use and value of performance testing. Use of records in breeding management. Permission of the Instructor.

**AGRI 256 Professional Development in Agriculture 2 Cr Hrs**

Makes students aware of the qualities and techniques needed to find and keep jobs in agriculture. Topic areas include job seeking; interviewing skills; projecting a good image through good grooming; and promoting a healthy appearance through exercise, nutrition, and a positive image; communication skills; and the attainment of personal goals through time and money management.

**AGRI 261 Livestock Judging 3 Cr Hrs**

This course is a comparative appraisal and selection of beef cattle, sheep, hogs, horses, and meat goats on a live and carcass basis. Students will continue to learn how to evaluate and make just economic decisions based on visual appraisal of livestock. Students will be chosen from the class to represent the College of Southern Idaho at regional and national judging contests. Repeatable for a total of 6 Cr Hrs

**AGRI 261L Livestock Judging Lab 3 Cr Hrs**

Students will have the opportunity to learn the hands on skill of livestock evaluation in a practical environment as well as live animal appraisal and selection of beef cattle, sheep, hogs, horses, and meat goats. Students will travel the area working out on livestock, enhancing their skills. Students will be chosen from the class to represent the College of Southern Idaho at regional and national judging contest. Repeatable for a total of 12 Cr Hrs

**AGRI 262 Advanced Oral Reasons 2 Cr Hrs**

This course provides a competitive learning environment to teach public speaking skills through the practice of oral reasons. Students will learn to become stronger, more confident communicators, decision makers and ultimately more articulate in the reasons room in a competitive setting. Students from this class will be chosen to represent CSI at regional and national Judging contests. Prerequisite: AGRI 253. Corequisite: AGRI 261 and AGRI 261L.

**AGRI 263 Competitive Livestock Judging 1 Cr Hrs**

This course is intended for second-year livestock judging students who expect to compete at the intercollegiate level and travel to events with the team. The course is repeatable for a total of 2 Cr Hrs Pre requisite: Instructor permission required.

**AGRI 271 Animal Anatomy & Physiology 4 Cr Hrs**

This course will familiarize students with the anatomical structures and physiological functions of the cells, tissues and organ systems of domestic animals. Students will develop their knowledge of animal anatomy and physiology as a basis for understanding care and management of livestock. Corequisite: AGRI 271L.

**AGRI 285 Cooperative Education 1-6 Cr Hrs**

Cooperative Education allows the student to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests and skill levels and the learning environment of the site. Written learning objectives agreed upon by the student, the department, and the employer will be the bases for evaluating, grading, and granting of Cr Hr hours. Prerequisite: Successful interview with the placement committee.

**AQUACULTURE**

**AQUA 101 Fisheries Management I 4 Cr Hrs**

An introduction to various species of fish in a variety of pond situations and water qualities, emphasizing trout. A comprehensive study and practical involvement in the management of fish under hatchery conditions. Basic theories, methods, and equipment used in rearing and managing fish will be covered. The application of fish culture practices, feeding, grading, weighing.

**AQUA 102 Diseases of Fish 1 3 Cr Hrs**

Introduction to fish diseases and parasites. Pond site symptoms, recognition of internal and external bacterial diseases, parasites and virus disease problems. Basic diagnostic techniques, methods of treatment, and chemotherapy. Treatment calculation and water flow rates will be covered as well as chemotherapy.

**AQUA 103 Fish Nutrition 1 3 Cr Hrs**

Application of the principle of nutrition in feeding fish in hatchery systems, evaluation, and comparing feed stuff. Basic dietary and metabolic requirements and formulations used at present and important current developments in fish rations. Nutrition-related disease. Calculations, feed conversion, and growth rates. Enrollment limited.

**AQUA 104 Practicum 1 3 Cr Hrs**

Advanced studies in fisheries management problems and procedures. Problems assigned according to experience, interest, and needs of individual student or on-the-job training.

**AQUA 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**AQUA 200 Aquaculture Independent Study 1-4 Cr Hrs**

This course is a long-term project by contact. Each Cr Hr hour is the equivalent to 45 hours on a project for advanced study. Students should make arrangements with instructors in their field of interest. The request form for this project must be filled out and approved by the instructor, department chairman, and appropriate Instructional Dean. Prerequisite: Instructor permission.

- AQUA 201 Fisheries Management 2** 4 Cr Hrs  
A continuation of AQUA 101. Leadership, communication, and human relations skills will be included in AQUA 101 and 201.
- AQUA 202 Diseases of Fish 2** 3 Cr Hrs  
A continuation of AQUA 102.
- AQUA 203 Fish Nutrition 2** 3 Cr Hrs  
A continuation of AQUA 103.
- AQUA 204 Practicum 2** 3 Cr Hrs  
A continuation of AQUA 104.
- AQUA 205 Water Quality in Aquaculture** 2 Cr Hrs  
AQUA 205 is an introduction to water quality in flow through and recirculating aquaculture systems. This course includes a comprehensive study of the relationship of water quality and production of fish. Water quality management will be demonstrated by manipulating water flows, feeding schedules, stocking densities, aeration, oxygen supplementation, and bio filters. Students will learn to use water testing equipment to monitor water quality. Prerequisites: AQUA 101, AQUA 102, AQUA 103, AQUA 104.
- AQUA 285 Cooperative Education** 1-3 Cr Hrs  
Cooperative Education allows the student to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests and skill levels and the learning environment of the site. Written learning objectives agreed upon by the student, the department, and the employer will be the basis for evaluating, grading, and granting of Cr Hr hours. Prerequisite: Successful interview with the placement committee.

## ENVIRONMENTAL TECHNOLOGY

- ENVT 101 Wind Energy** 3 Cr Hrs  
This survey course covers the fundamentals of wind energy focusing on wind production practices for all sizes of turbines, power distribution, and net metering.
- ENVT 105 Introduction to Renewable Energy** 2 Cr Hrs  
This survey course covers fundamentals of renewable energy including energy conservation, load assessment, renewable energy production practices, appropriate technology application, and energy policy. Corequisite: ENVT 105L.
- ENVT 105L Intro to Renewable Energy Lab** 1 Cr Hrs  
This lab accompanies the lecture, applying and reinforcing lesson topics through hands on experience and field trips pertinent to renewable energy sites. Corequisite: ENVT 105.
- ENVT 110 Industrial Safety (OSHA 10/CPR)** 2 Cr Hrs  
Industrial Safety instructs the students in the importance and application of safe industrial practices and OSHA compliance, basic CPR and First Aid. Application to program and instructor approval.
- ENVT 115 Industrial Tools and Equipment** 1 Cr Hrs  
Industrial Tools and Equipment will familiarize students with variety of industrial tools, including hand tools, Power tools and specialty tools used in industrial millwright applications. Application to program and instructor approval.
- ENVT 120 Residential Energy** 2 Cr Hrs  
This class will teach students the best practices for assessing energy inefficiencies in homes and the remediation techniques. A model house will be used to gain experience performing energy audits. Corequisite: ENVT 120L.
- ENVT 120L Residential Energy Lab** 1 Cr Hrs  
This lab accompanies the lecture, applying and reinforcing lesson topics through hands on experience and field trips. Corequisite: ENVT 120.

- ENVT 123 Environmental Technology Internship** 3-6 Cr Hrs  
Students will serve an internship in the renewable energy/water resource industry with approval of the instructor. This course is variable Cr Hr depending on number of contact hours: 45 hours per Cr Hr hour.
- ENVT 125 Fluid Power and Hydraulics** 1 Cr Hrs  
Students will learn the basic principles of hydraulics as mechanical property of liquids. Hydraulics topics cover concepts such as hydraulic pumps, actuators, accumulators, cylinders, control valves, check valves, flow control valves, directional control valves, pressure control valves, motors, filters, coolers and reservoirs. Application to program and instructor approval.
- ENVT 130 Fundamentals of Electricity** 4 Cr Hrs  
Students will be exposed to many facets of electrical energy. This course will cover the basic elements of electricity including voltage, current, resistance, conductors, insulators, electrical power and source of electrical energy, magnetism and historical electrical laws. AC and DC circuits will also be explored, built and tested in the class. Application to program and instructor approval.
- ENVT 135 Industrial Electricity** 2 Cr Hrs  
This course consolidates and applies knowledge gained in electrical theory, generation, motor controls and other industrial technology courses. Students will perform operations with training equipment specific to these functions and work with electrical schematics. Prerequisite: WIND 130 OR ENVT 130.
- ENVT 140 Electric Motors, Generators, & Controls** 3 Cr Hrs  
Students will explore the basic principles of electric motor and generator control (both manual and magnetic), principles of ladder logic, standard control circuits such as start/stop and forward/reverse, as well as troubleshooting techniques. Topic will include manual motor starters, control transformer, magnetic motor starters, overload protection, reversing techniques, timer relays and input devices. Prerequisite: WIND 130 OR ENVT 130.
- ENVT 145 Renewable Electrical Production** 2 Cr Hrs  
This course will focus on the scope of technologies that produce electricity directly or indirectly using renewable methods; specifically electrical solar, thermal solar, wind, geothermal, hydroelectricity, and hydrogen. Corequisite: ENVT 145L. Prerequisite: ENVT 105.
- ENVT 145L Renewable Electrical Production Lab** 1 Cr Hrs  
This lab accompanies the lecture, applying and reinforcing lesson topics through hands on experience and field trips. Corequisite: ENVT 145.
- ENVT 150 Programmable Logic Controllers** 3 Cr Hrs  
Students will identify and explain the basic components, operating characteristics, common programming languages, input/output interfacing and troubleshooting of programmable logic controllers. Students will connect, operate, and troubleshoot PLCs. Prerequisite: ENVT 130 or WIND 130.
- ENVT 155 Biofuels** 2 Cr Hrs  
This course focuses on the scope of combustion fuels made from nonpetroleum materials. The source, processing, and social impacts of biofuel utilization will be covered. Emphasis will be on biogas, biodiesel, ethyl and methyl alcohols. Corequisite: ENVT 155L. Prerequisite: ENVT 105 and ENVT 105L.
- ENVT 155L Biofuels Lab** 1 Cr Hrs  
This lab accompanies the lecture, applying and reinforcing lesson topics through hands on experience and field trips. Corequisite: ENVT 155.
- ENVT 165 Mechanical Drives Systems** 3 Cr Hrs  
Student will be exposed to various types of mechanical drives systems, their components and overall system designs. Relevant course topics will include discussions on the types and maintenance aspects of



bearings, gears, pulleys, sprockets, belts and chain. Students will also learn proper application and installation methods of mechanical drive system components. Prerequisite: WIND 130 or ENVT 130.

**ENVT 201 Environmental Law 2 Cr Hrs**

This course focuses on the legal aspects associated with environmental planning and management. The class will be useful for people likely to be impacted by state and federal land use restriction. We will include discussion of agencies and laws involved in regulation of land, air, and water focusing primarily on eight major environmental statutes.

## EQUINE STUDIES

**EQUUS 101 Introduction to Horses 2 Cr Hrs**

This course explores the scope and potential of the horse industry, horse breeds, tack, and horsemanship.

**EQUUS 102 Equine Massage Therapy 1 Cr Hrs**

This course provides instruction in common physical ailments of horses due to stressed musculature. It will focus on identifying major muscle groups of the horse along with the causes and symptoms of muscle stress and strain. The course will give students a hands-on experience in handling, assessing, and performing a complete equine massage.

**EQUUS 103 Basic Roping Fundamentals 1 Cr Hrs**

This is a course of basic to advanced roping and horsemanship fundamentals. All types of roping, from the ranch to the arena will be observed and practiced. Students will start roping on the ground and advance as their skills progress.

**EQUUS 104 Barrel Racing Techniques 1 Cr Hrs**

This is a course to help students gain a better understanding of barrel racing basics and learn horsemanship skills as well as the benefits of barrel racing for the rider and the horse.

**EQUUS 114 Equine Activities 1 Cr Hrs**

Instruction and participation in leadership and human relations activities including oral communications, parliamentary procedures, committee work, duties of officers, and social and business ethics. Students should repeat this course 4 times.

**EQUUS 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**EQUUS 200 Equine Independent Study 1-4 Cr Hrs**

This course is a long-term project by contact. Each Cr Hr hour is the equivalent to 45 hours on a project for advanced study. Students should make arrangements with instructors in their field of interest. The request form for this project must be filled out and approved by the instructor, department chairman, and appropriate Instructional Dean. Prerequisite: Instructor permission.

**EQUUS 230 Horseshoeing Basics 1 1 Cr Hrs**

This course is a study of the structures and function of the horse's foot as it pertains to farrier science. This is an introduction to basic horseshoeing and trimming practices and will include anatomy and balance. Students are required to provide their own shoeing equipment.

**EQUUS 231 Horseshoeing Basics 2 1 Cr Hrs**

This is a continuation of EQUUS 230 with more emphasis on proper horseshoeing and trimming with a continuation of anatomy and balance. This course includes basic blacksmithing, forge work, and tool maintenance. Students are required to provide their own shoeing equipment.

**EQUUS 232 Equine Nutrition 2 Cr Hrs**

This course covers the anatomy and physiology of the horse digestive system. Students will understand the classification and functions of the nutrients in digestion, absorption, and metabolism and how they relate to maintenance, growth, work, reproduction, herd and feeding of horses. Students will also learn how to determine a balanced food ration and calculate various feed costs.

**EQUUS 233 Equine Reproduction 3 Cr Hrs**

This course will provide a detailed study of the reproductive physiology of horses including hormonal control, nutritional influences, reproductive diseases, reproductive failure, artificial insemination, embryonic development, embryo transfer and applied genetic principles to improve horses through selection and mating.

**EQUUS 234 Horse Health 2 Cr Hrs**

This is a survey of the horse's immune system and diseases of horses. The prevention and control of diseases with minor treatment procedures are stressed.

**EQUUS 236 Horse Judging 1 2 Cr Hrs**

This course will teach the evaluation of common breeds of horses based on conformation. Completion of EQUUS 242 is recommended before enrolling in this course.

**EQUUS 237 Horse Judging 2 2 Cr Hrs**

Students will learn to evaluate common breeds of horses based on performance and practice proper presentation of reasons for evaluation. Completion of EQUUS 242 is recommended before enrolling in this course.

**EQUUS 242 Horse Anatomy & Unsoundness 1 2 Cr Hrs**

This course covers the anatomy of the horse, learning all of the bones and the muscles, their origin and insertion points, and identifying the common unsoundness: their locations, their causes, and possible treatments. In this class, we work from the front foot to the withers.

**EQUUS 243 Horse Anatomy & Unsoundness 2 2 Cr Hrs**

As a continuation of EQUUS 242, this course covers the anatomy of the horse, learning all the bones and the muscles, their origin and insertion points, and identifying common unsoundness: their location, their causes, and possible treatments. In this class, students work from the skull to the hock. Prerequisite: EQUUS 242

**EQUUS 245 Draft Horses 2 Cr Hrs**

This is a survey of today's industry--breeds, history, conformation, principles of harnessing and hitching, and management of draft horses. This course includes showing procedures and training. Laboratory consists of hands-on experience in the handling, harnessing, hitching, driving, and packing of draft horses as well as Dutch oven cooking.

**EQUUS 265 Horsemanship 1 1 Cr Hrs**

This course is designed to teach horsemanship to students of any level and discipline of riding. The student will learn safe horse handling, saddling, mounting, and riding skills.

**EQUUS 266 Horsemanship 2 1 Cr Hrs**

This course is a continuation of EQUUS 265 and is designed to teach advanced horsemanship skills. Students will further their knowledge of safe horse handling and horsemanship skills from the ground to the saddle.

**EQUUS 285 Cooperative Education 1-12 Cr Hrs**

Cooperative Education allows the student to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests and skill levels and the learning environment of the site. Written learning objectives agreed upon by the student, the department, and the employer will be the bases for evaluating, grading, and granting of Cr Hrs.



**EQUUS 290 Business Aspects of Raising Horses 2 Cr Hrs**

This course examines the fundamentals of business relating to the raising of horses including the functional areas of production, marketing, finance, accounting, personnel and labor relations as well as the legal, ethical, technological, and human value environments of business. Students will complete and present a Horse Industry business plan.

**EQUUS 291 Beginning Equitation 1 Cr Hrs**

This course is designed to teach natural horsemanship to students of any level & discipline of riding. You will learn how to become a natural partner & leader for your horse. You will learn saddling and mounting skills, riding skills, and how to communicate to your horse in his own language without using force, fear or intimidation.

**EQUUS 292 Intermediate Equitation 1 Cr Hrs**

This course is designed to teach advanced natural horsemanship skills to students who have completed the Natural Horsemanship I course and have a desire to have true harmony with their horses. You will learn additional savvy skills to help you become a natural partner & leader to your horse. We will be using longer lead line than no lines at all to communicate with our horse and gain our horse's respect and partnership. Prerequisite: EQUUS 291.

**EQUUS 293 Advanced Equitation 1 Cr Hrs**

For experienced students in advanced Western equitation and advanced training of horses. Horse required. Prerequisite: Intermediate Equitation and/or experience or department permission.

**EQUUS 294 Beginning English Equitation 1 Cr Hrs**

Designed to teach basic fundamentals of English-style horseback to students with no previous experience. Grooming, saddling, bridling, mounting, seat, and hands. Basic care of the horse. Study of types of horse gear and equipment. Horse required. Prerequisite: department permission. Enrollment limited.

**EQUUS 295 Intermediate English Equitation 1 Cr Hrs**

A course for intermediate riders with a basic knowledge of English equitation. Emphasis on position of legs, seat, and hands; balance and control of the horse; and figure-eight sitting, trot, and diagonals. Prerequisite: Department permission.

**EQUUS 296 Advanced English Equitation 1 Cr Hrs**

For the advanced rider with emphasis on show ring riding (flat) and/or jumping position of the rider over cavallette, gymnastics, and courses. Prerequisite: Department permission.

**FOOD TECHNOLOGY AND PROCESSING****FPTC 101 Overview of the Food Industry 1 Cr Hrs**

Provides a brief overview of the parts and products of the food processing industry on a regional, state, national and international scale. Emphasizes food safety, quality and current issues while identifying career opportunities.

**FPTC 130 Sanitation in Food Processing 3 Cr Hrs**

Focuses on all dynamic and ongoing functions and operations to prevent contamination beginning with receiving of ingredients through processing and distribution.

**FPTC 135 Controls and Instrumentation 4 Cr Hrs**

This course will provide students with skills and terminology needed to understand the fundamentals of control systems including: concepts, components, layout drawings, schematic drawings, software, hardware, and documentation. Topics covered are: block diagrams, open and closed loop systems, schematics, and automation. This course uses simple projects to gain basic understanding of control systems.

**FPTC 140 Intro to Food Tech & Processing 3 Cr Hrs**

An introduction to food technology, food ingredients, food packaging, food legislation, unit operations in food processing, separation techniques, heat treatments, emulsion technology, chilling, freezing, evaporation, drying, fermentation, food ingredients and additives, cleaning in the food industry and introduction to food safety and quality control.

**FPTC 140L Intro to Food Tech and Processing Lab 1 Cr Hrs**

This course is the concurrent lab portion of FPTC 140. Students will learn critical thinking skills as they work with hands-on applications of food technology and processing.

**FPTC 142 PLC Systems 1 3 Cr Hrs**

This course is an introductory course in automation and robotics. Students will learn to integrate elements of manufacturing production including: design, industrial systems, instrumentation, power, conveyance, programmable logic controllers, and elements of robotics. Hands on operation and experimentation is emphasized.

**FPTC 150 Food Quality Management 3 Cr Hrs**

Students will apply modern statistical methods for quality control and improvement of food processing objectives. The course is designed to expose the student to principles of statistical process control while providing a basis of application in a variety of situations and systems. Corequisite: FPTC 150L. Gen ed math completed or instructor's permission.

**FPTC 150L Food Quality Management Lab 1 Cr Hrs**

This is the Lab for FPTC 150. Students will apply modern statistical methods for quality control and improvement of food processing objectives. The course is designed to expose the student to principles of statistical process control while providing a basis of application in a variety of situations and systems. Corequisite: FPTC 150. Prerequisite: Gen ed math completed or instructor's permission.

**FPTC 160 Safety in the Food Process Industry 3 Cr Hrs**

Teaches basic principles of safety for working in the food industry, including, OSHA, employee safety, injury prevention, safety around equipment, industrial hygiene and recognition of potential hazards.

**FPTC 165 Lean Manufacturing 3 Cr Hrs**

In this course students will learn about lean manufacturing from concepts to practice and implementation. Some topics to cover include setup reduction, value stream mapping, 5S, and introduction to Six Sigma. Students will discover Lean Manufacturing through lectures, readings, and projects.

**FPTC 170 Intro to Equip in Food Processing 2 Cr Hrs**

In this course students will learn about the various pieces of equipment found in a food processing plant and how it works. Some pieces of equipment that students will learn about are evaporators, membranes, dryers, flumes, separators, hydrocutters, level sensors and flow sensors. This class will explain the mechanics of how these various pieces of equipment function in a food processing facility. Corequisite: FPTC 170L.

**FPTC 170L Intro to Equip in Food Processing Lab 1 Cr Hrs**

This is the lab for the FPTC 170 course - In this course students will learn about the various pieces of equipment found in a food processing plant and how it works. Some pieces of equipment that students will learn about are evaporators, membranes, dryers, flumes, separators, hydrocutters, level sensors, and flow sensors. This class will explain the mechanics of how these various pieces of equipment function in a food processing facility. Corequisite: FPTC 170.

**FPTC 172 Industrial Electronics 4 Cr Hrs**

This course covers training in the fundamentals of electrical and electronic theory and operating principles and their application to a typical manufacturing and food or beverage processing facility. The

student will learn about and interact with devices, circuits, and systems used in automated manufacturing or process control. The course will include basics of AC/DC electrical controls along with power systems including 3 phase and motor control.

**FPTC 242 PLC Systems 2 3 Cr Hrs**

This course covers training in the fundamentals of electrical and eThis course is an advanced course in automation and robotics. Students will learn to integrate elements of manufacturing production including design, industrial systems, instrumentation, power, conveyance, programmable logic controllers, and elements of robotics. This course will mainly be project oriented. Prerequisite: FPTC 142 or instructor permission.

**FPTC 250 Machine Maintenance 3 Cr Hrs**

This course is designed to apply physical concepts to machine maintenance and repair for any and all equipment found in industry. The concepts covered include fluids, power, hydraulics, pneumatics, mechanical systems, electronics, and various industrial systems. This will be a hands-on approach to understanding equipment repair and maintenance.

**FPTC 253 Quality Control and Laboratory Practices 4 Cr Hrs**

This class will focus on teaching Good Laboratory Practices and their importance to the food processing laboratory and quality programs in a food processing facility. Students will learn and complete various chemical and microbiological tests that are common in a food processing lab.

**FPTC 255 Prerequisite Programs 3 Cr Hrs**

HACCP (Hazard Analysis Critical Control Point) is a standard in all food plants. The HACCP program is not a stand-alone program but must have strong prerequisite programs to support it. In this course students will learn about several common prerequisite programs and how to create and audit them.

**FPTC 270 Adv Food Tech and Processing 4 Cr Hrs**

In this course students will continue to learn about various pieces of equipment found in a food processing plant and how it works. Students will learn about mass balance among the pieces of equipment. Prerequisite: FPTC 170 and FPTC 170L.

**FPTC 274 Internal Auditing of Food Plants 3 Cr Hrs**

Audits are continually completed in a food plant to ensure compliance to food safety and quality programs. Students will learn about all the steps in an effective internal audit. In addition students will learn about the different internal audits that are conducted in the facility and how to create and maintain them.

**FPTC 275 External Auditing of Food Plants 3 Cr Hrs**

Food Processing facilities are continually being audited by regulatory, customers and third party auditing services. This course will prepare students for handling external audits in the food plant.

**FPTC 278 Diagnostics and Troubleshooting 4 Cr Hrs**

Students will understand the concepts of troubleshooting and its importance in industry. Techniques for troubleshooting electrical and mechanical systems including sensors, PLCs, Robotics, HMIs, and other common automation equipment and mechanical issues will be discussed and experienced. Students will learn a systematic approach to determine faults and problems associated with systems. Students will use prior coursework and skills to solve real world problems.

**FPTC 280 Food Processing Projects 4 Cr Hrs**

In this course students will continue to become proficient in the food processing area. Students will work on projects provided from industry or created within the CSI food processing facility.

**FPTC 285 Cooperative Education/Internships 1-8 Cr Hrs**

Internships and Cooperative Education allows the students to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests and skill levels and the environment of the site for learning. Written learning objectives agreed upon by the student, the department, and the employer will be the basis for evaluating, grading, and granting of credit hours. This course is repeatable to a max of 8 credits.

## HORTICULTURE

**HORT 101 Introduction to Horticulture 3 Cr Hrs**

This is an orientation course for students interested in exploring careers in the 'green industry'. Topics include arboriculture, floriculture, landscaping, greenhouse, nurseries, turf, foliage plants, and business aspects of ornamental horticulture.

**HORT 114 Horticulture Activities 1 Cr Hrs**

Instruction, participation, and skill development in leadership and human relations activities including oral communications, parliamentary procedures, committee work, duties of officers, and social and business ethics. Students may earn up to four Cr Hr hours in this course by taking it every term.

**HORT 122 Landscape Maintenance 3 Cr Hrs**

This course focuses on the cultural and environmental management issues, methods, tools, and materials needed to establish or work within a professional landscape operation. Also explores the opportunities to earn a good living while doing interesting work in this field.

**HORT 132 Introduction to Landscape CAD 3 Cr Hrs**

This course explores the interface and tools related to current software used for drafting landscape plans and other design work. Students will explore the software and master basic tools and hot keys to help them set up, design, and plot landscape plans and drawings while creating their own blocks and symbols.

**HORT 147 Landscape Planning & Design 3 Cr Hrs**

Using plants and landscapes, students solve biological, economic, environmental and cultural problems through projects with real property lines and clients. This practical approach introduces the principles, elements and techniques involved with the design process and gives students the experience needed to read, bid, and consult on landscape plans for residential and commercial properties.

**HORT 160 Introduction to Gardening 1 Cr Hrs**

This course covers the fundamentals of vegetable and flower gardening. Topics include understanding how plants grow, soil amendments, types and styles of gardening, planting techniques, water and fertilizer management, pest recognition and control, and weed control. Students will also have the opportunity to start plants from seed in the Horticulture Program greenhouse. This is a 6-week course.

**HORT 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**HORT 200 Horticulture Seminar 1 Cr Hrs**

This course allows the student to apply learning to career interests through attendance, participation, evaluation and reporting on Horticultural seminars, workshops, expos, and /or meetings of Horticultural Industry organizations. Students will do a survey of green industry educational opportunities being offered during the semester they take this course and will develop and carry out a plan for participation in at least 45 hours of activities approved by the advisor.

Students will also be responsible to do written and oral evaluations of their activities. This course is designed for Horticulture majors who are planning to continue their education at the University level.

**HORT 201 Turfgrass Culture 3 Cr Hrs**

This course covers the important features of turfgrass systems, interaction between system components, and principles of turfgrass management as we unlock the mysteries of utility turf, lawn turf, and sports turf.

**HORT 202 Plant Propagation 3 Cr Hrs**

This course examines plant reproduction by sexual (flower to seed) and asexual (vegetative) means. Included are discussion and hands-on learning of seed production, collection, and germination along with cuttings, division, layering, grafting, budding, and micro propagation of herbaceous and woody plants. Prerequisite: HORT 101.

**HORT 204 Plant Materials 3 Cr Hrs**

Plant Materials offers opportunities to study herbaceous and woody plants used for food, timber, drugs and ornamental landscapes both indoors and out. Students will research over 120 plants in depth to understand their identity, history and potential use in the landscape for different situations. Plant categories include native, indoor, medicinal, bedding, timber, nursery stock and produce.

**HORT 208 Urban Forestry 2 Cr Hrs**

This course is an up-close study of public trees on national, state, and local levels. Proper planning, planting, protection, and maintenance our community forests are presented. It also looks at cultural, environmental, and legal issues which urban foresters may encounter.

**HORT 225 Arboriculture 3 Cr Hrs**

This course covers trees from top to bottom and from the inside out. Understanding the characteristics of trees facilitates the professional care and maintenance required for one of our most valuable natural resources. It covers the subjects needed to prepare students for national and/or international Arborist Certification.

**HORT 227 Horticulture Practicum 1-6 Cr Hrs**

A four to ten week full-time, supervised on-the-job training program which allows the student to apply learning to career interests. For full-time students in the Horticulture major. Prerequisite: Instructor permission.

**HORT 234 Greenhouse Management 3 Cr Hrs**

This course is an inside look at the floriculture, bedding plant, and foliage industries with hands-on experience in the production and marketing of greenhouse grown plants. Topics include greenhouse structures and components, controlling closed environments, aeroponic, hydroponic, pot and tray cropping systems, and cultural requirements.

**HORT 235 Advanced Greenhouse Studies 3 Cr Hrs**

Hands-on experience in the production and marketing of greenhouse grown plants. Topics include: pot and tray cropping systems and production, greenhouse structures and components, controlling closed environments, pest management, potting soils, fertility, watering, and crop specific cultural requirements.

**HORT 240 Nursery Management 3 Cr Hrs**

This course is a study of cultural and management practices from both business and production points of view as they pertain to the nursery industry. Discussions include roses, Christmas trees, wholesale and retail marketing, crop production from propagation to harvest and storage of field grown and container grown stock, pest management, and nursery organization and development.

**HORT 247 Applied Landscape Design 3 Cr Hrs**

As an extension of HORT 147 Landscape Design Principles and Elements, Applied Landscape Design stretches the student imagination with creative design ideas and requires applied drafting and CAD

technology application in the design process. This course is offered as a culminating design student experience to prepare for the landscape design industry and possible continuation in a University Landscape Architecture program. Prerequisite: HORT 147 and DRAT 132.

## VETERINARY TECHNOLOGY

**VETT 101 Introduction to Veterinary Tech 2 Cr Hrs**

This is an orientation course designed to familiarize students with the ethical and practical considerations of veterinary technology. Discussion of career options, affiliated medical associations, state and federal organizations, human-animal bonding, and public relations included in this course. Veterinary Technology Program application and acceptance required.

**VETT 102 Animal Nursing & Restraint 3 Cr Hrs**

Course acquaints students with proper restraint methods for large, small, and exotic animal species. Students learn technical skills involved in husbandry, examination, and medical documentation for sick animals. Emphasis is placed on physical examination relating to disease and the veterinary technician practice model. Concurrent enrollment in VETT 105.

**VETT 103 Animal Health Records Systems 3 Cr Hrs**

This course designed to familiarize technicians with office procedures/management, record keeping, veterinary computer applications, telephone techniques and legal aspects of veterinary practice. Emphasis will be on computer components, the practical application of Window XP and Microsoft Office 2007: Outlook, Excel, Word and PowerPoint. The course will develop the skills necessary to pass the Computer Skills Assessment Test (CSA) required to graduate from the College of Southern Idaho. It will also introduce the student to AVImark, a common veterinary client service software program. Prerequisite: VETT 101 with a grade of "C" or better.

**VETT 104 Integrative Medicine 1 Cr Hrs**

This is a survey course designed to acquaint students with alternative veterinary therapies. Treatment modalities include acupuncture, chiropractic, massage, aroma, and magnetic therapies.

**VETT 105 Comparative Veterinary Anatomy & Physiology 1 4 Crs**

This course is a fundamental study of the anatomy and physiology of various domestic species. The student will examine skeletal, muscular, cardiovascular, respiratory, urinary tract, digestive, reproductive, lymphatic, immune, and neurological systems. Concurrent enrollment in VETT 102 is required.

**VETT 110 Specimen Collection Lab 3 Cr Hrs**

Course introduces student to specimen collection techniques and equipment used in the veterinary clinic; also acquaints students with the administration of medications and select nursing procedures as they relate to animal disease. Prerequisite: VETT 102 and 105 passed with a 'C' or better.

**VETT 120 Clinical Laboratory Procedures 1 4 Cr Hrs**

Course is a comprehensive overview of laboratory procedures used in veterinary medicine. Clinical applications of hematology, cytology, serology, urinalysis, and the various tests used to identify specific organ abnormalities will be covered. Strong emphasis is placed on normal versus disease induced changes of hematological parameters. Prerequisite: VETT 105 passed with C or better.

**VETT 121 Clinical Laboratory Procedures 2 4 Cr Hrs**

Course acquaints students with the identification and culturing techniques of pathogenic bacteria, fungi, and viruses in domestic species. Antibiotic sensitivity and control of infectious agents will also be addressed. Students will also become familiar with the biology and identification of internal and external parasites of domestic animals.



Emphasis is placed on routine diagnostic tests as well as clinical manifestations of parasitism and preventative measures. Prerequisite: VETT 120 passed with C or better.

**VETT 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**VETT 201 Anesthesiology 4 Cr Hrs**

Designed to familiarize students with principles of local, regional and general modes of anesthesia. Primary emphasis on monitoring various parameters during induction, maintenance and recovery periods. Prerequisite: VETT 110 with a 'C' or better.

**VETT 202 Veterinary Surgical Assisting 4 Cr Hrs**

Instructs students on principles of sterile technique, basic operating room procedures, patient preparation, surgical assisting, and post-surgical care. Emphasis on instrument identification, pack preparation and sterilization. Prerequisite: VETT 110 with a 'C' or better.

**VETT 203 Veterinary Procedures Seminar 4 Cr Hrs**

Course is a continuation of VETT 110, which familiarizes students with various clinical techniques, emergency medicine, and veterinary nursing applications. Prerequisite: VETT 201, 202 both passed with C or better.

**VETT 204 Applied Radiology 3 Cr Hrs**

A technical course covering the principles of radiology including radiological techniques, animal positioning, darkroom procedures and radiation safety. Alternative imaging methods including ultrasound will be discussed. Prerequisite: VETT 201 with a 'C' or better.

**VETT 205 Veterinary Pharmacology 3 Cr Hrs**

Acquaints students with various drugs/biologics used in veterinary medicine. Includes nomenclature, methods of administration, modes of action and elimination and dosage calculations. Prerequisite: VETT 105 with a 'C' or better.

**VETT 210 Animal Diseases 4 Cr Hrs**

This theory course is designed to familiarize students with common diseases of all domestic species including dogs, cats, exotics, horses, cattle, and small ruminants. Emphasis is on modes of transmission, prevention, herd health management, and client education. Prerequisite: VETT 105 with a "C" or better.

**VETT 285 Cooperative Education 1 Cr Hrs**

A cooperative effort between practicing veterinary facilities and the College of Southern Idaho to provide practical hands-on training. Students will observe, assist and perform tasks at selected facilities as directed by the veterinary staff.

**VETT 286 Clinic Experience 1 Cr Hrs**

A cooperative effort between practicing veterinary facilities and the College of Southern Idaho to provide practical (hands-on training). Prerequisite: All VETT prefix courses completed with a grade of 'C' or better.

**WATER RESOURCE MANAGEMENT**

**WATR 120 Water Quality 3 Cr Hrs**

This course is a study of the definition of and the factors affecting the quality of water in natural and municipal waste systems. Students will learn how to assess the quality of water using basic instruments. Corequisite: WATR 120L.

**WATR 120L Water Quality Lab 1 Cr Hrs**

This lab accompanies the lecture, applying and reinforcing lesson topics through hands on experience and field trips. Corequisite: WATR 120.

**WATR 130 Water Measurement 3 Cr Hrs**

Measurement of water in open channels as well as through pipelines will be taught. Completion of MATH 123 highly recommended before enrolling in this course.

**WATR 140 Irrigation Systems 2 Cr Hrs**

This course is a study of different types of irrigation systems, irrigation scheduling techniques, and properties of soils that effect water retention. Corequisite: WATR 140L.

**WATR 140L Irrigation Systems Lab 1 Cr Hrs**

This lab accompanies the lecture, applying and reinforcing lesson topics through hands on experience and field trips. Corequisite: WATR 140.

**WATR 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**WATR 210 Introduction to Hydrology 2 Cr Hrs**

This is an introductory course centered around the hydrologic cycle and the different factors that influence it. Both surface and ground water will be studied.

**WATR 230 Water Delivery Systems 2 Cr Hrs**

Students will be instructed in methods of water conveyance, well construction, pump basics, and electric motor selection. Corequisite: WATR 230L.

**WATR 230L Water Delivery Systems Lab 1 Cr Hrs**

This lab accompanies the lecture, applying and reinforcing lesson topics through hands on experience and field trips. Corequisite: WATER 230.

**WATR 240 Wastewater Systems & Treatment 2 Cr Hrs**

This course focuses on an investigation of municipal and industrial wastewater treatment processes.

**WATR 245E Class 2 Certification 12 Cr Hrs**

This course is intended for Idaho water/wastewater class II certified individuals.

**WATR 246E Class 3 Certification 12 Cr Hrs**

This course is intended for Idaho water/wastewater class III certified individuals.

**WATR 247E Class 4 Certification 12 Cr Hrs**

This course is intended for Idaho water/wastewater class IV certified individuals.

**WIND ENERGY TECHNOLOGY**

**WIND 105 Tower Safety and Crane Operations 2 Cr Hrs**

Tower Safety and Crane Operations will provide students the required skills and information to safely climb and navigate wind turbine towers and nacelles. Students will be required to climb a wind turbine tower or equivalent as a component of this course. This course is very physically demanding. Students will also learn to safely secure, move, and place heavy objects. Crane hand signals, rigging hardware and safety are examples of relevant course topics. Prerequisite: Application to program and instructor approval.



- WIND 110 Industrial Safety (OSHA 10/CPR) 2 Cr Hrs**  
Industrial Safety instructs the students in the importance and application of safe industrial practices and OSHA compliance, basic CPR and First Aid. Prerequisite: Application to program and instructor approval.
- WIND 115 Industrial Tools and Equipment 1 Cr Hrs**  
Industrial Tools and Equipment will familiarize students with a variety of industrial tools, including hand tools, Power tools, and specialty tools used in industrial millwright applications. Prerequisite: Application to program and instructor approval.
- WIND 123 Wind Energy Internship 3-6 Cr Hrs**  
Students will serve an internship in the wind industry with approval of the instructor. This course is variable Cr Hr depending on number of contact hours: 45 hours per Cr Hr hour.
- WIND 125 Fluid Power and Hydraulics 1 Cr Hrs**  
Students will learn the basic principles of hydraulic as a mechanical property of liquids. Hydraulic topics cover concepts such as hydraulic pumps, actuators, accumulators, cylinders, control valves, check valves, flow control valves, directional control valves, pressure control valves, motors, filters, coolers and reservoirs. Prerequisite: Application to program and instructor approval.
- WIND 130 Fundamentals of Electricity 4 Cr Hrs**  
Students will be exposed to many facets of electrical energy. This course will cover the basic elements of electricity including voltage, current, resistance, conductors, insulators, electrical power and source of electrical energy, magnetism and historical electrical laws. AC and DC circuits will also be explored, built and tested in the class. Prerequisite: Application to program and instructor approval.
- WIND 135 Industrial Electricity 2 Cr Hrs**  
This course consolidates and applies knowledge gained in electrical theory, generation, motor controls and other industrial technology courses. Students will perform operations with training equipment specific to these functions and work with electrical schematics. Prerequisite: WIND 130 OR ENVT 130
- WIND 140 Electric Motors, Generators, & Controls 3 Cr Hrs**  
Students will explore the basic principles of electric motor and generator control (both manual and magnetic), principles of ladder logic, standard control circuits such as start/stop and forward/reverse, as well as troubleshooting techniques. Topic will include manual motor starters, control transformer, magnetic motor starters, overload protection, reversing techniques, timer relays and input devices. Prerequisite: WIND 130 OR ENVT 130
- WIND 150 Programmable Logic Controllers 3 Cr Hrs**  
Students will identify and explain the basic components operating characteristics, common programming languages, input/output interfacing and troubleshooting of programmable logic controllers. Students will connect, operate, and troubleshoot PLC's. Prerequisite: WIND 130.
- WIND 165 Mechanical Drives Systems 3 Cr Hrs**  
Student will be exposed to various types of mechanical drives systems, their components and overall system designs. Relevant course topics will include discussions on the types and maintenance aspects of bearings, gears, pulleys, sprockets, belts and chain. Students will also learn proper application and installation methods of mechanical drive system components. Prerequisite: WIND 130 or ENVT 130.
- WIND 200 Wind Independent Study 1-4 Cr Hrs**  
This is a long-term project by contract. Each Cr Hr hour is equivalent to 45 hours on a project for advanced study. Students should make arrangements with instructors in their field of interest. The request form for this project must be filled out and approved by the instructor, department chairman, and appropriate Instructional Dean. Prerequisite: Instructor permission.
- WIND 260 Turbine Control Systems 4 Cr Hrs**  
Students will begin working with wind turbine control systems and utilize them to operate a working wind simulator. Prerequisite: Wind 150.
- WIND 265 Hub Control Systems 4 Cr Hrs**  
This technical Cr Hr course is designed to give the student a thorough overview of wind turbine hub systems and utilizing prior skills to operate a working wind turbine simulator. Prerequisite: WIND 150.
- WIND 270 Generator Control Systems 4 Cr Hrs**  
Students will begin working with realistic wind turbine generator control systems to monitor power generation, conditioning monitoring and general system performance. Prerequisite: WIND 150.
- WIND 280 Data Acquisition and Circuits 4 Cr Hrs**  
This course is the study of transducers and measurement techniques including data conversion and computer data acquisition methods. The course will give the student information on how resource data is collected and analyzed for the use in a variety of control situations (e.g. wind turbine yaw control). Prerequisite: WIND 260.
- WIND 285 Cooperative Education 1-12 Cr Hrs**  
Cooperative Education allows the student to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests, skill levels, and the learning environment of the site. Written learning objectives agreed upon by the student, the department, and the employer will be the bases for evaluating, grading, and granting of Cr Hr hours. Prerequisite: Successful interview with the placement committee
- WIND 286 Wind Turbine Simulation 4 Cr Hrs**  
This Course serves as a completion of WIND 260, 265, 270. Students will join together and operate all of the units as a complete wind turbine generation system. This work will be done in realistic fashion on a simulator. Prerequisite: WIND 260.
- WIND 290 Diagnostics and Troubleshooting 4 Cr Hrs**  
Students will work in a hands on method to determine faults and various problems associated with a working wind turbine. Students will utilize all of the prior coursework as a function of this class in order to solve real world problems Prerequisite: WIND 260.

# BIOLOGY DEPARTMENT



## PROGRAMS OF STUDY

### BIOLOGY

**Contact:** Jayson Lloyd, (208) 732-6547  
jllloyd@csi.edu

Biology is the study of life. The Biology major is appropriate for students with interests in the following fields: Biochemistry, Bioinformatics, Biology, Biotechnology, Botany, Cellular/Molecular Biology, Conservation Biology, Ecology, Genetics, Marine Biology, Microbiology, Zoology. This program of study allows students to develop a strong foundation in biological science and is an entry point for a wide variety of careers. Completion of the program will prepare students to transfer to four year universities and professional programs. Students are encouraged to contact their advisor and future transfer institution for additional information.

**Program Application Required: No**

**Sample Career Opportunities:** Natural Sciences Managers; Biological Scientists; Life Scientists; Postsecondary Biological Science Teachers

*\*Talk to an advisor for additional career choices*

Associate of Science  
Major Code: 1941S

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 147	Precalculus*	5
BIOL 201	Biology 1	4
CHEM 111	Principles of Chemistry 1*	5
<b>Total</b>		<b>17</b>
<b>Spring Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 102	English Composition 2*	3
BIOL 202	Biology 2*	4
CHEM 112	Principles of Chemistry 2*	5
<b>Total</b>		<b>15</b>
<b>Fall Semester Sophomore Year</b>		
BIOL 209 or BIOL 250	**General Ecology* **General Microbiology*	4
HUMA GE	Any Gen. Ed. Humanities Course	3
PHYS 111	General Physics 1*	4
SOCS GE	Any Gen Ed Soc. Science Course	3
<b>Total</b>		<b>14</b>
<b>Spring Semester Sophomore Year</b>		
BIOL 204	Introduction to Cell Biology*	4
SOCS GE2	Any 2nd Gen Ed Soc Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 disciplines</i>		
PHYS 112	General Physics 2*	4
<b>Total</b>		<b>14</b>
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required.*

*\*\*Some transfer institutions may require both of these courses.*

*Check with your transfer institution for program requirements.*

# BIOLOGY - HEALTH CARE

Contact: Jayson Lloyd, (208) 732-6547  
jllloyd@csi.edu

Biology is the study of life. The Biology-Health Care major is appropriate for students with interests in the following fields: Chiropractic Medicine, Dental Hygiene, Dentistry, Dietetics, Medical Laboratory Science, Medicine, Occupational Therapy, Optometry, Pharmacy, Physical Therapist Assistant, Physician Assistant, Podiatry, Respiratory Therapy, Speech Pathology/Audiology, Veterinary Medicine.

This program of study allows students to develop a strong foundation in biological science and is an entry point for a wide variety of careers. Completion of the program will prepare students to transfer to four year universities and professional programs. Students are encouraged to contact their advisor and future transfer institution for additional information.

**Program Application Required: No**

**Sample Career Opportunities:** Natural Sciences Managers; Biological Scientists; Life Scientists; Postsecondary Biological Science Teachers

*\*Talk to an advisor for additional career choices*

Associate of Science  
Major Code: 1931S

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 143	College Algebra*	3
BIOL 201	Biology 1	4
CHEM 101	Introduction to Chemistry*	4
or CHEM 111	Principles of Chemistry 1*	5
<b>Total</b>		<b>14-15</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
BIOL 202	Biology 2*	4
CHEM 102	Essentials of Organic & Biochemistry*	5
or CHEM 112	Principles of Chemistry 2*	5
PROG ELEC	Program Elective	4
<b>Total</b>		<b>16</b>
<b>Fall Semester Sophomore Year</b>		
SOCS GE	Any Gen. Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
HUMA GE	Any Gen. Ed. Humanities Course	3
COMM 101	Fundamentals of Oral Communication	3
PROG ELEC	Program Elective	8
<b>Total</b>		<b>17</b>
<b>Spring Semester Sophomore Year</b>		
PSYC 101	General Psychology	3
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
PROG ELEC	Program Elective	6-7
<b>Total</b>		<b>12-13</b>

**Program Electives**

ACCT 201	Intro to Financial Accounting*	3
ALLH 101	Medical Terminology	2
ALLH 105	Bioethics for Health Professional	2
ALLH 202	Introduction to Allied Health	2
ALLH 220	Fundamentals of Nutrition	3
ALLH 230	Healthy Aspects of Aging	3
ANTH 102	Cultural Anthropology	3
BIOL 172	Workplace Ethics in Science	1
BIOL 204	Introduction to Cell Biology*	4
BIOL 227	Human Anatomy & Physiology 1*	4
BIOL 228	Human Anatomy & Physiology 2*	4
BIOL 221	Introductory Microbiology	4
or BIOL 250	**General Microbiology*	4
CHEM 253	Quantitative Analysis*	5
CHEM 298	Organic Chemistry 1*	4
CHEM 299	Organic Chemistry 2*	5
ECON 201	Principles of Macroeconomics	3
ECON 202	Principles of Microeconomics	3
ENGL 202	Technical Communication*	3
MATH 144	Trigonometry*	2
MATH 153	Elementary Statistics*	3
MATH 160	Brief Calculus*	4
MATH 170	Calculus 1*	5
MATH 175	Calculus 2*	4
PHYS 111	General Physics 1*	4
PHYS 112	General Physics 2*	4
PSYC 201	Child & Adolescent Development*	3
PSYC 211	Psychology of Death and Dying*	3
SOCY 101	Introduction to Sociology	3

**Total Credit Hours Required for this Major: 60**

*\*Prerequisite or corequisite required.*

*\*\*Some transfer institutions may require both of these courses.*

*Check with your transfer institution for program requirements.*

# BIOLOGY - NATURAL RESOURCES

Contact: Jayson Lloyd, (208) 732-6547  
jlloyd@csi.edu

Biology is the study of life. The Biology-Natural Resources major is appropriate for students with interests in the following fields: Environment Science, Fish and Wildlife Resources, Forestry, Public/Environmental Health, Range Science, Recreation Management, Natural Science. This program of study allows students to develop a strong foundation in biological science and is an entry point for a wide variety of careers. Completion of the program will prepare students to transfer to four year universities and professional programs. Students are encouraged to contact their advisor and future transfer institution for additional information.

## Program Application Required: No

**Sample Career Opportunities:** Natural Sciences Managers; Biological Scientists; Life Scientists; Postsecondary Biological Science Teachers

*\*Talk to an advisor for additional career choices*

Associate of Science  
Major Code: 19325

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen Ed Math Course	3
BIOL 201	Biology 1	4
CHEM 101	Introduction to Chemistry*	4
or CHEM 111	Principles of Chemistry 1*	5
<b>Total</b>		<b>14-15</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
BIOL 202	Biology 2*	4
CHEM 102	Essentials of Organic & Biochemistry*	5
or CHEM 112	Principles of Chemistry 2*	5
SOCS GE	Any Gen. Ed Soc. Science Course	3
COMM 101	Fundamentals of Oral Communication	3
<b>Total</b>		<b>18</b>
<b>Fall Semester Sophomore Year</b>		
BIOL 209	General Ecology*	4
HUMA GE	Any Gen. Ed. Humanities Course	3
PROG ELEC	Program Elective	8
<b>Total</b>		<b>15</b>
<b>Spring Semester Sophomore Year</b>		
SOCS GE	Any 2nd Gen. Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
PROG ELEC	Program Elective	6-7
<b>Total</b>		<b>12-13</b>

## Program Electives

AGRI 203	Principles of Range Management	3
AGRI 205	General Soils*	3
AGRI 205L	General Soils Lab	1
BIOL 110	Professions in Natural Resources	2
BIOL 120	Environmental Science	4
BIOL 172	Workplace Ethics in Science	1
BIOL 204	Introduction to Cell Biology	4
BIOL 210	Science Literature & Environment*	3
BIOL 221	Introductory Microbiology	4
or BIOL 250	General Microbiology*	4
BIOL 275	Field Biology	1-3
CHEM 253	Quantitative Analysis*	5
CHEM 298	Organic Chemistry 1*	4
CHEM 299	Organic Chemistry 2*	5
ECON 201	Principles of Macroeconomics	3
ECON 202	Principles of Microeconomics	3
ENGL 202	Technical Communication*	3
GEOG 100	Physical Geography	4
GEOL 101	Physical Geology	4
GEOL 104	Natural Disasters and Env Geology	4
GEOL 126	Fundamentals of GIS*	3
GEOL 155	Introduction to GPS	2
GEOL 226	Spatial Analysis with GIS	3
MATH 144	Trigonometry*	2
MATH 153	Elementary Statistics*	3
MATH 160	Brief Calculus*	4
MATH 170	Calculus 1*	5
PHIL 202	Ethics	3
PHYS 100	Survey of Physics	4
PHYS 111	General Physics 1*	4
PHYS 112	General Physics 2*	4
PHYS 211	Physics Scientists & Engineers 1*	5
PHYS 212	Physics Scientists & Engineers 2*	5
POLS 102	Introduction to Political Science	3
PSYC 101	General Psychology	3

**Total Credit Hours Required for this Major: 60**

*\*Prerequisite or corequisite required.*



# COURSE DESCRIPTIONS

## BIOLOGY

### **BIOL 100 Concepts of Biology 4 Cr Hrs**

This is an introductory course for non-science majors. The course will provide an introduction to the principles and processes that apply to living systems including a broad range of current biological issues. It meets for an equivalent of 5 contact hours per week with a minimum of 2 contact hours devoted to laboratory/investigative activities.

### **BIOL 105 Human Structure & Function 4 Cr Hrs**

This is a one-term introduction to the structure and function of the human body. All systems of the body are studied. This course is required for various technical health career programs. It does not meet the requirements for biology degrees or four-year transfer programs. Corequisite: BIOL 105L.

### **BIOL 105B Human Structure & Function 4 Cr Hrs**

This is a one-term introduction to the structure and function of the human body. All systems of the body are studied. The course is required for technical health career programs, such as Allied Health, Dental Assisting, EMT, Medical Assisting, Practical Nursing, Radiologic Technology, and Surgical Technology. This course includes both lecture and lab components.

### **BIOL 110 Professions in Natural Resources 2 Cr Hrs**

This course is designed to introduce students to career opportunities, professional development, and current issues in the natural resource professions. Guest lectures and field trips will provide valuable information to facilitate the decision making process and guide course selection.

### **BIOL 120 Environmental Science 4 Cr Hrs**

This course is designed for non-science majors. It will consider scientific principles and their influence on environmental problems in today's society. The role of humans and our impact on these issues will be emphasized. Past, present, and future trends will be evaluated along with the possible impacts of these trends on the local and global populace. This course meets for an equivalent of 5 contact hours per week with a minimum of 2 contact hours devoted to laboratory/investigative activities.

### **BIOL 172 Workplace Ethics in Science 1 Cr Hr.**

The objective of this course is to provide an opportunity for the students to discuss situational ethics in science with other students and faculty members. This course will cover issues such as scientific misconduct, conflict of interest, authorship of papers, misrepresentation, bias, fraud and plagiarism. The class will be constructed as a discussion class based on material selected by the instructor.

### **BIOL 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

### **BIOL 200 Biology Independent Study 1-3 Cr Hrs**

This is a term-long project. Each credit hour is equivalent to 45 hours on the project. Students should make arrangements with instructors in their field of interest. The request form for this project must be filled out and approved by the instructor, department chairman, and Academic Dean and filed in the Records Office. Prerequisite: One lab science course.

### **BIOL 201 Biology 1 4 Cr Hrs**

This is an introductory biology course for science majors. It will emphasize biological principles important in understanding living organisms to include: evolution, general biochemistry, cytology, Mendelian and molecular genetics, and ecology. Prior completion of CHEM 101 or CHEM 111 is strongly recommended. Students who believe they may be eligible for advance placement status in courses listing BIOL 201 as a prerequisite should see the Biology Department chairman. Corequisite: BIOL 201L.

### **BIOL 202 Biology 2 4 Cr Hrs**

This course is designed for science majors and provides an overview of evolution, the diversity of life, and the fundamentals of organismal structure and function. All domains and kingdoms of life are included with the primary focus on plants and animals. Students will complete a taxonomic and comparative study of organismal anatomy, physiology, and evolutionary relationships. Prerequisite: BIOL 201 or instructor permission. Corequisite: BIOL 202L

### **BIOL 204 Introduction to Cell Biology 4 Cr Hrs**

Cell Biology is a study of biological principles with emphasis upon molecular cell biology - membranes, organelles, energy transfers, cell physiology, and molecular genetics. This course is for science majors. Prerequisite: CHEM 102 or CHEM 111 and BIOL 202 or BIOL 250. Corequisite: BIOL 204L

### **BIOL 209 General Ecology 4 Cr Hrs**

This Course is designed for biology majors. The discipline of ecology addresses the interactions of organisms with other organisms as well as the abiotic environment. It is inherently broad in scope, encompassing everything from microorganisms to the entire biosphere. This course will cover the major concepts and techniques of ecology as well as applications of these concepts to current issues. The goal is to provide the tools and knowledge of concepts necessary for those entering careers in ecological fields. Prerequisite: BIOL 202. MATH 153 highly recommended. Corequisite: BIOL 209L.

### **BIOL 210 Science Literature & Environment 3 Cr Hrs**

This course surveys regional environmental issues; introduces students to the concepts of environmental science; investigates the human relationship to nature through environmental literature; and explores how both scientific and imaginative thinking can clarify what is at stake in regional environmental issues. In addition to class time, four required field trips are day trips around southern Idaho and northern Utah. The Final field study is a 3 day trip to study the greater Yellowstone ecosystem and the reintroduction of the wolf and grizzly. Prerequisite: ENGL 101 plus BIOL 100, or BIOL 120, or BIOL 201 or instructor permission.

### **BIOL 221 Introductory Microbiology 4 Cr Hrs**

BIOL 221 is an introduction to the fundamental principles of microbial systems and to the information generated in microbiology that has enriched all segments of biology. The course has a public health/infectious disease emphasis. Many dimensions of the microbial world will be discussed that will include sub-cellular organization and functions, basic information about life cycles, cell division and genetics. The activities of microorganisms in disease, global elemental cycles, sewage disposal, industrial processes and food and dairy product manufacturing will be introduced. In addition, contemporary topics in microbiology will be covered. Corequisite: BIOL 221L.

### **BIOL 227 Human Anatomy & Physiology 1 4 Cr Hrs**

This course is an introduction to the study of structure (anatomy) and function (physiology) of the human body. The following systems are studied: integumentary, skeletal, muscular, and nervous. Unifying themes of homeostasis and whole-body functioning are emphasized. The laboratory sessions include cadaver prosection. The course conforms to the guidelines established by the Human Anatomy and Physiology Society.

Prior completion of BIOL 201 is strongly recommended. Students without BIOL 201 are encouraged to take the Biology Placement Exam for Healthcare Majors that is located in the Testing Center to determine if their biology preparation is adequate. Corequisite: BIOL 227L.

**BIOL 227B Human Anatomy & Physiology 1 4 Cr Hrs**

This course is an introduction to the study of structure (anatomy) and function (physiology) of the human body. The following systems are studied: integumentary, skeletal, muscular, and nervous. Unifying themes of homeostasis and whole-body functioning are emphasized. The laboratory sessions include cadaver prosection. The course conforms to guidelines established by the Human Anatomy and Physiology Society. Prior completion of BIOL 201 is strongly recommended. Students without BIOL 201 are encouraged to take the Biology Placement Exam for Healthcare majors that is located in the Testing Center to determine if their biology preparation is adequate. This course includes both lecture and lab components.

**BIOL 228 Human Anatomy & Physiology 2 4 Cr Hrs**

This course is an introduction to the study of structure (anatomy) and function (physiology) of the human body. The following systems are studied: endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive. Unifying themes of homeostasis and whole-body functioning are emphasized. The laboratory sessions include cadaver prosection. The course conforms to guidelines established by the Human Anatomy and Physiology Society. Prerequisite: BIOL 227. Corequisite: BIOL 228L.

**BIOL 228B Human Anatomy & Physiology 2 4 Cr Hrs**

This course is an introduction to the study of structure (anatomy) and function (physiology) of the human body. The following systems are studied: endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, urinary, and reproductive. Unifying themes of homeostasis and whole-body functioning are emphasized. The laboratory sessions include cadaver prosection. The course conforms to guidelines established by the Human Anatomy and Physiology Society. This course includes both lecture and lab components.

**BIOL 229 Cadaver Prosection 4 Cr Hrs**

This course will allow students to participate in cadaver dissections. Students will build upon the concepts taught in Biol 227 and 228 (Human Anatomy and Physiology 1 & 2) as they actively dissect cadavers. The course will include lecture as well as laboratory work. Instructor permission is required for registration.

**BIOL 250 General Microbiology 4 Cr Hrs**

This course is a survey of microbial diversity, structures and function; principles of microbial metabolism, genetics, control, host-parasite relationships, immunology, medical microbiology, and applied aspects of microbiology. Prerequisite: BIOL 201 and CHEM 111 Corequisite: BIOL 250L.

**BIOL 275 Field Biology 0-3 Cr Hrs**

Field biology provides students with hands-on experience. Field trips will vary as to location (Rock Creek, Oregon coast, Craters of the Moon, Yellowstone, etc.) and length (1-10 days). Preparatory lecture classes, written reports, and/or a research project may be required. Prerequisite: BIOL 201 or instructor permission.

**BIOL 298 Practicum in Life Science 1-6 Cr Hrs**

Internships are designed to give students actual work experience in a career related field of study. Prerequisite: Instructor permission.

# BUSINESS DEPARTMENT

## PROGRAMS OF STUDY

### ACCOUNTING/BOOKKEEPING

**Contact:** Candace Boesiger, (208) 732-6410  
cboesiger@csi.edu

The Accounting/Bookkeeping program is a technical program which results in an Associate of Applied Science degree. The program provides students with a basic knowledge of bookkeeping processes preparing them for employment in entry level bookkeeping positions. Major emphasis is placed on computerized bookkeeping using QuickBooks Pro.

Students have the option to take a national exam to obtain a Certified Bookkeeping credential during the final semester of the program. This is a non-transfer degree and is not intended for students planning to pursue a Bachelor's Degree in Accounting or intending to become a Certified Public Accountant.

Students interested in these transfer options should pursue an Associate of Arts Degree in Business.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Accounting>

**Program Application Required: Yes**

**Sample Career Opportunities:** Tax Preparers; Bookkeeping, Accounting, and Auditing Clerks; Payroll and Timekeeping Clerks; Brokerage Clerks; Statistical Assistants

*\*Talk to an advisor for additional career choices*

Associate of Applied Science  
Major Code: 4230A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ACCB 129	Introduction to Bookkeeping	4
BUSA 215 or	Introduction to Information Science	3
CISA 101	Office Applications Overview	
CISA 110	Applied Business Math*	2
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
ACCB 130	Principles of Bookkeeping I*	3
HOSM 174	Customer Service & Conflict Resolution	3
CISA 116	Spreadsheet Applications*	3
COMM 101	Fundamentals of Oral Communication	3
FINA 102	Personal Finance	3
<b>Total</b>		<b>15</b>
<b>Fall Semester Sophomore Year</b>		
ACCB 131	Principles of Bookkeeping II*	3
ACCB 224	Payroll Accounting*	3
ACCB 230	Income Tax	4
CISA 142	Document Processing*	3
SOCY 105	Human Relations	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Sophomore Year</b>		
ACCB 226	Accounting for Decision Making*	3
ACCB 229	QuickBooks Pro Accounting*	4
ACCB 240	Certified Bookkeeping Course	4
ELEC GE	General Education Elective	3
<b>Total</b>		<b>14</b>
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required.*

## BAKING AND PASTRY ARTS

Contact: Pandora Handley, (208) 732-6380  
phandley@csi.edu

The Baking and Pastry Arts program is designed to prepare students for an entry-level position in a variety of baking environments including independent and in-store bakeries as well as large commercial bakeries, restaurants and hotels. The program emphasizes safety and sanitation, the understanding of weights and measures, ingredients, baking and mixing methods, plate presentation, dessert design and the development of basic baking and pastry skills, both sweet and savory. Students also learn about professionalism in the industry and the history of the culinary arts professions. Students learn through a combination of lecture, demonstration, bakeshop lab and co-op education. Continuing education and networking within the professional culinary community is strongly recommended to all students pursuing the Baking and Pastry Arts field.

**Program Application Required: Yes**

**Sample Career Opportunities:** Bakers

*\*Talk to an advisor for additional career choices*

### Basic Technical Certificate Major Code: 4200V

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
BAKE 110	Professional Baking and Pastry 1	6
CULA 150	Food Sanitation	3
<b>Total</b>		<b>9</b>
<b>Spring Semester Freshman Year</b>		
BAKE 120	Professional Baking and Pastry 2*	6
<b>Total</b>		<b>6</b>
<b>Total Credit Hours Required for this Major:</b>		<b>15</b>
<i>*Prerequisite or Corequisite required</i>		

### Intermediate Technical Certificate Major Code: 4200T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
BAKE 110	Professional Baking and Pastry 1	6
CULA 150	Food Sanitation	3
MATH GE	Any Gen. Ed. Math Course	3
SOCY 105	Human Relations	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
BAKE 120	Professional Baking and Pastry 2*	6
CULA 160	Menu Management	3
HOSM 266	Food and Beverage Service	3
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	3
<b>Total</b>		<b>15</b>
<b>Total Credit Hours Required for this Major:</b>		<b>30</b>
<i>*Prerequisite or corequisite required.</i>		

## Associate of Applied Science Major Code: 4200A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
BAKE 110	Professional Baking and Pastry 1	6
CULA 150	Food Sanitation	3
MATH GE	Any Gen. Ed. Math Course	3
SOCY 105	Human Relations	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
BAKE 120	Professional Baking and Pastry 2*	6
CULA 160	Menu Management	3
HOSM 266	Food and Beverage Service	3
ENGL 101	English Composition 1*	3
<b>Total</b>		<b>15</b>
<b>Fall Semester Sophomore Year</b>		
BAKE 230	Professional Baking and Pastry 3*	6
CULA 170	Food Service Nutrition	3
ELEC GE	Any additional Gen. Ed. credits	3
PROG ELEC	Program Elective	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Sophomore Year</b>		
BAKE 240	Professional Baking and Pastry 4*	6
CULA 180	Food Service Purchasing	3
COMM 101	Fundamentals of Oral Communication	3
PROG ELEC	Program Elective	3
<b>Total</b>		<b>15</b>
<b>Program Electives:</b>		<b>6</b>
ARTS 105	Design 1	3
BAKE 285	Cooperative Education in Baking*	1-4
BUSM 261	Small Business Management	3
CHEM 100	Chemistry in Everyday Life	4
HOSM 173	Event Management	2
HOSM 174	Customer Service & Conflict Resolution	3
HOSM 267	Food and Beverage Controls	3
HOSM 277	Hospitality Management Association	1
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>
<i>*Prerequisite or corequisite required.</i>		



## BUSINESS - GENERAL

**Contact:** Crystal Ayers, (208) 732-6436, cayers@csi.edu or  
Michael Slagel, 208-732-6453, mslagel@csi.edu

The General Business Curriculum is designed for students planning to transfer into a Business Program at a 4-year school. Due to the transfer requirements of various four-year business programs, students are strongly encouraged to visit with a CSI Business Department Advisor prior to choosing elective courses and general education core courses. Additionally, it is the student's responsibility to know the requirements of the institution to which they plan to transfer in order to ensure that courses taken at CSI will fulfill requirements in the four-year program.

This program is designed for students pursuing the CPA track.

### Program Application Required: No

**Sample Career Opportunities:** General and Operations Managers; Sales Managers; Cost Estimators; Management Analysts

*\*Talk to an advisor for additional career choices*

### Associate of Arts Major Code: 1204R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
MATH 160	Brief Calculus*	4
or MATH 170	Calculus 1*	5
BUSA 215	Introduction to Information Science	3
ELEC ANY	College Level Elective Courses	3
<b>Total</b>		<b>16-17</b>
<b>Spring Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 102	English Composition 2*	3
SCIG GE	Any Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
HLTH 155	Health & Wellness	3
or HACT	2 credits or HACT/HREC/DANC Activities	2
<b>Total</b>		<b>15-16</b>
<b>Fall Semester Sophomore Year</b>		
ACCT 201	Intro to Financial Accounting*	3
BUSA 201	Business Communication*	3
BUSA 207	Bus Statistics for Decision Making 1*	3
BUSA 265	Legal Environment	3
ECON 201	Principles of Macroeconomics	3
ELEC ANY	College Level Elective Courses	0-2
<b>Total</b>		<b>15-17</b>
<b>Spring Semester Sophomore Year</b>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
ACCT 202	Intro to Managerial Accounting*	3
BUSA 208	Bus Statistics for Decision Making 2*	3
ECON 202	Principles of Microeconomics	3
<b>Total</b>		<b>16</b>
<b>Recommended Electives:</b>		
BUSA 101	Introduction to Business	3
BUSA 250	Principles of Marketing	3
BUSA 255	Leadership Development Skills*	3
BUSA 256	Intro to International Business	3
FINA 102	Personal Finance	3
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

*\*Prerequisite or corequisite required.*

## BUSINESS MANAGEMENT/ENTREPRENEUR

**Contact:** Robin Bagent, (208) 732-6392  
rbagent@csi.edu

The Business Management/Entrepreneurship Curriculum is a technical program resulting in an Associate of Applied Science. The program provides students with the skills necessary to own and operate their own business or to assume entry level retail managerial positions.

Gainful Employment data for this program may be found on the department web page: [http://business.csi.edu/biz\\_management/](http://business.csi.edu/biz_management/)

### Program Application Required: Yes

**Sample Career Opportunities:** General and Operations Managers

*\*Talk to an advisor for additional career choices*

### Intermediate Technical Certificate Major Code: 4231T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
BUSA 215	Introduction to Information Science	3
BUSM 165	Marketing and E-Commerce	4
BUSM 166	Retailing and Merchandising Management	3
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
ACCB 129	Introduction to Bookkeeping	4
BUSM 181	Human Resources Management	3
BUSM 261	Small Business Management	3
ECON 201	Principles of Macroeconomics	3
SOCY 105	Human Relations	3
<b>Total</b>		<b>16</b>
<b>Total Credit Hours Required for this Major:</b>		<b>32</b>

*\*Prerequisite or corequisite required*

Associate of Applied Science  
Major Code: 4231A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
BUSA 215	Introduction to Information Science	3
BUSM 165	Marketing and E-Commerce	4
BUSM 166	Retailing and Merchandising Management	3
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
<b>Total</b>		<b>16</b>

<b>Spring Semester Freshman Year</b>		
ACCB 129	Introduction to Bookkeeping	4
BUSM 181	Human Resources Management	3
BUSM 261	Small Business Management	3
ECON 201	Principles of Macroeconomics	3
SOCY 105	Human Relations	3
<b>Total</b>		<b>16</b>

<b>Fall Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
BUSA 265	Legal Environment	3
BUSM 265	Principles of Project Management	3
PROG ELEC	Program Elective	6
<b>Total</b>		<b>15</b>

<b>Spring Semester Sophomore Year</b>		
BUSM 262	Business Plan Development	3
BUSM 290	Program Capstone	1
PROG ELEC	Program Elective	9
<b>Total</b>		<b>13</b>

<b>Program Electives:**</b>		
ACCB 229	Quickbooks Pro Accounting*	4
ACCB 230	Income Taxes Procedures	4
BUSM 170	Business Professionals of America	0-1
BUSM 275	Principles of Operations Management	3
BUSM 276	Introduction to Nonprofit Management	3
BUSM 277	Principles of Property Management	3
BUSM 285	Cooperative Education*	1-3
FINA 102	Personal Finance	3
HOSM 174	Customer Service & Conflict Resolution	3

*\*\*Additional program elective options are available with advisor approval.*

<b>Total Credit Hours Required for this Major:</b>	<b>60</b>
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*\*Prerequisite or corequisite required.*

CULINARY ARTS

Contact: Michael Johnson, (208) 732-6381  
mjohnson@csi.edu

The Culinary Arts program is a technical program resulting in an Associate of Applied Science. This program provides culinary and hospitality education designed to prepare students for the many positions in the hospitality industry. Students will gain skills and knowledge in food preparation, nutrition, menu planning, sanitation, equipment operation, inventory control, purchasing, and front-of-the-house customer service skills.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/CulinaryArts>

**Program Application Required: Yes**

**Sample Career Opportunities:** First-Line Supervisors of Food Preparation and Serving Workers

*\*Talk to an advisor for additional career choices*

Basic Technical Certificate  
Major Code: 4202V

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
CULA 110	The Professional Kitchen*	6
CULA 150	Food Sanitation	3
<b>Total</b>		<b>9</b>

<b>Spring Semester Freshman Year</b>		
CULA 120	Introduction to Food Preparation*	6
<b>Total</b>		<b>6</b>

**Total Credit Hours Required for this Major: 15**

*\*Prerequisite or Corequisite required*

Intermediate Technical Certificate  
Major Code: 4202T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
CULA 110	The Professional Kitchen*	6
CULA 150	Food Sanitation	3
MATH GE	Any Gen. Ed. Math Course	3
SOCY 105	Human Relations	3
<b>Total</b>		<b>15</b>

<b>Spring Semester Freshman Year</b>		
CULA 120	Introduction to Food Preparation*	6
CULA 160	Menu Management	3
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	
HOSM 266	Food and Beverage Service	3
<b>Total</b>		<b>15</b>

**Total Credit Hours Required for this Major: 30**

*\*Prerequisite or corequisite required.*

Associate of Applied Science  
Major Code: 4202A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
CULA 110	The Professional Kitchen*	6
CULA 150	Food Sanitation	3
MATH GE	Any Gen. Ed. Math Course	3
SOCY 105	Human Relations	3
PROG ELEC	Program Elective	0-1
<b>Total</b>		<b>15-16</b>

<b>Spring Semester Freshman Year</b>		
CULA 120	Introduction to Food Preparation*	6
CULA 160	Menu Management	3
COMM 101	Fundamentals of Oral Communication	3
HOSM 266	Food and Beverage Service	3
PROG ELEC	Program Elective	0-1
<b>Total</b>		<b>15-16</b>

<b>Fall Semester Sophomore Year</b>		
CULA 170	Food Service Nutrition	3
CULA 230	Adv Entrees & Plate Presentation*	6
ENGL 101	English Composition 1*	3
PROG ELEC	Program Elective	2-3
<b>Total</b>		<b>14-15</b>

<b>Spring Semester Sophomore Year</b>		
CULA 180	Food Service Purchasing	3
CULA 240	Advanced Entrees/Intro to Bakeshop*	6
ELEC GE	Any additional Gen. Ed. credits	3
PROG ELEC	Program Elective	2-3
<b>Total</b>		<b>14-15</b>

<b>Program Electives:</b>		<b>6</b>
BUSM 261	Small Business Management	3
HOSM 173	Event Management	2
HOSM 174	Customer Service & Conflict Resolution	3
HOSM 267	Food and Beverage Controls	3
HOSM 277	Hospitality Management Association	1
HOSM 285	Cooperative Education*	1-3

**Total Credit Hours Required for this Major: 60**  
*\*Prerequisite or corequisite required.*

**ECONOMICS**

**Contact: Michael Slagel, (208) 732-6453**  
**mslagel@csi.edu**

Completion of the Economics curriculum is designed to result in an Associate of Arts and meets the general education requirements at all Idaho public universities. Students planning to transfer into a Business Economics program should choose the Business Economics option. Completing the Social Science Economics option will not meet the entrance requirements for most business based economics degrees. Students interested in transferring into a non-business economics program may choose either the Business Economics option or the Social Science Economics option. In either case, students are strongly encouraged to meet with an advisor as soon as possible.

**Program Application Required: No**

**Sample Career Opportunities:** Economists; Survey Researchers

*\*Talk to an advisor for additional career choices*

**Concentration: Business**

Associate of Arts  
Major Code: 2111R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
POLS 101	American National Government	3
MATH 160	Brief Calculus*	4
or MATH 170	Calculus 1*	5
BUSA 215	Introduction to Information Science	3
ECON 201	Principles of Macroeconomics	3
<b>Total</b>		<b>16-17</b>

<b>Spring Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 102	English Composition 2*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SCIG GE	Any Gen. Ed. Science Course	4
ECON 202	Principles of Microeconomics	3
<b>Total</b>		<b>16</b>

<b>Fall Semester Sophomore Year</b>		
ACCT 201	Intro to Financial Accounting*	3
BUSA 207	Bus Statistics for Decision Making 1*	3
ECON 296	International Economics	3
PHIL 101	Introduction to Philosophy	3
or PHIL 202	Ethics	
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>16</b>

<b>Spring Semester Sophomore Year</b>		
ACCT 202	Intro to Managerial Accounting*	3
BUSA 201	Business Communication	3
BUSA 208	Bus Statistics for Decision Making 2*	3
BUSA 265	Legal Environment	3
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
ELEC ANY	College Level Elective Courses	0-2
<b>Total</b>		<b>15-16</b>

**Total Credit Hours Required for this Major: 64**  
*\*Prerequisite or corequisite required.*

## Concentration: Social Science

Associate of Arts  
Major Code: 2111R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
BUSA 215	Introduction to Information Science	3
ECON 201	Principles of Macroeconomics	3
POLS 101	American National Government	3
MATH 160	Brief Calculus*	4
or MATH 170	Calculus 1*	5
<b>Total</b>		<b>16-17</b>

<b>Spring Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 102	English Composition 2*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
ELEC ANY	College Level Elective Courses	3
ECON 202	Principles of Microeconomics	3
<b>Total</b>		<b>15</b>

<b>Fall Semester Sophomore Year</b>		
SCIG GE	Any Gen. Ed. Science Course	4
PHIL 101	Introduction to Philosophy	3
or PHIL 202	Ethics	
HIST 101	Western Civilization 1	3
BUSA 207	Bus Statistics for Decision Making 1*	3
ECON 296	International Economics	3
<b>Total</b>		<b>16</b>

<b>Spring Semester Sophomore Year</b>		
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
HIST 102	Western Civilization 2	3
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
ELEC ANY	College Level Elective Courses	6-8**
<b>Total</b>		<b>16-17</b>

**Total Credit Hours Required for this Major: 64**

*\*Prerequisite or corequisite required.*

*\*\*The number of elective credits depend on course choices in math and HACT/HREC/DANC courses*

## HOSPITALITY MANAGEMENT

Contact: Dianne Jolovich (208) 732-6407  
djolovich@csi.edu

The Hospitality Management Program is a technical program resulting in an Associate of Applied Science. The program prepares students for leadership roles and successful careers in the rapidly expanding field of hospitality management. The program introduces students to the basic philosophies of the hospitality industry and gives a general understanding of the necessary procedures. Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Hospitality>

**Program Application Required: Yes**

**Sample Career Opportunities:** Food Service Managers; Lodging Managers

*\*Talk to an advisor for additional career choices*

## Concentration: Lodging

Intermediate Technical Certificate  
Major Code: 4219T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
SOCY 105	Human Relations	3
MATH GE	Any Gen. Ed. Math Course	3
CULA 150	Food Sanitation	3
HOSM 110	Intro to the Professional Kitchen	2
or HOSM 173	Event Management	
HOSM 150	Introduction to Hospitality	3
HOSM 277	Hospitality Management Association	1
<b>Total</b>		<b>15</b>

<b>Spring Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	
HOSM 151	Hospitality Marketing	3
or CULA 160	Menu Management	3
HOSM 140	Hospitality Law	3
HOSM 154	Front Office Management	3
HOSM 174	Customer Service & Conflict Resolution	3
<b>Total</b>		<b>15</b>

**Total Credit Hours Required for this Major: 30**

*\*Prerequisite or corequisite required.*



**Concentration: Lodging**

Associate of Applied Science  
Major Code: 4219A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
SOCY 105	Human Relations	3
MATH GE	Any Gen. Ed. Math Course	3
CULA 150	Food Sanitation	3
HOSM 110	Intro to the Professional Kitchen**	2
or HOSM 173	Event Management**	
HOSM 150	Introduction to Hospitality	3
HOSM 277	Hospitality Management Association	1
<b>Total</b>		<b>15</b>

**Spring Semester Freshman Year**

ENGL 101	English Composition 1*	
CULA 160	Menu Management**	3
or HOSM 151	Hospitality Marketing**	
HOSM 140	Hospitality Law	3
HOSM 154	Front Office Management	3
or BUSM 261	Small Business Management	3
HOSM 174	Customer Service & Conflict Resolution	3
<b>Total</b>		<b>15</b>

**Fall Semester Sophomore Year**

COMM 101	Fundamentals of Oral Communication	3
ELEC GE	General Education Electives	3
HOSM 266	Food and Beverage Service	3
HOSM 110	Intro to the Professional Kitchen**	2
or HOSM 173	Event Management**	
HOSM 285	Cooperative Education*	1-3
PROG ELEC	Program Elective	1-3
<b>Total</b>		<b>15</b>

**Spring Semester Sophomore Year**

ACCB 129	Introduction to Bookkeeping	4
HOSM 267	Food and Beverage Controls	3
CULA 160	Menu Management**	3
or HOSM 151	Hospitality Marketing**	
PROG ELEC	Program Elective	5
<b>Total</b>		<b>15</b>

**Program Electives:**

		<b>6-8</b>
BUSM 261	Small Business Management	3
BUSM 262	Business Plan Development	3
GEOG 200	World Regional Geography	3
HOSM 154	Front Office Management	3
HOSM 158	Hotel Housekeeping	2
HOSM 167	Maintenance and Engineering	2
HOSM 277	Hospitality Management Association	1
HOSM 286	Walt Disney World College Intern	1-9

**Total Credit Hours Required for this Major: 60**

*\*Prerequisite or corequisite required.*

**Concentration: Restaurant Management**

Intermediate Technical Certificate  
Major Code: 4219T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
SOCY 105	Human Relations	3
MATH GE	Any Gen. Ed. Math Course	3
CULA 150	Food Sanitation	3
HOSM 110	Intro to the Professional Kitchen	2
or HOSM 173	Event Management	
HOSM 150	Introduction to Hospitality	3
HOSM 277	Hospitality Management Association	1
<b>Total</b>		<b>15</b>

**Spring Semester Freshman Year**

COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	
HOSM 151	Hospitality Marketing	3
or CULA 160	Menu Management	3
HOSM 140	Hospitality Law	3
BUSM 261	Small Business Management	3
HOSM 174	Customer Service & Conflict Resolution	3
<b>Total</b>		<b>15</b>

**Total Credit Hours Required for this Major: 30**

*\*Prerequisite or corequisite required.*

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
SOCY 105	Human Relations	3
MATH GE	Any Gen. Ed. Math Course	3
CULA 150	Food Sanitation	3
HOSM 110	Intro to the Professional Kitchen**	2
or HOSM 173	Event Management**	
HOSM 150	Introduction to Hospitality	3
HOSM 277	Hospitality Management Association	1
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
CULA 160	Menu Management**	3
or HOSM 151	Hospitality Marketing**	
HOSM 140	Hospitality Law	3
HOSM 154	Front Office Management	3
or BUSM 261	Small Business Management	
HOSM 174	Customer Service & Conflict Resolution	3
<b>Total</b>		<b>15</b>
<b>Fall Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ELEC GE	General Education Electives	3
HOSM 266	Food and Beverage Service	3
HOSM 110	Intro to the Professional Kitchen**	2
or HOSM 173	Event Management**	
HOSM 285	Cooperative Education*	1-3
PROG ELEC	Program Elective	1-3
<b>Total</b>		<b>15</b>
<b>Spring Semester Sophomore Year</b>		
ACCB 129	Introduction to Bookkeeping	4
HOSM 267	Food and Beverage Controls	3
CULA 160	Menu Management**	3
or HOSM 151	Hospitality Marketing**	
PROG ELEC	Program Elective	5
<b>Total</b>		<b>15</b>
<b>Program Electives:</b>		
		<b>6-8</b>
BUSA 101	Introduction to Business	3
BUSM 261	Small Business Management	3
BUSM 262	Business Plan Development	3
CULA 150	Food Sanitation	3
CULA 180	Food Service Purchasing	3
GEOG 200	World Regional Geography	3
HOSM 277	Hospitality Management Association	1
HOSM 286	Walt Disney World College Intern	1-9
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required.*

*\*\*Both courses required; check with advisor for course availability*

# COURSE DESCRIPTIONS

## ACCOUNTING/BOOKKEEPING

<b>ACCB 129 Introduction to Bookkeeping</b>	<b>4 Cr Hrs</b>
This course, designed to teach the necessary skills to be successful at keeping basic accounting records, covers the following: recording transactions in special journals, general and subsidiary ledgers, accrual accounting, adjusting and closing entries through the use of worksheets, preparation of financial statements, accounting for the purchase and sale of merchandise, and other related concepts.	
<b>ACCB 130 Principles of Bookkeeping I</b>	<b>3 Cr Hrs</b>
This course is a continuation of ACCB 129 Introduction to Bookkeeping. This course covers accounting for bad debts, notes receivable, notes payable, valuation of inventories, valuation of plant and equipment, and partnerships. The students will be required to complete an accounting practice set. Prerequisite: ACCB 129	
<b>ACCB 131 Principles of Bookkeeping II</b>	<b>3 Cr Hrs</b>
This course is a continuation of ACCB 130 - Principles of Bookkeeping I. This course covers accounting for corporations, analysis of financial statements, cash flow, and departmental accounting. The student will be required to complete an accounting practice set. Prerequisite: ACCB 130 or instructor permission.	
<b>ACCB 199 Special Topics</b>	<b>1-5 Cr Hrs</b>
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.	
<b>ACCB 224 Payroll Accounting</b>	<b>3 Cr Hrs</b>
This course is designed to teach the student the entire payroll function from all related areas-human resources, payroll clerk, payroll reporting officer, and the accounting responsibility for journalizing payroll. The course will provide a comprehensive coverage of payroll operations and reporting to help the student understand the purpose of payroll and carry out the related duties including calculation of payroll, payroll taxes, and preparation of records and reports. Prerequisite: ACCB 129.	
<b>ACCB 225 PeachTree Accounting</b>	<b>4 Cr Hrs</b>
This course is an application of bookkeeping and data processing integrated into an automated accounting package. Through the use of Peachtree Accounting Software (a commercial accounting software package) the following areas will be covered: general ledger, accounts receivable, accounts payable, payroll, fixed assets, and inventory. Prerequisite: ACCB 129. Corequisite: 130.	
<b>ACCB 226 Accounting for Decision Making</b>	<b>3 Cr Hrs</b>
This course will provide the student with an understanding of cost concepts, cost behavior, and cost accounting techniques as it applies to manufacturing cost systems. The student learns the principles and procedures of job order costing, process costing, and standard costs. Prerequisite: ACCB 131.	
<b>ACCB 227 Excel Spreadsheet Applications</b>	<b>5 Cr Hrs</b>
This course is designed for students who are planning a career as full-charge bookkeepers. Using different application programs (spreadsheet and database), students will design their own account records related to bookkeeping, inventory, payroll, employee lists, and others. Prerequisite: ACCB 130 and CISA 116.	

**ACCB 229 QuickBooks Pro Accounting 4 Cr Hrs**  
This course is an application of bookkeeping and data processing integrated into an automated accounting software package. Through the use of QuickBooks Pro Accounting Software (a commercial accounting software package) the following area will be covered: general ledger, account receivable, account payable, payroll, fixed assets and inventory. Prerequisite: ACCB 129.

**ACCB 230 Income Tax 4 Cr Hrs**  
This is an introductory course in the theory and law of federal income tax. The students learn to prepare personal and small business returns along with the accumulation of data to support those returns.

**ACCB 240 Certified Bookkeeping Course 4 Cr Hrs**  
This is a capstone course required for students in their final semester of the AAS in Accounting/Bookkeeping. Students will be guided through the American Institute of Professional Bookkeeping (AIPB) national curriculum. An optional national exam is available, at the student's cost, to obtain the Certified Bookkeeper credential through the AIPB. Students taking this course must be in the final semester of the Accounting/Bookkeeping Program. Prerequisite: ACCB 131.

## ACCOUNTING

**ACCT 199 Special Topics 1-5 Cr Hrs**  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**ACCT 201 Intro to Financial Accounting 3 Cr Hrs**  
This is an introduction to financial accounting and stresses the use of financial information in making investment and business decisions. The course covers the primary elements of the financial statements, fundamentals of accrual accounting, a study of internal control and cash safeguards, accounting for inventories and fixed assets, the presentation and use of the statement of cash flow, and the fundamentals of long-term liabilities. The course emphasizes the uses of accounting information rather than the preparation of financial statements. Prerequisite: MATH 043 or equivalent.

**ACCT 202 Intro to Managerial Accounting 3 Cr Hrs**  
This is an introduction to cost accounting principles and the use of such information in making business decisions. The course covers job order and process costing, cost-volume-profit behavior, standard costs, flexible budgets, decentralization, relevant costs, and capital budgeting. The emphasis of the course is in the use and analysis of the accounting information rather than in preparation of specialized cost accounting reports. Prerequisite: ACCT 201.

## BAKING AND PASTRY

**BAKE 110 Professional Baking and Pastry 1 6 Cr Hrs**  
This course introduces baking and pastry fundamentals including history, organization, terminology, ingredients, and equipment. It emphasizes safety, sanitation and development of habits, traits, and grooming standards necessary for success in the baking and pastry arts industry. Students will begin using basic weights, measures and baking math, basic ingredient properties, and basic mixing and baking methods. Commercial tools, equipment and safety will be introduced along with principles of dessert plating and basic knife skills. Students will review career tracts and opportunities in the baking and pastry industry. Prerequisite: Current ServSafe Manager's Certification or

concurrently enrolled in CULA 150. This program requires a separate admissions process. Please see the College of Southern Idaho website for more information.

**BAKE 120 Professional Baking and Pastry 2 6 Cr Hrs**  
This course covers additional ingredients and their scientific functions in baked goods. Students will be introduced to yeast doughs, artisan breads, fermentation processes, lean and rich doughs, laminated doughs, quick breads, basic syrups, creams and sauces, éclair paste and pie pastry. Culinary career planning will be further explored. Prerequisite: BAKE 110 with "C" or better and a current ServSafe Manager's Certification..

**BAKE 230 Professional Baking and Pastry 3 6 Cr Hrs**  
This course is a continuation of BAKE 120. Students will be introduced to nutritional and allergen-aware options in the bakery. Specialty pastries, dessert buffet design, frozen desserts, chocolate tempering, and chocolate decorations. Basic bakery inventory, purchasing, receiving and storage of bakery products will be practiced. Topics will include cake mixing, scaling, panning, baking and altitude adjustments, cake assembly, decorating techniques, specialty cakes, gateaux, and tortes. Prerequisite: BAKE 120 with "C" or better.

**BAKE 240 Professional Baking and Pastry 4 6 Cr Hrs**  
In this course students will be introduced to simple specialty decorations such as nougatine, marzipan, pastillage, and pulled and poured sugar. Students will explore baking and pastry marketing and product merchandising. Prerequisite: BAKE 230 with "C" or better.

**BAKE 285 Cooperative Education in Baking 1-4 Cr Hrs**  
Coop Education allows students to apply learning to real-life situations. Students will practice baking techniques in the bakeshop lab, the Desert Café or external sites that are prearranged with the instructor. Prerequisite: Permission of Instructor.

## BUSINESS ADMINISTRATION

**BUSA 101 Introduction to Business 3 Cr Hrs**  
A survey of business subject areas for both business and non-business students. Topics covered will include business operation and organization, financial management, marketing, accounting, and labor relations. Career opportunities in the field of business will be discussed.

**BUSA 190 Business Travel Experience 1 Cr Hrs**  
This course entails a business field trip to a major metropolitan area during May of each year. Students study the economy and financial structures of the destination in the classroom. The course culminates with a field trip experience. This class has limited enrollment and carries additional responsibilities to help cover travel costs. Additional fees may be required. The course may be repeated 4 times for credit.

**BUSA 199 Special Topics 1-5 Cr Hrs**  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**BUSA 200 Business Practicum 1-5 Cr Hrs**  
The student will obtain a job that will provide him/her with the actual job experience in their field of study. The position will be instructor supervised and should reinforce the learning experience.

**BUSA 201 Business Communication 3 Cr Hrs**  
The effectiveness, correctness, and the psychology of letter and report writing will be stressed through the preparation of a variety of business correspondence. Specific writing problems will be used in conjunction

with various cases to provide students with realistic opportunities to develop writing skills following a designated style. Oral presentation skills included. Prerequisite: English 102

**BUSA 207 Bus Statistics for Decision Making 1 3 Cr Hrs**

This course is designed to provide students with a fundamental understanding of statistical processes and techniques commonly used in today's business arena. Using practical applications and problem solving, students will develop a basic understanding of statistics and its impact and uses in business. Students will develop a working knowledge of such topics as frequency distributions, measures of central tendency and dispersion, probability, normal distribution, sampling methods, estimation and hypothesis testing. Computer competency is strongly advised. This may be demonstrated by successful completion of BUSA 215 or a computer placement exam. Prerequisite: Math 043 or equivalent.

**BUSA 208 Bus Statistics for Decision Making 2 3 Cr Hrs**

This course is designed to provide students with a fundamental understanding of statistical processes and techniques commonly used in today's business arena. The course is an extension of BUSA 207, the first semester of statistics; however, the course focuses on the use of established computer software to address statistical problems. Using practical applications and problem solving, students will develop a basic understanding of statistics and its impact and uses in business. Students will develop a working knowledge of such topics as ANOVA, regression, and nonparametric statistics. Prerequisite: BUSA 207.

**BUSA 215 Introduction to Information Science 3 Cr Hrs**

This course provides applied instruction using computer systems and Microsoft Office suite application software within the business environment. The course includes both lecture and hands-on learning and emphasizes practical concepts of file management; the creation of documents using word processing, spreadsheets, databases, and presentation software; use of the Internet to access and retrieve data; and how various software components work together efficiently and effectively. This course is based on hardware and software that uses the Windows operating system.

**BUSA 250 Principles of Marketing 3 Cr Hrs**

This course is a survey course, covering the basic elements of marketing and the marketing process. In addition, an analysis of product, pricing, promotion, place and distribution will be included. Attention is given to consumer motivation and factors leading to ultimate buying decisions.

**BUSA 256 Intro to International Business 3 Cr Hrs**

This course is designed to provide students with the background, basic knowledge, and skills needed to understand main concepts in international business. The course introduces a framework for the analysis of international business operations, including basic characteristics and concepts of business, the growth and magnitude of international business, and international economic and political institutions. Topics include multinational business and the national interest of host countries, investments and monetary relations with special emphasis on issues of trade restrictions, and direct foreign investment.

**BUSA 265 Legal Environment 3 Cr Hrs**

This course is a survey of various legal subjects including the legal system, constitutional law, administrative law, property, torts, contracts and agency. Securities law, antitrust regulations and labor employment law will also be included as time permits.

**BUSA 285 Cooperative Education 1-6 Cr Hrs**

This course allows the student to apply learning to real life career possibilities. Students will be matched to job sites based on career interests, skill level, and the environment of the site for learning.

## BUSINESS MANAGEMENT

**BUSM 150 Human Relations in Supervision 3 Cr Hrs**

An examination of the fundamental skills needed in dealing effectively with people in business and industry. Emphasis will be upon application of techniques and principles necessary to promote understanding, appreciation, and modification; defensive reactions; needs; attitudes; leadership styles and techniques; and setting objectives. The course covers content appropriate to the supervision of other people.

**BUSM 165 Marketing and E-Commerce 4 Cr Hrs**

This course provides an overview of marketing processes and principles and prepares students to make strategic marketing decisions in small business environments. Working individually and in teams, students will compare and contrast marketing channels to develop marketing programs that integrate traditional and contemporary practices.

**BUSM 166 Retailing and Merchandising Management 3 Cr Hrs**

Students will gain an understanding of retailing trends, technology in the industry, merchandise planning and management, pricing, location, promotional strategies, human resource management, store design and layout, customer service, and the international movement of retailers. Application of class concepts is emphasized through class discussion and projects.

**BUSM 170 Business Professionals of America 0-1 Cr Hrs**

This class offers active membership and participation in Business Professionals of America. Activities include business-oriented community and campus projects, professional development projects, field trips, guest speakers, state competition, business-orientated workshops and seminars, and leadership development activities. This course may be repeated up to four times for a total of four credits.

**BUSM 181 Human Resources Management 3 Cr Hrs**

Students will explore the functions and employment of human resources to achieve organizational strategic goals. HR legal environment, recruitment and selection, training and development, compensation and benefits, performance appraisals, workforce diversity and practical skills for managing people through the understanding and use of HR functions and systems will be explored.

**BUSM 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**BUSM 261 Small Business Management 3 Cr Hrs**

This course is a study of the establishment and management of a business enterprise with emphasis on the correct methods of operating a small business efficiently. Personality and attitude requirements for successful business owner-managers, locating and appraising business opportunities, developing proposed financial statements, determining legal ventures, organizing business operations, risk management, and marketing systems are covered. Case studies are involved.

**BUSM 262 Business Plan Development 3 Cr Hrs**

The development of a business plan for use as a guide in starting and operating a successful business. Requires students to research ideas, markets, financial needs, development of pro-forma financial statements, and other data to prepare a complete and realistic business plan. The plan will be developed in a step-by-step process following a typical business plan outline.



**BUSM 265 Principles of Project Mgmt 3 Cr Hrs**

This course examines the process of selecting, prioritizing, initiating and planning a project. Topics range from focus on determining the projects to be selected in relation to organizational strategy and culture, to prioritization and negotiation in acquiring resources, and determining a budget and schedule. Students successfully completing this course may choose to sit for CAPM® certification testing at an additional charge.

**BUSM 275 Intro to Operations Management 3 Cr Hrs**

This course is an introduction to the concepts, principles, problems, and practices of operations management and supply chain management. Emphasis is on managerial processes for effective operations in both goods-producing and service-rendering organization. Topics include operations strategy, process design, capacity planning, facilities location and design, forecasting, production scheduling, inventory control, quality assurance, and project management. The topics are integrated using a systems model of the operations of an organization.

**BUSM 276 Introduction to Nonprofit Management 3 Cr Hrs**

This course applies management concepts and approaches to nonprofit organizations. Additionally, this course explores the characteristics of effective and ethical management and leadership in nonprofit organizations, and examines the roles of the executive director, the board, staff and volunteers. The course also explores the relationship of grant writing to an organization's strategy for fundraising, and outlines the six stages of grant writing and highlighting grant writing best practices.

**BUSM 277 Principles of Property Management 3 Cr Hrs**

This course covers the fundamental principles involved in the management of residential and non-residential property, including asset management, management agreements, leasing, physical management of the asset, mathematics of property management, laws, and ethics.

**BUSM 285 Cooperative Education 1-3 Cr Hrs**

Cooperative Education allows the student to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests and skill levels and the environment of the site for learning. Written learning objectives agreed upon by the student, the department, and the employer will be the basis for evaluating, grading, and granting of credit hours. Prerequisite: Successful interview with the placement committee.

**BUSM 290 Program Capstone 1 Cr Hrs**

Application of concepts studied in previous courses in the Business Management & Entrepreneurship program. This course prepares students to complete the national NOCTI (National Occupational Competency Testing Institute) exam. Development of job search materials, skills, and strategy is also discussed. This is the final course in the Business Management & Entrepreneurship program and should be taken during a student's last term.

## CULINARY ARTS

**CULA 110 The Professional Kitchen I 6 Cr Hrs**

This course is an introduction to the professional kitchen. Students will explore the history of the professional kitchen and its organization. An overview of food safety and sanitation, nutrition, menu and recipes, kitchen staples, and equipment identification and use will be presented. Skills development will include knife skills, basic cooking methods and techniques, and calculation of recipe conversions, total recipe cost and cost per portion. Prerequisite: Current ServSafe Certificate or concurrently enrolled in CULA 150.

**CULA 120 Introduction to Food Preparation 6 Cr Hrs**

This course is a continuation of CULA 110. The classification and production of stocks, soups, sauces, and the principles of meat cookery will be introduced. Skills development will include; identifying and fabricating cuts of beef, pork, and poultry and applying appropriate cooking methods; identifying and preparing a variety of vegetable, fruit, grains, potatoes and pasta; and egg cookery and other breakfast preparations. The semester will culminate with a written and practical exam from the National Occupations Testing Institute (NOCTI). Students who successfully complete the exam will receive the Cook 1 certification from NOCTI. Prerequisite: CULA 110.

**CULA 150 Food Sanitation 3 Cr Hrs**

This course provides a clear understanding of daily procedures which help to ensure that food is handled safely, avoiding contaminants that cause serious food-borne illnesses. At the end of the course, students are required to complete a face-to-face external certification examination on the CSI campus.

**CULA 160 Menu Management 3 Cr Hrs**

Enables the student to learn and apply techniques that can increase the profitability of menus. Focuses on customer demand, contribution margin, and an effective menu mix as well as design and analysis of menus.

**CULA 170 Food Service Nutrition 3 Cr Hrs**

This course studies nutrition as it applies to the food service professional. Students gain an understanding of nutrition fundamentals. Emphasis will be placed on developing and marketing healthy recipes, menus, and studying nutrition's relationship to health and life span.

**CULA 180 Food Service Purchasing 3 Cr Hrs**

Purchasing for food service managers. The student will learn the basic principles and functions of purchasing, cost control as related to purchasing, and food commodities, as well as supplies and services.

**CULA 190 Internship 3 Cr Hrs**

Student must be employed by a hospitality establishment during the summer between their second and third terms.

**CULA 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**CULA 230 Adv Entrees & Plate Presentation 6 Cr Hrs**

This course is a continuation of CULA 120. Healthy and special diet cooking strategies are introduced as well as sandwich and salad preparation, hors d'oeuvres and canapés, and buffet and plate presentation. Students will demonstrate continued improvement in previous skills with emphasis on identifying and fabrication veal, lamb, wild game, fish, and shellfish and applying appropriate cooking methods. Prerequisite: CULA 120.

**CULA 240 Advanced Entrees/Intro to Bakeshop 6 Cr Hrs**

This course is an introduction to the bakeshop for well-rounded cooks who will not be specializing in baking and pastry. Baking formulas and the use of bakers' percentages will be introduced along with identification and use of baking tools and equipment. Skills development will include production of quick breads, yeast breads, pies, pastries, cookies, cakes, frostings, custards, creams and dessert sauces. The semester will culminate with a written and practical exam from the National Occupations Testing Institute (NOCTI). Students who successfully complete the exam will receive the Cook 2 certification from NOCTI. Prerequisite: CULA 230.

**CULA 265 Culinary International Experience 1 Cr Hrs**  
 This interdisciplinary course is designed to provide a unique learning opportunity in an international setting. Location will be variable and will involve study of the location's language and culture and cuisine. Hands-on culinary arts experiences are integrated within the itinerary. Culinary club obligation may apply. Additional course fees required: \$250.00 initial payment. Full cost to be determined--approximately \$2500.00. Pre-requisite: Permission of instructor.

**CULA 285 Cooperative Education 2-4 Cr Hrs**  
 Cooperative education allows the student to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests and levels and the environment of the site for learning. Written learning objectives agreed upon by the student, the department, and the employer will be the basis for evaluating, upgrading, and granting of credit hours. Prerequisite: successful interview with the Placement Committee.

## ECONOMICS

**ECON 199 Special Topics 1-5 Cr Hrs**  
 This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**ECON 201 Principles of Macroeconomics 3 Cr Hrs**  
 This course includes organization and operation of the American economy, supply and demand analysis, money and banking, employment and aggregate output, public finance, and economic growth.

**ECON 202 Principles of Microeconomics 3 Cr Hrs**  
 Principles of governing production, price relationships, and income distribution and their application to selected problems.

**ECON 296 International Economics 3 Cr Hrs**  
 Study of the principles and practices of international trade including the historical and economic background of foreign trade tariffs, foreign exchange, international finance, international balance of payments, and contemporary problems and policies in the field of foreign trade. Prerequisite: ECON 201 or 202.

## FINANCE

**FINA 102 Personal Finance 3 Cr Hrs**  
 This is an introductory course highlighting personal financial planning including: goal setting, budgeting, tax planning, housing, consumer credit, buying automobiles, insurance protection, retirement planning, and an introduction to investing. Projects encourage students to apply course concepts to their own situations.

**FINA 199 Special Topics 1-5 Cr Hrs**  
 This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

## HOSPITALITY MANAGEMENT

**HOSM 110 Intro to the Professional Kitchen 2 Cr Hrs**  
 Students will gain basic knowledge of the kitchen related to safety, sanitation, identification, and use of tools and equipment. The use of recipes, basic principles of cooking and baking, and common products used in the kitchen are covered. This is not a cooking course. Students learn about professionalism in the industry

**HOSM 140 Hospitality Law 3 Cr Hrs**  
 This course provides students with a basic understanding of legal issues the hospitality industry faces on a daily basis. The course is designed to alert hotel and restaurant operators to a number of potential legal problems and pitfalls. This is not a course designed to make you a lawyer, but give you the skills to know when to hire a lawyer.

**HOSM 150 Introduction to Hospitality 3 Cr Hrs**  
 This course lays the groundwork for understanding the lodging and food service industry by tracing the industry's growth and development, both nationally and internationally, by reviewing the organization of hotel, food, and beverage operations and by focusing on industry opportunities and future trends.

**HOSM 151 Hospitality Marketing 3 Cr Hrs**  
 This course takes a practical perspective in introducing students to the marketing of hotels, restaurants, and clubs. Students are introduced to market segmentation, marketing research, sales, advertising, public relations, promotions, packaging, pricing strategies, revenue maximization, travel purchasing systems, and the future of hospitality marketing.

**HOSM 154 Front Office Management 3 Cr Hrs**  
 This course prepares students to perform and manage functions of the front desk operations in the lodging industry. Students receive the knowledge to understand, perform, and manage computerized reservations, registration, settlement of guest accounts, audit, revenue and yield management, and guest history using a computerized property management system (PMS).

**HOSM 158 Hotel Housekeeping 2 Cr Hrs**  
 This course provides students with practical skills and knowledge for effective management of the housekeeping department in the hotel industry. The focus of this course is to create learning situations that allow students to use knowledge and methods by performing assigned tasks that will develop skills and competencies to supervise a housekeeping department. Participation in actual housekeeping with instruction and supervision is emphasized with hands on training during an off site practicum.

**HOSM 167 Maintenance and Engineering 2 Cr Hrs**  
 This course is an introduction to the physical maintenance and sanitation required in the upkeep of the typical lodging facility. The course will be oriented toward the management of the Housekeeping, Maintenance, and Engineering Departments.

**HOSM 173 Event Management 2 Cr Hrs**  
 This course examines the impacts of special events, conceptualizes the event, and the economic impact of special events. The strategic cycle, planning functions, marketing of events, sponsorship, life cycle, control, budget, and the logistics of event planning are presented.

**HOSM 174 Customer Service & Conflict Resolution 3 Cr Hrs**  
 This course will provide the student the opportunity to understand and demonstrate the importance of customer service and conflict resolution in today's competitive work environment. In addition, the student will acquire the soft skills to effectively communicate with customers using a great customer service attitude. The ability to understand and resolve conflict using various methods will be examined.

**HOSM 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**HOSM 266 Food and Beverage Service 3 Cr Hrs**

This course provides students with practical skills and knowledge for effective management of food and beverage service in dining rooms and banquets. The basic service principles are presented while emphasizing guest needs. In addition to coursework, students are required to work a minimum number of lab hours in the Desert Café. This lab will provide students with hands-on opportunities to work in a restaurant environment by working in the Desert Café. Corequisite: HOSM 266L.

**HOSM 266L Desert Café Lab 0 Cr Hrs**

This lab will provide students with hands-on opportunities to work in a restaurant environment by working in the Desert Café.

**HOSM 267 Food and Beverage Controls 3 Cr Hrs**

This course provides students with an outline of the essential principles and procedures needed for effective food and beverage cost controls including purchasing, receiving, storing, issuing and inventory controls. In addition to coursework, students are required to work a minimum number of lab hours in the Desert Café. Corequisite: HOSM 267L.

**HOSM 267L Desert Café Lab 0 Cr Hrs**

This lab will provide students with hands-on opportunities to work in a restaurant environment by working in the Desert Café.

**HOSM 277 Hospitality Management Association 0-1 Cr Hrs**

This course involves active membership and participation in the Hospitality Management Association. Activities include hospitality-oriented community and campus projects. Participation is designed to promote professional development through leadership opportunities, field trips, and participation in hospitality seminars, conventions, and industry meetings. This course may be repeated up to four times for a total of four credits.

**HOSM 285 Cooperative Education 1-3 Cr Hrs**

Cooperative Education allows the student to apply learning to real-life career possibilities. Students receive credit for on-the-job work experience or credit for participation in the Desert Cafe lab on Wednesdays and Thursdays. Written learning objectives agreed upon by the student, the department, and the employer will be the basis for evaluating, grading, and granting of credit hours. This course may be repeated for up to 12 credits.

**HOSM 286 Walt Disney World College Intern 1-9 Cr Hrs**

The Walt Disney World College Internship is a unique educational, learning, work, and interpersonal relationship experience especially designed to increase practical knowledge. Students may receive credit after they have interviewed, been chosen for the Disney College Program, and successfully completed their semester, depending on their major. The semester includes working and course work at Walt Disney World in Orlando, Florida.

# EDUCATION DEPARTMENT

## PROGRAMS OF STUDY

### ED ASSISTANT – GENERALIST

**Contact:** Tracey Meyerhoeffer, (208) 732-6874  
 tmeyerhoeffer@csi.edu

The Education Assistant Program is a comprehensive paraprofessional training program which offers a 2 tiered degree system (Intermediate Technical Certificate and Associate of Applied Science) available in an online or classroom setting. Because of the various delivery methods, all paraprofessionals, even those located in isolated areas, will have access.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/EdAssistant>

**Program Application Required:** Yes

**Exit Requirement:** Completion of ETS Praxis ParaPro Exam with a passing score of 460.

**Sample Career Opportunities:** paraeducators/teacher assistants

#### Intermediate Technical Certificate Major Code: 4689T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
EDUA 231	Individual Education Programs	3
EDUC 201	Foundations of Education	3
EDUC 202	Field Experience	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Developmental/Individual Differences*	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
MATH 143	College Algebra*	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
EDUA 240	Developing & Adapting Curriculum	3
EDUA 248	Behavioral Intervention & Classroom	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
<b>Total</b>		<b>16</b>

**Total Credit Hours Required for this Major:** 32

*\*Prerequisite or corequisite required.*

#### Associate of Applied Science Major Code: 4689A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
EDUA 228	Effective Teaching	1
EDUA 234	Emotional /Behavioral Issues	2
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
ELEC ANY	College Level Electives	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
EDUA 231	Individual Education Programs	3
EDUA 245	Special Education Policies & Procedures	3
EDUC 204	Families, Communities, & Culture*	3
<b>Total</b>		<b>15</b>
<b>Fall Semester Sophomore Year</b>		
EDUA 248	Behavioral Intervention & Classroom	3
EDUC 205	Development/Individual Differences	3
EDUC 215	Educational Technology	3
ELEC GE	General Education Elective	3
ELEC ANY	College Level Electives	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Sophomore Year</b>		
EDUA 240	Develop & Adapt the Curriculum	3
EDUA 242	Family/Community Relations & Disabilities	3
EDUC 290	Education Exit Seminar*	1
HLTH 150	First Aid & CPR	2
ELEC ANY	College Level Electives	5
<b>Total</b>		<b>14</b>
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required.*



## EDUCATION – BILINGUAL ELEMENTARY

Contact: Raquel Arenz, (208) 732-6853  
rarenz@csi.edu

This degree is designed to articulate to Boise State University's Elementary Education Bilingual/ENGL Program. Regular consultations with the program advisor are necessary.

**Program Application Required: No**

**Sample Career Opportunities:** Elementary School Teachers; Middle School Teachers; Secondary School Teachers; Adult Basic and Literacy Instructors

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 2120R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 143	College Algebra*	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
SPAN 201	Intermediate Spanish 1*	4
<b>Total</b>		<b>14</b>

<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
MATH 157	Math for Elementary Teachers 1*	3
SPAN 202	Intermediate Spanish 2*	4
<b>Total</b>		<b>16</b>

<b>Fall Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
EDUC 215	Educational Technology*	3
SCIG GE	Any Gen Ed Science Course	4
HIST 111	US History 1	3
or HIST 112	US History 2	
MATH 257	Math for Elementary Teachers 2*	3
<b>Total</b>		<b>16</b>

<b>Spring Semester Sophomore Year</b>		
ARTS 101	Art History 3	3
or MUSI 100	Music Appreciation	
EDUC 290	Education Exit Seminar*	1
SCIG GE2	Any Gen Ed Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
HLTH 155	Health & Wellness	3
SOCY 101	Introduction to Sociology	3
<b>Total</b>		<b>14</b>

**Total Credit Hours Required for this Major: 60**

*\*Prerequisite or corequisite required.*

## EDUCATION -EARLY CHILDHOOD

Contact: Evin Fox, (208) 732-6872  
efox@csi.edu

Ellen Neff, (208)-732-6870  
eneff@csi.edu

The Early Childhood Program, through a combination of classroom time and hands-on practicum, is designed to develop the skills, competencies, and knowledge necessary to provide quality care and education for typical and atypical children from ages 0-8. This program also prepares individuals for assessment for the nationally recognized Child Development Associate credential. Employment opportunities include such areas as child care, preschool teaching, kindergarten and primary school teacher's aide, and Head Start family educator. The Associate of Arts degree articulates into Early Childhood Education and Early Childhood Education/Special Education programs at Idaho's four-year universities for those students desiring to teach children in kindergarten through grade 3.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/EarlyChildhood>

**Program Application Required: Yes**

**Additional Admission Requirements:**

1. Early Childhood Education Admissions application.
2. An interview with an Early childhood Education Program advisor.
3. Health questionnaire, proof of immunizations, and TB clearance.
4. Idaho Health and Welfare Criminal records background check..
5. Current CPR certification or HLTH 150.

**Exit Requirement:** Upon completion of the TC, AAS, and AA degree, students will be prepared to take the NOCTI exam before graduating.

**Sample Career Opportunities:** Preschool Teachers

*\*Talk to an advisor for additional career choices*

Basic Technical Certificate - CDA  
Major Code: 4679V

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
EARC 171	CDA Training 1	3
<b>Total</b>		<b>3</b>

<b>Spring Semester Freshman Year</b>		
EARC 172	CDA Training 2	3
<b>Total</b>		<b>3</b>

<b>Fall Semester Sophomore Year</b>		
EARC 173	CDA Training 3	3
<b>Total</b>		<b>3</b>

**Total Credit Hours Required for this Major: 9**

*\*Prerequisite or Corequisite required.*

Basic Technical Certificate  
Major Code: 4680V

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
EARC 109	Foundations of Early Childhood Education	3
EARC 155	Early Childhood Practicum*	3
EARC 166	Early Childhood Curriculum*	2
PROG ELEC	Program Elective	3
<b>Total</b>		<b>11</b>
<b>Program Elective:</b>		
EARC 105	Early Childhood Environments	3
EARC 185	Recognizing Child Abuse	1
EARC 194	Intro to Teaching Children's Literature	3
EARC 195	SRAEYC Conference	1
EARC 207	Infant & Toddler Care & Educ	3
<b>Total Credit Hours Required for this Major:</b>		<b>11</b>

Technical Certificate  
Major Code: 4680T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
EARC 109	Foundations of Early Childhood Education	3
EARC 155	Early Childhood Practicum*(two semesters)	3
EARC 166	Early Childhood Curriculum*(two Sessions)	2
EARC 207	Infant & Toddler Care & Education	3
<b>Total</b>		<b>17</b>
<b>Spring Semester Freshman Year</b>		
EARC 155	Early Childhood Practicum*(two semesters)	3
EARC 166	Early Childhood Curriculum*(two Sessions)	2
MATH GE	Any Gen. Ed. Math Course	3
EARC 105	Early Childhood Environments	3
EARC 203	Child Development	3
EARC 209	Inclusive Practices for Infants & Toddlers*	3
EDUC 204	Families, Communities, & Culture*	3
<b>Total</b>		<b>20</b>
<b>Total Credit Hours Required for this Major:</b>		<b>37</b>

*\*Prerequisite or Corequisite required.*

Associate of Applied Science  
Major Code: 4680A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
EARC 105	Early Childhood Environments	3
EARC 109	Foundation of Early Childhood Education	3
EARC 155	Early Childhood Practicum *(4 semesters)	3
EARC 166	Early Childhood Curriculum*(two semesters)	2
MATH GE	Any Gen. Ed. Math Course	3
<b>Total</b>		<b>17</b>
<b>Spring Semester Freshman Year</b>		
EARC 155	Early Childhood Practicum *(4 semesters)	3
EARC 166	Early Childhood Curriculum*(two semesters)	2
EDUC 204	Families, Communities, & Culture*	3
COMM 101	Fundamentals of Oral Communication	3
ELEC GE	General Education Elective	3
ELEC ANY	College Level Elective	1
<b>Total</b>		<b>15</b>
<b>Fall Semester Sophomore Year</b>		
EARC 155	Early Childhood Practicum *(4 semesters)	3
EARC 207	Infant & Toddler Care & Education	3
ELEC ANY	College Level Elective	1
EARC 194	Intro to Teaching Children's Literature	3
HLTH 155	Health & Wellness	3
<b>Total</b>		<b>13</b>
<b>Spring Semester Sophomore Year</b>		
EARC 155	Early Childhood Practicum *(4 semesters)	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
EARC 203	Child Development	3
EARC 209	Inclusive Practices for Infants & Toddlers*	3
ELEC ANY	College Level Elective	3
<b>Total</b>		<b>15</b>
<b>Recommended Elective Courses:</b>		
SOCY 105	Human Relations	3
CULA 170	Food Service Nutrition	3
EARC 185	Recognizing Child Abuse	1
EARC 195	SRAEYC Conference	1
FINA 102	Personal Finance	3
	Any Foreign Language Gen Ed	4
	General Education Elective	3
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or Corequisite required.*

Associate of Arts  
Major Code: 2125R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 143	College Algebra*	3
ARTS 101	Art History 1	3
or MUSI 100	Music Appreciation	3
EARC 109	Foundations of Early Childhood Education	3
EARC 155	Early Childhood Practicum*(two semesters)	3
EARC 166	Early Childhood Curriculum*(two semesters)	2
<b>Total</b>		<b>17</b>

<b>Spring Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 102	English Composition 2*	3
EARC 155	Early Childhood Practicum*(two semesters)	3
EARC 166	Early Childhood Curriculum*(two semesters)	2
SCIG GE	Any Gen Ed. Biological Science Course	4
MATH 157	Math for Elementary Teachers 1*	3
<b>Total</b>		<b>18</b>

<b>Fall Semester Sophomore Year</b>		
EARC 105	Early Childhood Environments	3
EARC 207	Infant Toddler Care & Education	3
HLTH 155	Health & Wellness	3
SOCS GE2	Any Gen. Ed. Soc Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
SCIG GE	Any Gen Ed. Physical Science Course	4
HUMA GE	Any Gen Ed. Humanities Literature Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>19</b>

<b>Spring Semester Sophomore Year</b>		
HIST 111	US History 1	3
or HIST 112	US History 2	3
ELEC GE	General Education Elective	4
EARC 203	Child Development	3
EARC 209	Inclusive Practices for Infants & Toddlers*	3
EDUC 204	Families, Communities, & Culture	3
<b>Total</b>		<b>16</b>

**Total Credit Hours Required for this Major:** 70

*\*Prerequisite or Corequisite required.*

**EDUCATION – ELEMENTARY**

**Contact:** Dr. LueLinda Egbert, (208) 732-6890  
legbert@csi.edu

The Elementary Education major is designed to introduce students to the teaching profession, to help students earn an Associate of Arts degree, and to assist students as they prepare for transfer to a four-year elementary education program. Students take courses from the College of Southern Idaho (CSI) general-education core as well as specific program requirements in elementary education. Completion of the program is designed to result in an Associate of Arts degree in Elementary Education and meets the general-education requirements at all Idaho public universities. Course selection should be coordinated to meet requirements for the student's intended transfer institution.

**Program Application Required: No**

**Sample Career Opportunities:** Elementary School Teachers

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 2121R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 143	College Algebra*	3
SCIG GE	Any Gen. Ed. Science Course	4
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 215	Educational Technology*	3
<b>Total</b>		<b>17</b>

<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
PROG ELEC	Program Elective	1-3
MATH 157	Math for Elementary Teachers 1*	3
<b>Total</b>		<b>16-18</b>

<b>Fall Semester Sophomore Year</b>		
HLTH 155	Health & Wellness	3
HUMA GE	Any Gen Ed. Humanities Literature Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
EDUC 290	Education Exit Seminar*	1
MATH 257	Math for Elementary Teachers 2*	3
ELEC GE	General Education Elective	4
PROG ELEC	Program Elective	0-3
<b>Total</b>		<b>14-17</b>

<b>Spring Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
HIST 111 or	US History 1	3
HIST 112	US History 2	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
PROG ELEC	Program Elective	0-5
<b>Total</b>		<b>13-18</b>

**Program Electives:** 1-11

*See Advisor for recommended electives based upon transfer university*

**Total Credit Hours Required for this Major:** 60-70

*\*Prerequisite or corequisite required.*

## EDUCATION – SECONDARY

Contact: John Hughes, (208)-732-6549  
jhughes@csi.edu

The Secondary Education Program introduces students to the knowledge, skills, and dispositions essential for success in teaching secondary education, grades 6-12. Students take courses from general education core, teacher education core, and a concentration area. The associate of arts degree is designed to prepare students to transfer to a bachelor degree teacher education program in Idaho.

**Program Application Required: No**

**Sample Career Opportunities:** Secondary School Teachers

*\*Talk to an advisor for additional career choices*

### Concentration: Agriculture

Associate of Arts  
Major Code: 2122R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
ENGL 101	English Composition 1	3
MATH 143	College Algebra	3
HUMA GE	Any Gen. Ed. Humanities Course	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience	1
<b>Total</b>		<b>17</b>

#### Spring Semester Freshman Year

AGRI 109	Principles of Animal Science	3
AGRI 109L	Principles of Animal Science Lab	1
CHEM 101	Introduction to Chemistry	4
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
ENGL 102	English Composition 2*	3
<b>Total</b>		<b>17</b>

#### Fall Semester Sophomore Year

AGRI 104	Agriculture Management	4
BIOL 201	Biology	4
COMM 101	Fundamentals of Oral Communication	3
ECON 201	Principles of Macroeconomics	3
EDUC 215	Educational Technology*	3
<b>Total</b>		<b>17</b>

#### Spring Semester Sophomore Year

AGRI 205	General Soils	3
AGRI 205L	General Soils Lab	1
EDUC 290	Education Exit Seminar*	1
HLTH 155	Health & Wellness	3
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
PSYC 101	General Psychology	3
ELEC GE	General Education Elective	4
<b>Total</b>		<b>18</b>

**Total Credit Hours Required for this Major: 69**

*\*Prerequisite or corequisite required.*

## Concentration: Anthropology

Associate of Arts  
Major Code: 2122R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH GE	Any Gen Ed Math Course	3
ANTH 101	Physical Anthropology	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
HLTH 155	Health & Wellness	3
<b>Total</b>		<b>16</b>

#### Spring Semester Freshman Year

ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
ANTH 102	Cultural Anthropology	3
SCIG GE	Any Gen. Ed. Science Course	4
<b>Total</b>		<b>16</b>

#### Fall Semester Sophomore Year

COMM 101	Fundamentals of Oral Communication	3
EDUC 215	Educational Technology*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
ELEC GE	General Education Elective	1
ANTH 103	Introduction to Archaeology	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>16</b>

#### Spring Semester Sophomore Year

ANTH 238	Native Peoples of North America	3
EDUC 290	Education Exit Seminar*	1
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
ELEC ANY	College Level Elective	1-11
<b>Total</b>		<b>12-22</b>

**Total Credit Hours Required for this Major: 60-70**

*\*Prerequisite or corequisite required.*



**Concentration: Art**

Associate of Arts  
Major Code: 2122R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ARTS 105	Design 1	3
ARTS 109	Drawing 1	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
ENGL 101	English Composition 1	3
MATH GE	Any Gen Ed Math Course	3
<b>Total</b>		<b>16</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
SCIG GE	Any Gen. Ed. Science Course	4
ARTS 106	Design 2	3
ARTS 215	Painting 1	3
EDUC 204	Families, Communities, & Culture*	3
<b>Total</b>		<b>16</b>

**Fall Semester Sophomore Year**

ARTS 101	Art History 1	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
SOCS GE	Any Gen. Ed Soc. Science Course	3
HLTH 155	Health & Wellness	3
<b>Total</b>		<b>19</b>

**Spring Semester Sophomore Year**

ARTS 102	Art History 2	3
ARTS 225	Ceramics 1	3
EDUC 290	Education Exit Seminar*	1
COMM 101	Fundamentals of Oral Communication	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 disciplines.</i>		
ELEC GE	General Education Elective	1
<b>Total</b>		<b>17</b>

**Total Credit Hours Required for this Major: 68**

*\*Prerequisite or corequisite required.*

**Concentration: Biology**

Associate of Arts  
Major Code: 2122R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH 147	Precalculus*	5
CHEM 111	Principles of Chemistry	5
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
<b>Total</b>		<b>17</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
BIOL 201	Biology 1	4
HUMA GE	Any Gen. Ed. Humanities Course	3
<b>Total</b>		<b>16</b>

**Fall Semester Sophomore Year**

BIOL 202	Biology 2	4
BIOL 250	General Microbiology*	4
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
EDUC 215	Educational Technology*	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>17</b>

**Spring Semester Sophomore Year**

COMM 101	Fundamentals of Oral Communication	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
BIOL 204	Introduction of Cell Biology	4
BIOL 209	General Ecology	4
EDUC 290	Education Exit Seminar*	1
HLTH 155	Health & Wellness	3
<b>Total</b>		<b>18</b>

**Total Credit Hours Required for this Major: 68**

*\*Prerequisite or corequisite required.*

**Concentration: Business**

Associate of Arts  
Major Code: 2122R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH GE	Any Gen Ed Math Course	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
ECON 201	Principles of Macroeconomics	3
HLTH 155	Health & Wellness	3
<b>Total</b>		<b>16</b>

**Spring Semester Freshman Year**

ACCT 201	Introduction to Financial Accounting*	3
COMM 101	Fundamentals of Oral Communication	3
EDUC 204	Families, Communities, & Culture*	3
ENGL 102	English Composition 2*	3
SCIG GE	Any Gen. Ed. Science Course	4
<b>Total</b>		<b>16</b>

**Fall Semester Sophomore Year**

ACCT 202	Introduction to Managerial Accounting*	3
BUSA 101	Introduction to Business	3
ECON 202	Principles of Microeconomics	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3

*Social Science courses must be from 2 different disciplines.*

**Total** 18

**Spring Semester Sophomore Year**

BUSA 207	Business Statistics for Decision Making 1*	3
BUSA 265	Legal Environment	3
EDUC 290	Education Exit Seminar*	1
HUMA GE	Any Gen. Ed. Humanities Course	3
HUMA GE2	Any 2nd Gen Ed Humanities Course	3

*Humanities courses must be from 2 different disciplines.*

SCIG GE2 Any 2nd Gen. Ed. Science Course 4

*Science courses must be from 2 different disciplines*

ELEC GE General Education Elective 1

**Total** 18

**Total Credit Hours Required for this Major:** 68

*\*Prerequisite or corequisite required.*

**Concentration: Chemistry**

Associate of Arts  
Major Code: 2122R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
CHEM 111	Principles of Chemistry 1	5
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
ENGL 101	English Composition 1	3
MATH 170	Calculus 1	5
<b>Total</b>		<b>17</b>

**Spring Semester Freshman Year**

CHEM 112	Principles of Chemistry 2	5
MATH 175	Calculus 2*	4
PHYS 211	Physics for Scientists & Engineers 1	5
ENGL 102	English Composition 2*	3
<b>Total</b>		<b>17</b>

**Fall Semester Sophomore Year**

COMM 101	Fundamentals of Oral Communication	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
HLTH 155	Health & Wellness	3
<b>Total</b>		<b>18</b>

**Spring Semester Sophomore Year**

EDUC 290	Education Exit Seminar*	1
HUMA GE2	Any 2nd Gen Ed Humanities Course	3

*Humanities courses must be from 2 different disciplines.*

SCIG GE2 Any 2nd Gen. Ed. Science Course 4

*Science courses must be from 2 different disciplines*

SOCS GE Any Gen Ed Soc. Science Course 3

SOCS GE2 Any 2nd Gen Ed Soc. Science Course 3

*Social Science courses must be from 2 different disciplines.*

ELEC GE General Education Elective 1

**Total** 15

**Total Credit Hours Required for this Major:** 67

*\*Prerequisite or corequisite required.*

**Concentration: Communication**

Associate of Arts  
Major Code: 2122R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
COMM 101	Fundamentals of Oral Communication	3
MATH GE	Any Gen Ed Math Course	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
HLTH 155	Health & Wellness	3
<b>Total</b>		<b>16</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
EDUC 204	Families, Communities, & Culture*	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
COMM 140	Digital Communication	3
or COMM 171	Intro to Mass Communication	
COMM 105	Collegiate Speech and Debate Team	3
<b>Total</b>		<b>18</b>

**Fall Semester Sophomore Year**

HUMA GE2	Any 2nd Gen Ed Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SCIG GE	Any Gen. Ed. Science Course	4
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
COMM 102	Interpersonal Communication	3
EDUC 205	Development/Individual Differences*	3
<b>Total</b>		<b>16</b>

**Spring Semester Sophomore Year**

SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
ELEC GE	General Education Elective	4
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PROG ELEC	Program Elective	6
<b>Total</b>		<b>18</b>

**Program Electives:**

COMM 201	Business and Professional Speaking	3
COMM 209	Critical Thinking and Argumentation	3
COMM 220	Intercultural Communication	3

**Total Credit Hours Required for this Major: 68**

*\*Prerequisite or corequisite required.*

**Concentration: Earth Science**

Associate of Arts  
Major Code: 2122R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH 147	Precalculus*	5
HUMA GE	Any Gen. Ed. Humanities Course	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
<b>Total</b>		<b>15</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
GEOG 100	Physical Geography	4
BIOL 201	Biology 1	4
<b>Total</b>		<b>17</b>

**Fall Semester Sophomore Year**

PHYS 111	General Physics	4
GEOL 101	Physical Geology	4
EDUC 215	Educational Technology*	3
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>17</b>

**Spring Semester Sophomore Year**

COMM 101	Fundamentals of Oral Communication	3
GEOL 102	Historical Geology	4
EDUC 290	Education Exit Seminar*	1
HLTH 155	Health & Wellness	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>14</b>

**Total Credit Hours Required for this Major: 63**

*\*Prerequisite or corequisite required.*

**Concentration: Economics**

Associate of Arts  
Major Code: 2122R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH GE	Any Gen Ed Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
<b>Total</b>		<b>14</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
ECON 201	Principles of Macroeconomics	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4

*Science courses must be from 2 different disciplines.*

**Total** **16**

**Fall Semester Sophomore Year**

COMM 101	Fundamentals of Oral Communication	3
EDUC 290	Education Exit Seminar*	1
PHIL 101	Introduction to Philosophy	3
EDUC 215	Educational Technology*	3
ECON 202	Principles of Microeconomics	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3

*Social Science courses must be from 2 different disciplines.*

**Total** **16**

**Spring Semester Sophomore Year**

HUMA GE2	Any 2nd Gen Ed Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
ELEC GE	General Education Elective	1
ECON 296	International Economics	3
HLTH 155	Health & Wellness	3
ELEC Any	College Level Electives	4-14

**Total** **14-24**

**Total Credit Hours Required for this Major: 60-70**

*\*Prerequisite or corequisite required.*

**Concentration: Engineering & Technology**

Associate of Science  
Major Code: 2122S

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1	3
MATH 147	Precalculus*	5
EDUC 106	Applied Leadership & Safety	1
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
<b>Total</b>		<b>16</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
ARTS 101	Art History I	3
EDUC 108	Introduction to Welding Instruction	2
EDUC 204	Families, Communities, & Culture*	3
PSYC 101	General Psychology	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3

*Social Science courses must be from 2 different disciplines.*

**Total** **17**

**Fall Semester Sophomore Year**

EDUC 105	CAD Engineering and Design	3
EDUC 111	Introduction to Manufacturing	3
EDUC 205	Development/Individual Differences*	3
ENGL 202	Technical Communication	3
PHYS 111	General Physics I*	4

**Total** **16**

**Spring Semester Sophomore Year**

EDUC 107	Computer Operating Systems	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHIL 202	Ethics	3
PHYS 112	General Physics 2*	4
ELEC GE	General Education Elective	2

**Total** **16**

**Total Credit Hours Required for this Major: 65**

*\*Prerequisite or corequisite required.*



**Concentration: English**Associate of Arts  
Major Code: 2122R*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH GE	Any Gen Ed Math Course	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
HLTH 155	Health & Wellness	3
<b>Total</b>		<b>16</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
ENGL 175	Introduction to Literature	3
SCIG GE	Any Gen. Ed. Science Course	4
<b>Total</b>		<b>16</b>

**Fall Semester Sophomore Year**

COMM 101	Fundamentals of Oral Communication	3
EDUC 290	Education Exit Seminar*	1
ENGL LS	Literature Survey Sequence Course	3
ENGL LS	Literature Survey Sequence Course	3
EDUC 215	Educational Technology*	3
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>16</b>

**Spring Semester Sophomore Year**

ENGL 211	Intro to Literary Analysis	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
ENGL LS	Literature Survey Sequence Course	3
ELEC ANY	College Level Electives	0-9
<b>Total</b>		<b>13-22</b>

**Literature Survey Sequence**

<i>Choose one sequence and one other Literature course.</i>		
ENGL 257	Western World Literature 1	3
& ENGL 258	Western World Literature 2	3
ENGL 267	Survey of English Literature 1	3
& ENGL 268	Survey of English Literature 2	3
ENGL 277	Survey of American Literature	3
& ENGL 278	Survey of American Literature 2	3

**Total Credit Hours Required for this Major: 61-70***\*Prerequisite or corequisite required.***Concentration: Geography**Associate of Arts  
Major Code: 2122R*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH GE	Any Gen Ed Math Course	3
GEOG 100	Physical Geography	4
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
<b>Total</b>		<b>14</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
GEOG 102	Cultural Geography	3
<b>Total</b>		<b>16</b>

**Fall Semester Sophomore Year**

COMM 101	Fundamentals of Oral Communication	3
EDUC 290	Education Exit Seminar*	1
EDUC 215	Educational Technology*	3
GEOG 200	World Regional Geography	3
HUMA GE	Any Gen. Ed. Humanities Course	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>16</b>

**Spring Semester Sophomore Year**

HUMA GE2	Any 2nd Gen Ed Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
ELEC GE	General Education Elective	1
GEOL 155	Intro to Global Positioning Systems	2
HLTH 155	Health & Wellness	3
ELEC ANY	College Level Elective Course(s)	5-15
<b>Total</b>		<b>14-24</b>

**Total Credit Hours Required for this Major: 60-70***\*Prerequisite or corequisite required.*

**Concentration: Geology**Associate of Arts  
Major Code: 2122R*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1	3
MATH 147	Precalculus	5
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
<b>Total</b>		<b>15</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
EDUC 204	Families, Communities, & Culture*	3
GEOL 101	Physical Geology	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>16</b>

**Fall Semester Sophomore Year**

EDUC 205	Development/Individual Differences*	3
PHYS 111	General Physics 1	4
HLTH 155	Health & Wellness	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
ELEC ANY	College Level Electives	1-11
<b>Total</b>		<b>14-24</b>

**Spring Semester Sophomore Year**

HUMA GE2	Any 2nd Gen Ed Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
GEOL 102	Historical Geology	4
PHYS 112	General Physics 2	4
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
<b>Total</b>		<b>15</b>

**Total Credit Hours Required for this Major: 60-70***\*Prerequisite or corequisite required.***Concentration: History**Associate of Arts  
Major Code: 2122R*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH GE	Any Gen Ed Math Course	3
HIST 101	Western Civilization 1	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
HLTH 155	Health & Wellness	3
<b>Total</b>		<b>16</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
HIST 102	Western Civilization 2	3
SCIG GE	Any Gen. Ed. Science Course	4
<b>Total</b>		<b>16</b>

**Fall Semester Sophomore Year**

COMM 101	Fundamentals of Oral Communication	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
HIST 111	US History 1	3
HUMA GE	Any Gen. Ed. Humanities Course	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>16</b>

**Spring Semester Sophomore Year**

HUMA GE2	Any 2nd Gen Ed Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
HIST 112	US History 2	3
HIST 251	Latin American History	3
<b>Total</b>		<b>13</b>

**Total Credit Hours Required for this Major: 61***\*Prerequisite or corequisite required.*

**Concentration: Mathematics**

Associate of Arts  
Major Code: 2122R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH 170	Calculus	5
HUMA GE	Any Gen Ed Humanities Course	3
SOCS GE	Any Gen Ed Soc. Science Course	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
<b>Total</b>		<b>18</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
MATH 175	Calculus 2	4
SCIG GE	Any Gen Ed Science Course	4
<b>Total</b>		<b>17</b>

**Fall Semester Sophomore Year**

HUMA GE2	Any 2nd Gen Ed Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
EDUC 215	Educational Technology*	3
SCIG GE2	Any 2nd Gen Ed. Science Course	4
<i>Science courses must be from 2 different disciplines</i>		
MATH 176	Discrete Mathematics	4
MATH 275	Calculus 3	4
<b>Total</b>		<b>18</b>

**Spring Semester Sophomore Year**

COMM 101	Fundamentals of Oral Communication	3
EDUC 290	Education Exit Seminar*	1
ELEC GE	General Education Elective	2
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
MATH 230	Introduction to Linear Algebra	3
HLTH 155	Health & Wellness	3
<b>Total</b>		<b>15</b>

**Total Credit Hours Required for this Major: 68**

*\*Prerequisite or corequisite required.*

**Concentration: Music**

Associate of Arts  
Major Code: 2122R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1	3
MATH GE	Any Gen Ed Math Course	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
MUSI 101	Theory of Music 1	3
MUSI 111	Aural Skills 1	1
<b>Total</b>		<b>17</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
SCIG GE	Any Gen. Ed. Science Course	4
MUSI 102	Theory of Music 2*	3
MUSI 112	Aural Skills 2*	1
EDUC 204	Families, Communities, & Culture*	3
<b>Total</b>		<b>17</b>

**Fall Semester Sophomore Year**

EDUC 205	Development/Individual Differences*	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
SOCS GE	Any Gen. Ed Soc. Science Course	3
MUSI 120	Symphonic Band (take twice)	1
or MUSI 121	Symphony Orchestra (take twice)	1
or MUSI 133	Percussion Ensemble (take twice)	1
MUSI 130	Chamber Choir (take twice)	1
MUSI 145	Class Voice	2
HLTH 155	Health & Wellness	3
<b>Total</b>		<b>17</b>

**Spring Semester Sophomore Year**

EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
MUSI 120	Symphonic Band (take twice)	1
or MUSI 121	Symphony Orchestra (take twice)	1
or MUSI 133	Percussion Ensemble (take twice)	1
MUSI 150	Beginning Class Piano 1	2
MUSI 130	Chamber Choir (take twice)	1
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
<i>Humanities courses must be from 2 different disciplines</i>		
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
ELEC GE	General Education Elective	4
<b>Total</b>		<b>18</b>

**Total Credit Hours Required for this Major: 69**

*\*Prerequisite or corequisite required.*

**Concentration: Physical Science**Associate of Arts  
Major Code: 2122R*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH 170	Calculus 1	5
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
HUMA GE	Any Gen. Ed. Humanities Course	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>18</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
MATH 175	Calculus 2	4
SCIG GE2	Any Gen. Ed. Science Course	4

*Science courses must be from 2 different disciplines.***Total** 17**Fall Semester Sophomore Year**

CHEM 111	Principles of Chemistry 1	5
HUMA GE2	Any 2nd Gen Ed Humanities Course	3

*Humanities courses must be from 2 different disciplines*

EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
HLTH 155	Health & Wellness	3

**Total** 15**Spring Semester Sophomore Year**

COMM 101	Fundamentals of Oral Communication	3
CHEM 112	Principles of Chemistry 2	5
PHYS 211	Physics of Scientists & Engineers 1	5
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3

*Social Science courses must be from 2 different disciplines.*

ELEC GE	General Education Elective	1
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**Total** 17**Total Credit Hours Required for this Major:** 67*\*Prerequisite or corequisite required.***Concentration: Political Science**Associate of Arts  
Major Code: 2122R*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen Ed Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
<b>Total</b>		<b>14</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
POLS 101	American National Government	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4

*Science courses must be from 2 different disciplines.***Total** 16**Fall Semester Sophomore Year**

COMM 101	Fundamentals of Oral Communication	3
EDUC 290	Education Exit Seminar*	1
POLS 102	Introduction to Political Science	3
EDUC 215	Educational Technology*	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3

*Social Science courses must be from 2 different disciplines.*

HUMA GE	Any Gen. Ed. Humanities Course	3
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**Total** 16**Spring Semester Sophomore Year**

HUMA GE2	Any 2nd Gen Ed Humanities Course	3
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*Humanities courses must be from 2 different disciplines.*

POLS 221	Introduction to International Relations	3
ELEC POLS	Any Political Science	3
HLTH 155	Health & Wellness	3
ELEC ANY	College Level Elective	2-12

**Total** 14-24**Total Credit Hours Required for this Major:** 60-70*\*Prerequisite or corequisite required.*



**Concentration: Psychology**Associate of Arts  
Major Code: 2122R*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH 143	College Algebra	3
HLTH 155	Health & Wellness	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
PSYC 101	General Psychology	3
<b>Total</b>		<b>16</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
PSYC 201	Child & Adolescent Develop	3
SCIG GE	Any Gen. Ed. Science Course	4
<b>Total</b>		<b>16</b>

**Fall Semester Sophomore Year**

COMM 101	Fundamentals of Oral Communication	3
PSYC 217	Statistical Methods	3
EDUC 215	Educational Technology*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>15</b>

**Spring Semester Sophomore Year**

PSYC 228	Introduction to Tests & Measurement	3
EDUC 290	Education Exit Seminar*	1
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
ELEC GE	General Education Elective	4
<b>Total</b>		<b>15</b>

**Total Credit Hours Required for this Major: 62***\*Prerequisite or corequisite required.***Concentration: Social Science**Associate of Arts  
Major Code: 2122R*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH GE	Any Gen Ed Math Course	3
HIST 111	US History 1	3
or HIST 112	US History 2	
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
POLS 101	American National Government	3
<b>Total</b>		<b>16</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
ECON 201	Principles of Macroeconomics	3
SCIG GE	Any Gen. Ed. Science Course	4
<b>Total</b>		<b>16</b>

**Fall Semester Sophomore Year**

COMM 101	Fundamentals of Oral Communication	3
HUMA GE	Any Gen. Ed. Humanities Course	3
EDUC 215	Educational Technology*	3
HIST 101	Western Civilization 1	3
or HIST 102	Western Civilization 2	
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>16</b>

**Spring Semester Sophomore Year**

HUMA GE2	Any 2nd Gen Ed Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SOCY 101	Introduction to Sociology	3
EDUC 290	Education Exit Seminar*	1
HLTH 155	Health & Wellness	3
ELEC ANY	College Level Electives	2-12
<b>Total</b>		<b>12-22</b>

**Total Credit Hours Required for this Major: 60-70***\*Prerequisite or corequisite required.*

**Concentration: Sociology**

Associate of Arts  
Major Code: 2122R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH GE	Any Gen Ed Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
<b>Total</b>		<b>14</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
SOCY 101	Introduction to Sociology	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4

*Science courses must be from 2 different disciplines.*

**Total** 16

**Fall Semester Sophomore Year**

ANTH 102	Cultural Anthropology	3
COMM 101	Fundamentals of Oral Communication	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
SOCY 102	Social Problems	3
HUMA GE	Any Gen. Ed. Humanities Course	3
<b>Total</b>		<b>16</b>

**Spring Semester Sophomore Year**

HUMA GE2	Any 2nd Gen Ed Humanities Course	3
ELEC GE	General Education Elective	4
SOCY 238	Race & Ethnic Relations	3
HLTH 155	Health & Wellness	3
ELEC ANY	College Level Electives	1
<b>Total</b>		<b>14</b>

**Total Credit Hours Required for this Major:** 60

*\*Prerequisite or corequisite required.*

**Concentration: Spanish**

Associate of Arts  
Major Code: 2122R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH GE	Any Gen Ed Math Course	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
SPAN 101	Elementary Spanish 1	4
<b>Total</b>		<b>14</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
SPAN 102	Elementary Spanish 2	4
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
SCIG GE	Any Gen. Ed. Science Course	4
<b>Total</b>		<b>17</b>

**Fall Semester Sophomore Year**

COMM 101	Fundamentals of Oral Communication	3
SPAN 201	Intermediate Spanish 1	4
EDUC 215	Educational Technology*	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3

*Social Science courses must be from 2 different disciplines.*

**Total** 16

**Spring Semester Sophomore Year**

SCIG GE2	Any 2nd Gen. Ed. Science Course	4
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
SPAN 202	Intermediate Spanish 2	4
EDUC 290	Education Exit Seminar*	1
HLTH 155	Health & Wellness	3
<b>Total</b>		<b>15</b>

**Total Credit Hours Required for this Major:** 62

*\*Prerequisite or corequisite required.*

**Concentration: Theatre**

Associate of Arts  
Major Code: 2122R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH GE	Any Gen Ed Math Course	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
THEA 111	Fundamentals of Acting	3
THEA 130	Stagecraft	3
<b>Total</b>		<b>16</b>

<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
SCIG GE	Any Gen. Ed. Science Course	4
THEA 250	Classroom Drama	3
EDUC 204	Families, Communities, & Culture*	3
<b>Total</b>		<b>16</b>

<b>Fall Semester Sophomore Year</b>		
EDUC 205	Development/Individual Differences*	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines</i>		
SOCS GE2	Any Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
THEA 201	Theatre History 1	3
THEA 211	Voice for Theatre	2
THEA 240	Stage Makeup	2
<b>Total</b>		<b>17</b>

<b>Spring Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
THEA 202	Theatre History 2	3
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 disciplines.</i>		
ELEC GE	General Education Elective	1
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
HLTH 155	Health & Wellness	3
<b>Total</b>		<b>17</b>

**Total Credit Hours Required for this Major: 66**  
*\*Prerequisite or corequisite required.*

**EDUCATION – SPECIAL**

Contact: Tracey Meyerhoeffer, (208) 732-6874  
tmeyerhoeffer@csi.edu

The goals of the Special Education Program are to introduce students to the special education profession, to help students earn an Associate of Arts degree, and to assist students as they prepare for transfer to a four-year special education program. Students take courses from the CSI general education core as well as specific program requirements in Special Education.

Students who complete an Associate of Arts degree in special education are prepared for employment in schools or other educational placements in need of paraprofessionals/teacher assistants. Students who receive a Bachelor's degree in special education can be employed as special education teachers of other capacities requiring an education degree.

**Program Application Required: No**

**Sample Career Opportunities:** Special Education Teachers

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 2123R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1	3
MATH 143	College Algebra*	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUA 231	Individual Education Programs	3
EDUA 248	Behavior Intervention & Classroom	3
<b>Total</b>		<b>16</b>

<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
EDUC 204	Families, Communities, & Culture*	3
EDUA 240	Develop and Adapt the Curriculum	3
EDUA 245	Special Education Policies & Procedures	3
HLTH 155	Health & Wellness	3
COMM 101	Fundamentals of Oral Communication	3
<b>Total</b>		<b>18</b>

<b>Fall Semester Sophomore Year</b>		
EDUA 276	Assistive Technology & Special Education	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
SCIG GE	Any Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>16</b>

<b>Spring Semester Sophomore Year</b>		
EDUC 290	Education Exit Seminar*	1
HUMA GE	Any Gen. Ed. Humanities Course	3
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
SOCS GE2	Any Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
ELEC GE	General Education Elective	4
<b>Total</b>		<b>18</b>

**Total Credit Hours Required for this Major: 68**

# COURSE DESCRIPTIONS

## EARLY CHILDHOOD EDUCATION

### **EARC 105 Early Childhood Environments 3 Cr Hrs**

Students will learn how to design and arrange quality early childhood learning environments that are healthy and safe. Pre-service early childhood teachers will learn about developmentally appropriate domains and learning and will learn to develop Literacy, Manipulative, Sensory, Science, Math, Block, Dramatic Play, Art, Outdoor, Music, and Technology centers. Students will study early childhood organization plans, procedures, and physical facilities, and they will survey necessary materials and equipment by visiting and evaluating early learning centers. Students will develop a process of designing and critiquing appropriate learning environments for young children. Students will evaluate an Early Childhood center by completing a PQA. Students are required to complete and pass a background check.

### **EARC 109 Foundations of Early Childhood Education 3 Cr Hrs**

This is a study of foundations and professional careers in early childhood education and early childhood special education. Students are required to complete and pass a background check.

### **EARC 155 Early Childhood Practicum 3 Cr Hrs**

This course includes observation, interaction, and assessment in preschool and toddler labs. Students are involved in lesson plan writing and head teacher responsibilities based on child observation and assessment. Each semester requires an increasing level of responsibility and competency. Admission to the program is required. Students are required to complete and pass a background check. This course must be repeated for a total of 12 Cr Hrs edits for the AAS degree and 6 Credits for the AA degree. Corequisite: EARC 166.

### **EARC 166 Early Childhood Curriculum 2 Cr Hrs**

In this course, students examine how policies and curriculum mandates improve learning outcomes in Early Childhood Settings. Students will focus on the role of curriculum as a remediation tool or a tool to focus on children's competencies. Through a reflective approach, students will learn to evaluate and design a curriculum that coaches children to learn about learning and how to work with materials. Students will evaluate their own learning and their responsibility to reflect on the role of risk in a child's curriculum. Admission to the program is required. This course must be repeated for a total of 4 Credits for the AAS degree and the AA degree. Corequisite: EARC 155.

### **EARC 171 CDA Training 1 3 Cr Hrs**

The CDA credential is a national credential earned by individuals working with children age five and younger in a group child care setting. This course is the first of three modules in which students must have a minimum of 120 hours of formal course work as required to apply for the CDA credentialing assessment. The course curriculum is aligned with the standards issued by the Council for Professional Recognition. In order to complete fieldwork assignments, the student must be employed in a child care setting. Students are required to complete and pass a background check.

### **EARC 172 CDA Training 2 3 Cr Hrs**

This course is the second module in the CDA credential. The course curriculum is aligned with the standards issued by the Council for Professional Recognition. In order to complete fieldwork assignments, the student must be employed in a child care setting. Students are required to complete and pass a background check.

### **EARC 173 CDA Training 3 3 Cr Hrs**

This course is the third module in the CDA credential. The course curriculum is aligned with the standards issued by the Council for Professional Recognition. In order to complete fieldwork assignments,

the student must be employed in a child care setting. This course guides students through the process of applying for assessment for the national Child Development Associate (CDA) credential. Students are required to complete and pass a background check.

### **EARC 185 Recognizing Child Abuse 1 Cr Hr**

This course will identify the characteristics of child abuse Crime and characteristics of victims and offenders. The role of law enforcement and the Idaho Code will be discussed as well as appropriate assistance for the child abuse victim. Self care will also be emphasized.

### **EARC 194 Intro to Teaching Children's Literature 3 Cr Hrs**

This course is a review of children's literature and the role of literacy in the development of the young child. This course meets the requirements of preparation for the ICLA Standard II, Reading comprehension Research and Best Practices, with the study of comprehension instructional strategies such as QRA. Reciprocal Questioning, KWL charts and more. students participate in book reviews and lesson plans, and they learn to identify characteristics of quality books and to identify strategies for engaging students in reading.

### **EARC 195 SRAEYC Conference 1 Cr Hrs**

This course introduces students to national and community early childhood specialists and a variety of new topics and concepts. Students will be involved in workshops in a two-day format plus follow-up homework assignments.

### **EARC 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

### **EARC 200 Early Childhood Ed Independent Study 1-3 Cr Hrs**

This is a long-term project. Students should make contact with the instructor in their field of interest.

### **EARC 203 Child Development 3 Cr Hrs**

This course includes basic principles of child growth and development, ages 0-8 years of age, focusing on cognitive and affective development and assessment of children. The course includes techniques of guidance and methods of observing and understanding children's behavior. Students will be asked to observe and interview children and families and to conduct studies using Jean Piaget's work. Students are required to complete and pass a background check.

### **EARC 207 Infant & Toddler Care & Education 3 Cr Hrs**

This course provides a study of developmentally appropriate care and education of infants and toddlers in group settings. Students will participate in a supervised field experience which includes observations and assessments of infants and toddlers. Students will conduct a formal environmental assessment. A total 45 hours of field work is required for this class. Students are required to complete and pass a background check.

### **EARC 209 Inclusive Practices for Infants & Toddlers 3 Cr Hrs**

This course offers knowledge and experiences that relate to the child, birth to three years of age, who is eligible for Infant/Toddler special education services. Early intervention policies and practices as mandated by Part C of IDEA will be provided with an emphasis on creating learning opportunities within typical routines and natural environments in the context of family and community. There will be a focus on systems theory, collaborative teaming, the coaching model in early intervention, family-centered intervention, service coordination, and resource/support development. Assessment will be linked to



functional outcomes and objectives developed in an Individual Family Service Plan. Students are required to complete and pass a background check. Prerequisite: EARC 207.

## EDUCATION ASSISTANT

### **EDUA 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

### **EDUA 201 Educational Applications of Spanish 4 Cr Hrs**

Designed for education students with a strong foundation in Spanish, this practical course develops the skills and vocabulary for greater communication in the diverse classroom. Areas of emphasis are on using Spanish across the curriculum and communication with Spanish speaking parents. Prerequisite: SPAN 101, SPAN 102, SPAN 201 and SPAN 202 or instructor permission.

### **EDUA 202 Conversational Spanish in Education 3 Cr Hrs**

This course strengthens skills by providing many opportunities to communicate in Spanish with native speakers. This immersion style approach to language learning focuses on daily topics related to educational setting. Prerequisite: SPAN 101, SPAN 102, SPAN 201, SPAN 202 and EDUA 201 or instructor permission.

### **EDUA 227 Materials for Reading Instruction 2 Cr Hrs**

This course is an examination of the design and use of instructional reading materials.

### **EDUA 228 Effective Teaching 1 Cr Hr**

This course is an overview of various communication theories and data collecting techniques used in the decision making process concerning the instructional implementation and assessment of individual education programs for students with disabilities.

### **EDUA 230 Foundations of Literacy 3 Cr Hrs**

This course covers formal and informal literacy assessments, instructional procedures, and materials for improving students' decoding, word recognition, fluency, and comprehension.

### **EDUA 231 Individual Education Programs 3 Cr Hrs**

This course is a survey of assessment procedures for determining eligibility and identifying the educational needs and services of students (K-12) requiring an individual education plan within the established categories of exceptionality.

### **EDUA 233 Teaching Reading in Pre-K 3 Cr Hrs**

This course is a survey of instructional methods, materials, and developmental issues impacting pre-kindergarten learners. A first aid/CPR component is also included in this course.

### **EDUA 234 Emotional/Behavior Issues 2 Cr Hrs**

This course is an overview of the causes, trends, issues, and strategies for developing and implementing effective educational programs for students with emotional/behavioral issues, including those students who qualify as emotionally disturbed.

### **EDUA 236 Teaching Writing in Schools 3 Cr Hrs**

This course covers language standards and benchmarks. The Idaho State Achievement Test (ISAT) for language and the Idaho Direct Writing assessments will be discussed. Participants will learn and practice methods of teaching skills in the area of writing.

### **EDUA 237 Teaching Reading in Elementary School 3 Cr Hrs**

This course covers principles and methods for teaching reading in the elementary school including related topics such as grouping children for reading, managing and planning time, and classroom management.

### **EDUA 240 Develop & Adapt the Curriculum 3 Cr Hrs**

This course teaches collaborative approaches for the adaptation of the general education curriculum for students with disabilities.

### **EDUA 241 Teaching Reading & Middle School 3 Cr Hrs**

This course teaches principles and methods for teaching reading in the middle school including topics such as fostering middle grade students' strategic reading and studying of various subject areas and enhancing students' interest in reading and writing.

### **EDUA 242 Family/Community Relations & Disabilities 3 Cr Hrs**

This course is an orientation concerning the best communication practices for promoting positive collaborative relationships between families, communities, and schools.

### **EDUA 244 Culture Literacy & Classroom 3 Cr Hrs**

This course provides an overview of economic, social, political, and cultural factors that affect learning and the teaching of literacy. It also includes application of multicultural perspectives to curriculum development and classroom literacy practice.

### **EDUA 245 Special Education Policies & Procedures 3 Cr Hrs**

This course provides an overview of the special education profession, including the history of special education, legal background, current laws, regulations, and court rulings, as well as instruction concerning the IEP process.

### **EDUA 246 Current Issues & Practices in Literature Ed. 3 Cr Hrs**

This course covers theories and research about literacy development and instruction, preschool through high school.

### **EDUA 248 Behavioral Intervention & Classroom 3 Cr Hrs**

This course is an examination of theoretical classroom management models and the practical aspects of behavioral intervention concerning conflict resolution and self-control.

### **EDUA 271 Computer Based Instruction in Reading 3 Cr Hrs**

Integration of Technology into instruction to enhance student literacy development K-12.

### **EDUA 272 Physical/Medical Issues 2 Cr Hrs**

This course is a broad overview of the legal and educational implications concerning medical/physical issues within the educational setting. A first aid/CPR component is also included in this course.

### **EDUA 274 Ethics & Special Education 1 Cr Hr**

This course is a consideration of ethical issues concerning students with disabilities, their communities, and their families.

### **EDUA 276 Assistive Technology & Special Education 3 Cr Hrs**

This course introduces students to a variety of technological devices, services, and software programs designed to assist students with disabilities in gaining an effective education and leading productive lives.

### **EDUA 277 Teaching Math in Elementary School 3 Cr Hrs**

This course covers math standards and benchmarks. The Idaho State Achievement Test and the Idaho Math Learning Continuum will be discussed. Participants will learn and practice methods of teaching math skills to students in the primary grades. Methods of monitoring students progress will be reviewed and practiced.

**EDUA 278 Teaching Math in Middle School 3 Cr Hrs**  
This course covers math standards and benchmarks. The Idaho State Achievement Test and the Idaho Math Learning Continuum will be discussed. Participants will learn and practice methods of teaching math skills to students in the middle school grades. Methods of monitoring students progress will be reviewed and practiced.

**EDUA 281 Teaching, Learning, and Technology 3 Cr Hrs**  
Expanding on EDUC 215, this course further examines how teachers may use technology to extend and enhance student learning. The Idaho State Department of Education's Electronic Learning Model serves as the foundation for this class.

**EDUA 285 Internship 3 Cr Hrs**  
This course matches career interests and skill levels of students with actual career opportunities. The student, the teacher, and the host site coordinator will accept a developed field experience plan with learning objectives at the time of placement.

**EDUA 286 ESL Methodology & Practice 3 Cr Hrs**  
Course delineates the past and present 2nd language acquisition theories as well as effective methods for instruction in an ESL classroom. Students will be provided with the skills needed to plan and reflect upon the theoretical frameworks for second language acquisition and develop a repertoire of effective strategies for teaching in a second language acquisition classroom. This course may be repeated. A maximum of 3 Cr Hrs edit hours that may be accumulated.

## EDUCATION

**EDUC 101 Step 1: Inquiry Approaches to Teaching 1 Cr Hr**  
In this course students learn the theory and practice necessary to design and deliver inquiry-based math and science instruction. Students explore and practice the guided inquiry process, Create lesson plans and implement them during visits to elementary classrooms. Field work required. This course requires students to complete a background check.

**EDUC 102 Step 2: Inquiry-Based Lesson Design 1 Cr Hr**  
In this course, students develop skills in designing, teaching, analyzing, and assessing inquiry-based math and science lessons. Students Create lesson plans and implement them during visits to middle school classrooms. Fieldwork required. This course requires students to complete a background check. Prerequisite: EDUC 101.

**EDUC 105 CAD Engineering And Design 3 Cr Hrs**  
This course is designed to develop skills in engineering design using sketches and computer aided drawing software. The course topics covered include: drawing projection, section and auxiliary views, pictorial representation, lettering, dimensioning on scales. Prerequisites: basic knowledge of computers.

**EDUC 106 Applied Leadership & Safety 1 Cr Hrs**  
Students will learn the safety skills needed in a welding environment to include OSHA General Industry Safety certification. Students will perform these skills by serving as a shop foreperson for a minimum of one week. Students will also be introduced to the demands and professional expectations of the welding profession. Students will fill out work orders on equipment using proper service manual, utilize a time clock and follow a task list for the welding program. Students will work as a team on assigned projects with other students, following safety and CSI policies as outlined. Students will be tested and qualified to meet the requirements of AWS Sense QC10, Specification of the Qualification and Certification for Entry Level Welders. Prerequisite: Instructor's permission.

**EDUC 107 Computer Operating Systems 3 Cr Hrs**  
This course will provide basic instruction in computers and computer operating systems. Students will use both DOS and Windows to gain hands on experience in commands, preparing, copying, and maintaining disks. Students will learn the role of system commands to manage the computer environment and optimize system performance. Students will learn the interaction between operating systems and application software by loading software, Creating batch files, and optimizing systems. Course will help prepare students for CompTIAA+ software exam.

**EDUC 108 Introduction to Welding Instruction 2 Cr Hrs**  
This course is intended to introduce the basic skills necessary for teaching welding as a secondary educator. Students will learn welding theory and the techniques needed to properly set up and use SMAW, GMAW, FCAW & GRAW welding equipment. The course does not lead to any industry certifications or qualifications. Prerequisite: EDUC 106.

**EDUC 110 Peer Tutor Training 1 Cr Hr**  
This course provides an introduction to individual and small group tutoring. Emphasis is placed on teaching strategies, communication skills, ethics, and learning styles.

**EDUC 111 Introduction to Manufacturing 3 Cr Hrs**  
This course is designed to impart technical knowledge and skills for the use of manufacturing equipment and procedures. Knowledge and skills mastered in this class are an introduction to design and production in the manufacturing process. Material covered will include: principles of manufacturing, manufacturing materials, an introduction to Computer Integrated Manufacturing (CIM), along with federal and state OSHA requirements. Industry tours will be a Critical part of exploring manufacturing. Prerequisite: MATH 023 or higher, compass or equivalent placement score.

**EDUC 199 Special Topics 1-5 Cr Hrs**  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**EDUC 201 Foundations of Education 3 Cr Hrs**  
This course introduces social, philosophical, and historical perspectives in education. Students will examine the teaching field, current trends, and teaching as a profession. (This class includes portfolio entry: Autobiographical Essay. This class addresses Idaho Core Teacher 6 and 9). Corequisite: EDUC 202.

**EDUC 202 Field Experience 1 Cr Hr**  
This course provides students with experience in K-12 classrooms and weekly discussions regarding professionalism in teaching. Under the supervision of a cooperating teacher, students will complete 30 hours observing and aiding their mentoring teacher. (This course addresses Idaho Core Teacher Standards 2, 6, and 9). A background check is required. Corequisite: EDUC 201

**EDUC 203 Applied Education 1-4 Cr Hrs**  
This course applies principles of education to teaching and other related education areas. Prerequisite: EDUC 201 or instructor permission.

**EDUC 204 Families, Communities, & Culture 3 Cr Hrs**  
This course examines the interactions of schools, families, communities, and diverse cultures as a basis for reflecting on the social context of learning. Non-participation K-12 classroom observations are included. (This course includes portfolio entry: Statement of Informed Beliefs. This class addresses Idaho Core Teacher Standards 3, 6 and 9). A background check is required. Prerequisite: ENGL 101.

**EDUC 205 Development/Individual Differences 3 Cr Hrs**

This course examines the areas of exceptionality as identified in the laws and policies related to individualized education and considered as a basis for reflecting on human development/individual differences and diversity in the school. (This course includes Portfolio Entry: Individual Differences Student Profile. This class addresses Idaho Core Teacher Standards 2, 6, and 9). A background check is required. Prerequisite: ENGL 101.

**EDUC 210 Knowing and Learning in Math and Science 3 Cr Hrs**

The goal of this course is to develop a powerful tool kit of approaches to knowing and learning in mathematics and science. Students are introduced to theories and principles of cognition and learning and research on learning, memory, individual development, motivation and intelligence. Students design lesson plans, instruction and assessment applying learning theory. Emphasis is in mathematics and science learning. Prerequisite: EDUC 102.

**EDUC 215 Educational Technology 3 Cr Hrs**

Based on the National Education Technology Standards, this course addresses the technology-related components of the Idaho Core Teacher Standards. Additionally, students are exposed to the most recent developments in education technology. This course emphasizes the International Society for Technology in education Standards 2 and 3 and Idaho Core Teacher Standards 1, 4, 6, 9, and 10.

**EDUC 265 Online Learning Environments 3 Cr Hrs**

This course introduces students to the theory and practice of online learning environments (OLEs) and online communication processes. It explores models of online learning environments as viable alternatives or supplements to traditional face-to-face or building-based learning models. Students will investigate the theoretical, conceptual, instructional, and technical framework of OLEs in pursuit of lifelong learning.

**EDUC 290 Education Exit Seminar 1 Cr Hrs**

This course is the capstone course in the Teacher Education Program. Students will complete a professional outcomes portfolio. Students will be introduced to representatives from Idaho institutions and encouraged to complete application materials for their institution of choice. (This course addresses Idaho Core Teacher Standards 2, 6, and 9). Prerequisite: EDUC 201, 202, 204, and 205.

# ENGLISH, LANGUAGES & PHILOSOPHY DEPARTMENT

## PROGRAMS OF STUDY

### AMERICAN SIGN LANGUAGE

**Contact:** Dawnette Reis-Rodriguez, (208) 732-6881  
dreis@csi.edu

This performance-based visual-gestural language sequence focuses on conversational competence of American Sign Language (ASL), receptive and expressive, in a developmental sequence via the direct interactive method, i.e. without translating to/from a first language. Additional courses address fingerspelling, knowledge of deaf culture and community, creative use of sign language, and completion of General Education core. Videotaping and written assignments assess language proficiency and knowledge of deafness.

Sign language majors pursue baccalaureate degrees in deaf studies, early childhood education, vocational rehabilitation, educational interpreting, and may enter any number of professions including careers in human service, interpreting, education, social service, teaching, and business.

Completion of the following courses is designed to result in an associate degree, and meets the general education requirements at all Idaho public universities. Course selection should be coordinated to meet requirements for your intended transfer institution.

**Program Application Required: No**

**Sample Career Opportunities:** Interpreters and Translators

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 1314R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
COMM 101	Fundamentals of Oral Communication	3
MATH GE	Any Gen. Ed. Math Course	3
SIGL 101	American Sign Language 1	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
SCIG GE	Any Gen. Ed. Science Course	4
SIGL 102	American Sign Language 2*	4
SIGL 203	Fingerspelling and Numbers*	3
SIGL 204	Signing Seminar*	3
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
SIGL 201	American Sign Language 3*	4
SIGL 220	Deaf Culture and Community*	3
ELEC GE	Any 2nd Gen. Ed. Humanities Credits	3
<i>Humanities courses must be from 2 different disciplines.</i>		
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
<b>Total</b>		<b>16-17</b>
<b>Spring Semester Sophomore Year</b>		
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
SIGL 202	American Sign Language 4*	4
SIGL 213	Creative Sign Language*	3
SIGL 298	American Sign Language Linguistics*	3
<b>Total</b>		<b>13</b>
<b>Total Credit Hours Required for this Major:</b>		<b>62-63</b>
<i>*Prerequisite or corequisite required.</i>		



# ENGLISH

Contact: Whitney Smith, (208) 732-6844  
wsmith@csi.edu

The English curriculum promotes critical awareness through the study of composition and diverse works and genres of literature. English majors may pursue baccalaureate degrees and use their background in literature and creative and critical communication skills to enter virtually any profession. English majors often become lawyers, professional writers, teachers, administrators, managers, and business professionals. Completion of the program is designed to result in an Associate of Arts degree, and meets the general education requirements at all Idaho public universities. Course selection should be coordinated to meet requirements for your intended transfer institution.

**Program Application Required: No**

**Sample Career Opportunities:** Postsecondary English Language and Literature Teachers

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 1300R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
COMM 101	Fundamentals of Oral Communication	3
MATH GE	Any Gen. Ed. Math Course	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
FOR LANG	Any Selected Foreign Language Course	4
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
SCIG GE	Any Gen. Ed. Science Course	4
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
FOR LANG	Any Selected Foreign Language Course	4
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
<b>Total</b>		<b>16-17</b>
<b>Fall Semester Sophomore Year</b>		
ENGL 201	Intermediate Expository Composition*	3
SUR LIT	Survey of Literature Course #1	3
SUR LIT	Survey of Literature Course #2	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
ELEC ANY	College Level Elective Courses	2-3
<b>Total</b>		<b>15-16</b>
<b>Spring Semester Sophomore Year</b>		
ENGL 204	Introduction to Poetry*	3
ENGL 211	Intro to Literary Analysis*	3
SUR LIT	Survey of Literature Course	3
<i>Completes sequence of #1 or #2</i>		
ENGL 126	Film & Literature	
or ENGL 200	Level course	3
<b>Total</b>		<b>12</b>
<b>Foreign Language: Select two from the following</b>		
FREN 101	Elementary French	4
FREN 102	Elementary French 2*	4
JAPN 101	Elementary Japanese 1	4
JAPN 102	Elementary Japanese 2*	4
PORT 101	Elementary Portuguese 1	4
PORT 102	Elementary Portuguese 2*	4
SIGL 101	American Sign Language 1	4
SIGL 102	American Sign Language 2*	4
SIGL 201	American Sign Language 3*	4
SIGL 202	American Sign Language 4*	4
SPAN 101	Elementary Spanish 1	4
SPAN 102	Elementary Spanish 2*	4
SPAN 201	Intermediate Spanish 1*	4
SPAN 202	Intermediate Spanish 2*	4
<b>One complete sequence and one additional course from the following:</b>		
ENGL 257	Survey Western World Literature 1*	3
ENGL 258	Survey Western World Literature 2*	3
ENGL 267	Survey of English Literature 1*	3
ENGL 268	Survey of English Literature 2*	3
ENGL 277	Survey of American Literature 1*	3
ENGL 278	Survey of American Literature 2*	3
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required.*

**Language Courses:** Under certain circumstances, students may apply for vertical credit-refer to the catalog for more information.

**SPANISH**

Contact: Raquel Arenz, (208) 732-6853  
 rarenz@csi.edu

The Spanish major emphasizes oral, listening, and writing skills in order to acquire basic structures of the language. In addition, students study idioms and vocabulary used in ordinary situations. These courses provide an introduction to cultures, especially as cultures are reflected in language choice.

Spanish majors may pursue baccalaureate degrees in their area, and may also enter any number of professions including careers in translation, interpreting, research, teaching, business, and international relations. Further, students may use their language skills in bilingual activities in various professions such as teaching, health sciences, social services, and criminal justice, to name a few.

Completion of the following courses is designed to result in an associate degree, and meets the general education requirements at all Idaho public universities, Course selection should be coordinated to meet requirements for your intended transfer institution.

**Program Application Required: No**

**Sample Career Opportunities:** Postsecondary Foreign Language and Literature Teachers; Interpreters and Translators

*\*Talk to an advisor for additional career choices*

Associate of Arts  
 Major Code: 1315R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
COMM 101	Fundamentals of Oral Communication	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
SPAN 101	Elementary Spanish 1	4
<b>Total</b>		<b>16</b>

<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
SPAN 102	Elementary Spanish 2*	4
SCIG GE	Any Gen. Ed. Science Course	4
<b>Total</b>		<b>16-17</b>

<b>Fall Semester Sophomore Year</b>		
SPAN 201	Intermediate Spanish 1*	4
SUR LIT	Survey of Literature Course #1	3
SUR LIT	Survey of Literature Course #2	3
FOR LANG	Any Selected Foreign Language Course	4
<b>Total</b>		<b>14</b>

<b>Spring Semester Sophomore Year</b>		
SPAN 202	Intermediate Spanish 2*	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
SUR LIT	Survey of Literature Course	3
<i>Completes sequence of #1 or #2</i>		
FOR LANG	Any Selected Foreign Language Course	4
<b>Total</b>		<b>15</b>

**One complete literature sequence (two courses) and one additional course from the following:**

ENGL 257	Western World Literature 1*	3
ENGL 258	Western World Literature 2*	3
ENGL 267	Survey of English Literature 1*	3
ENGL 268	Survey of English Literature 2*	3
ENGL 277	Survey of American Literature 1*	3
ENGL 278	Survey of American Literature 2*	3

**Second language sequence (8 credits):**

PORT 101	Elementary Portuguese 1	4
PORT 102	Elementary Portuguese 2*	4
FREN 101	Elementary French 1	4
FREN 102	Elementary French 2*	4
JAPN 101	Elementary Japanese 1	4
JAPN 102	Elementary Japanese 2*	4
SIGL 101	American Sign Language 1	4
SIGL 102	American Sign Language 2*	4
SIGL 201	American Sign Language 3*	4
SIGL 202	American Sign Language 4*	4

**Total Credit Hours Required for this Major: 61-62**

*\*Prerequisite or corequisite required.*

**Language Courses:** Under certain circumstances, students may apply for vertical credit-refer to the catalog for more information.

# COURSE DESCRIPTIONS

## AMERICAN SIGN LANGUAGE

### **SIGL 101 American Sign Language 1 4 Cr Hrs**

This course creates a visual-gestural environment to introduce American Sign Language. The course will be conducted in the target language to provide students with the basic knowledge about ASL and Deaf Culture. The course will implement visual readiness activities to progress the students into employing correct linguistic features while producing commands, asking questions, and making simple statements. Fingerspelling is another component of the course. Appropriate cultural behaviors critical to conversation skills will be put into practice. Emphasis is on receptive skills, expressive skills, and cultural awareness. Videotaping and constructive feedback are necessary components of instruction. Required for majors. Recommend 70 or above on the writing portion of the COMPASS before enrolling.

### **SIGL 102 American Sign Language 2 4 Cr Hrs**

This course is a continuation of American Sign Language 1 and will be taught in the target language. This course builds off the basic skills developed in ASL 1 and focuses on developing accuracy and fluency in receptive and expressive skills. Additional linguistic features will be taught in order to enhance conversational skills. Spontaneous use of the language will expand the students' vocabulary through various discussions on daily life and world events. Supplementary information on Deaf Culture (people, history, and various group dynamics) will be discussed. Videotapings and constructive feedback are necessary components of instruction. Required for majors. Prerequisites: SIGL 101 with a 'C' or better. Corequisite: SIGL 102L

### **SIGL 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

### **SIGL 200 American Sign Language Independent Study 2 Cr Hrs**

Students must confer with the instructor and plan for semester-long study/skill-development, mentorship, or research related to a particular area of interest. Each credit hour is equivalent to 45 hours of work on a project. The request form for this project must be completed and approved by the instructor, department chair, and the Vice-President of Instruction, then filed in the Admissions and Records office. Prerequisite: Enrolled as a Sign Language Studies major or instructor's permission.

### **SIGL 201 American Sign Language 3 4 Cr Hrs**

This course, a continuation of American Sign Language 2 and will be taught in the target language. Greater emphasis is placed upon mastery of the linguistic principles of ASL in student generated conversations and monologues. Students will construct stories and narratives in the target language. Emphasis is placed on broadening the student's vocabulary in terms of being conceptually accurate (Semantics). Social opportunities and cultural information will expand student awareness of the relationships between language and culture. Videotaping and constructive feedback are necessary components of instruction. Required for Sign Language Majors. Prerequisite: SIGL 102 with a 'C' or better. Corequisite: SIGL 201L.

### **SIGL 202 American Sign Language 4 4 Cr Hrs**

This course is a continuation of American Sign Language 3 and will be taught in the target language. Emphasis is placed on developing the student's language skills by 1) expanding student responsibility for assigned and incidental vocabulary; 2) refining culturally appropriate

clarifying behaviors; 3) promoting initiative for self-generated material; and 4) expanding formats for dialogues and monologues. Social opportunities and cultural analysis will broaden student awareness of the relationships between language and culture. Videotaping and constructive feedback are necessary components of instruction. Required for Sign Language majors. Prerequisite: SIGL 201 with a 'C' or better. Corequisite: SIGL 202L

### **SIGL 203 Fingerspelling and Numbers 3 Cr Hrs**

This course addresses skill-building and the culturally appropriate use of both the manual alphabet and numbering system. The focus is on whole word and phase recognition common in signed conversations. Videotaping and feedback are necessary components or instruction. Required for Sign Language majors. Prerequisites: SIGL 101 with "C" or better or instructor's permission.

### **SIGL 204 Signing Seminar 3 Cr Hrs**

This course introduces students to (1) basic philosophy, historical perspectives, principles, and terminology related to the interpreting field; (2) ethical considerations; (3) rights, roles, and responsibilities of all individuals involved in the communication process; (4) various sign systems; (5) the growth and development of sign language interpreting as a profession. Required for Sign Language majors. Prerequisites: SIGL 101 with a 'C' or better or instructor's permission.

### **SIGL 213 Creative Sign Language 3 Cr Hrs**

This is an advanced course which focuses on refinement and fluency of ASL skills. This course introduces ASL students to enhanced forms of signing, beyond conversation. American Sign Language becomes integrated with common forms of "entertainment". Stimulus materials include storytelling, poetry, and musical genres. Strong emphasis is placed on Semantic analysis of ASL. Videotaping and constructive feedback are necessary components of instruction. Required for Sign Language majors. Prerequisites: SIGL 201/SIGL 201L with a 'C' or better. Corequisite: SIGL 202/SIGL 202L.

### **SIGL 220 Deaf Culture and Community 3 Cr Hrs**

This course examines the works of prominent people and events that support the history and evolution of Deaf Culture. Comparisons are drawn from broader, parallel, fundamental studies on language and culture. Materials that emphasize current issues relating to language study and minority group dynamics. This course will also address (1) dynamics within family groups and/or educational institutions; (2) cross-cultural issues; and (3) the structure and development of the deaf community. Recommend completion of ENGL 101, PSYC 101 or SOCY 101. Required for Sign Language majors. Prerequisite: Completion of SIGL 102 with a 'C' or better or instructor's permission.

### **SIGL 298 American Sign Language Linguistics 3 Cr Hrs**

This course will introduce the systematic rules of ASL. The linguistic aspects to be discussed are: morphology, phonology, syntax, semantics, and pragmatics. This course will explore the definition of language and the historical progression that has occurred. The course will take a closer look at the diversity and complexity between languages. Required for Sign Language majors. Prerequisite: completion of SIGL 201 with a 'C' or better or instructor's permission.

## ENGLISH

### **ENGL 015 Basic English and Writing 4 Cr Hrs**

This course is an introduction and review of basic skills and strategies needed for writing in college and the workplace, with emphasis on grammar and usage, sentence construction, and paragraph and essay development, preparing students for ENGL 090. Prerequisite: Placement test score and a departmental writing sample.

**ENGL 020 Writing and Reading Connections 5 Cr Hrs**

Students review and enhance basic skills and strategies for reading and writing in college and the workplace. Writing skills include essay development and a review of grammar and usage. Reading skills include identifying the stated or implied main idea of readings, as well as the writer's purpose, tone, and bias. Students write essays and read a variety of non-fiction selections.

**ENGL 090 Developmental Composition 3 Cr Hrs**

This course is a study and practice of the basic concepts of composition, including paragraph and essay construction. It introduces students to the composition process: prewriting, writing, and revising. The course also emphasizes grammar, sentence mechanics, editing, and critical thinking skills. Prerequisite: ENGL 015 or equivalent placement test score and a departmental writing sample.

**ENGL 100 English Composition Plus 2 Cr Hrs**

English 100 is a writing course that provides additional instruction and support for ENGL 101 in the form of hands-on work and additional reading and writing assignments with a focus on developing writing strategies, critical reading skills, and study skills. Placement in this course is based on COMPASS Writing Skills scores. Students who place into a higher English course may still elect to take this course. Prerequisite: Satisfactory placement score or prior completion of ENGL 015 or ENGL 020. Corequisite: ENGL 101.

**ENGL 101 English Composition 1 3 Cr Hrs**

English 101 emphasizes the process and strategies of writing academic essays with critical attention to purpose and audience; focus and development to support a thesis; and organization and coherency. Students write analytical essays based on readings, observations, and ideas; develop various strategies to respond to different rhetorical situations; and edit for style, voice, and conventions of standard usage. This course introduces MLA format. Prerequisite: Satisfactory placement score or prior completion of ENGL 015, ENGL 020, ENGL 090. Corequisite: ENGL 100 if required by placement score.

**ENGL 102 English Composition 2 3 Cr Hrs**

English 102 furthers the composition skills developed in English 101, focusing on critical reading, writing, and research. Students will write expository and persuasive essays, using literary and/or interdisciplinary materials. This course also requires a researched essay. Prerequisite: ENGL 101 or equivalent placement test score.

**ENGL 105 English Composition 1 Cr Hrs**

This course is designed for students who have taken freshman composition on the quarter system. In order to make up one credit needed for transfer, students will write a research paper to demonstrate 101 exit proficiency in writing an extended argument with correct documentation.

**ENGL 126 Film & Literature 3 Cr Hrs**

This course is a comparative study of techniques that written fiction and film use to present literary elements. Students study fiction selected from world literature and various time periods, and they watch American and foreign films. Students base their interpretations on both films and written texts. Evaluation and grading is primarily based on writing comparative and critical analysis. Prerequisite: ENGL 101 and ENGL 102.

**ENGL 175 Introduction to Literature 3 Cr Hrs**

This course introduces literary genres (novel, short story, drama, poetry) and provides the general student with the terminology and standard techniques of literary analysis and explication. Prerequisite: ENGL 101 or equivalent placement test score.

**ENGL 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional

development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**ENGL 200 English Independent Study 1-3 Cr Hrs**

This is a semester-long project. Each credit hour is equivalent to 45 hours of work on a project. Students should make arrangements with the instructor in their field of interest. The request form for this project must be completed and filed in the Admissions and Records Office. Prerequisite: Instructor's permission.

**ENGL 201 Intermediate Expository Composition 3 Cr Hrs**

This composition course develops writing skills beyond the freshman composition level. Emphasis is placed on developing the student's writing style and form and employing the techniques of research writing. Prerequisite: ENGL 101 and ENGL 102.

**ENGL 202 Technical Communication 3 Cr Hrs**

This course is an overview and practice of the principles and applications of technical communication for those students who expect to write on the job. Assignments are related to each student's background and field of interest. Topics include letters, instructions, reports, and technical presentations, as well as audience analysis, the writing process, graphics, document design, and the ethics of technical communication. This course is especially appropriate for science, engineering, business, and pre-professional majors. Prerequisite: ENGL 101 and computer proficiency.

**ENGL 204 Introduction to Poetry 3 Cr Hrs**

This course concentrates on reading, analysis, and discussion of traditional and contemporary poems. Students examine various elements of poetry, such as form, speaker, rhythm, rhyme, imagery, and figures of speech. Prerequisite: ENGL 101 and 102.

**ENGL 210 Science Literature & Environment 3 Cr Hrs**

This course surveys regional environmental issues; introduces students to the concepts of environmental science; investigates the human relationship to nature through environmental literature; and explores how both scientific and imaginative thinking can clarify what is at stake in regional environmental issues. In Addition to class time, four required field trips are day trips around southern Idaho and northern Utah. The final field study is a 3 day trip to study the greater Yellowstone ecosystem and the reintroduction of the wolf and grizzly. Prerequisite: ENGL 101 plus BIOL 100, or BIOL 120, or BIOL 201 or instructor permission.

**ENGL 211 Intro to Literary Analysis 3 Cr Hrs**

This course is a broad survey of literary theory from the classical to the present with emphasis on critical approaches and methods. This course will address basic literary concepts and examine various types of critical analysis based on the close study of selected literature in the forms of poems, plays, short stories, and novels. Prerequisite: ENGL 101 and 102.

**ENGL 215 Survey of World Mythology 3 Cr Hrs**

This course is a broad survey of mythologies from Western and Eastern world cultures. Students will analyze, discuss, and write about world mythologies and their relationship to contemporary culture. Prerequisite: ENGL 101 and 102.

**ENGL 235 Introduction to Shakespeare 3 Cr Hrs**

The goal of this course is the interpretation and appreciation of Shakespearean comedies, tragedies and histories with attention to Elizabethan life and thought. Prerequisite: ENGL 101 and ENGL 102.

**ENGL 257 Survey of Western World Literature 1 3 Cr Hrs**

This course is a study of literary masterworks of the Western World, from the ancient world through the 17th Century. Students will analyze literary works through discussion and writing. Prerequisite: ENGL 101 and 102.



**ENGL 258 Survey of Western World Literature 2** 3 Cr Hrs  
This course is a study of literary masterworks of the Western World, from the 17th Century to the present. Students will analyze literary works through discussion and writing. Prerequisite: ENGL 101 and 102.

**ENGL 267 Survey of English Literature 1** 3 Cr Hrs  
This course is a study of English literature from the Old English Period through neoclassicism. Students will analyze literary works through discussion and writing. Prerequisite: ENGL 101 and ENGL 102.

**ENGL 268 Survey of English Literature 2** 3 Cr Hrs  
This course is a study of English literature from the Romantic Period to the present. Students will analyze literary works through discussion and writing. Prerequisite: ENGL 101 and 102.

**ENGL 277 Survey of American Literature 1** 3 Cr Hrs  
In this course students will analyze, discuss, and write about American literature from the Colonial Period to the Civil War. Prerequisite: ENGL 101 and 102.

**ENGL 278 Survey of American Literature 2** 3 Cr Hrs  
In this course students will analyze, discuss, and write about American literature from the Civil War to the present. Prerequisite: ENGL 101 and 102.

**ENGL 291 Creative Writing Poetry** 3 Cr Hrs  
The goal of this course is to study the devices and techniques used in poems and to write poetry.

**ENGL 292 Creative Writing Fiction** 3 Cr Hrs  
The goal of this course is to study the devices and techniques used in fiction and to write short stories.

**ENGL 293 Creative Writing Nonfiction** 3 Cr Hrs  
The goal of this course is to study the devices and techniques used in contemporary professional writing such as memoirs and essays and to write creative non-fiction.

## FRENCH

**FREN 101 Elementary French 1** 4 Cr Hrs  
This course is an introduction to French, emphasizing oral communication, listening, and writing skills. Students learn basic structures in a structured environment; they practice idioms and situational vocabulary used in conversations. The course is also an introduction to French culture.

**FREN 102 Elementary French 2** 4 Cr Hrs  
This course continues its emphasis on oral, listening, and writing skills in order to complete acquisition of basic structures of the language. In addition, students study idioms and vocabulary used in ordinary situations. This course continues its introduction to French culture, especially as culture is reflected in language choice. Prerequisite: French 101 or instructor permission.

**FREN 199 Special Topics** 1-5 Cr Hrs  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**FREN 200 French Independent Study** 1-3 Cr Hrs  
This is a semester-long project. Each credit hour is equivalent to 45 hours of work on a project. Students should make arrangements with the instructor in their field of interest. The request form for this project must be filled out and filed in the Records Office.

**FREN 265 Culinary International Experience** 1 Cr Hrs  
This interdisciplinary course is designed to provide a unique learning opportunity in an international setting. Location will be variable and will involve study of the location's language and culture and cuisine. Hands-on culinary arts experiences are integrated within the itinerary. Culinary club obligation may apply. Additional course fees required: \$250.00 initial payment. Full cost to be determined--approximately \$2500.00. Pre-requisite: Permission of instructor.

## HUMANITIES

**HUMA 101 Introduction to Humanities 1** 3 Cr Hrs  
This course is an inquiry into the disciplines of the humanities with emphasis on artistic achievements from the beginnings of civilization to the Renaissance. Arranged thematically rather than chronologically, the class takes a broad look at the humanities through the arts.

**HUMA 102 Introduction to Humanities 2** 3 Cr Hrs  
This course is an inquiry into disciplines of the humanities with emphasis on artistic works from the Renaissance to modern times. It involves the extended study of disciplines covered in HUMA 101, as well as cinema and photography; however, students do not need to take HUMA 101 before taking HUMA 102. Arranged thematically rather than chronologically, the class takes a broad look at humanities through the arts.

**HUMA 199 Special Topics** 1-5 Cr Hrs  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

## JAPANESE

**JAPN 101 Elementary Japanese 1** 4 Cr Hrs  
This course provides speaking, listening, pronunciation, grammar, vocabulary, reading, and character writing (basic kanji, hiragana and katakana) in Japanese with emphasis placed primarily on developing basic speaking and listening skills. Central to the course is the study of Japanese culture.

**JAPN 102 Elementary Japanese 2** 4 Cr Hrs  
This course is a continuation of Japanese 101 with further study in speaking, listening, pronunciation, grammar, vocabulary, reading, and character writing (basic kanji, hiragana and katakana) in Japanese with emphasis is placed primarily on developing basic speaking and listening skills preparatory to intermediate Japanese studies. Central to the course is the study of Japanese culture. Prerequisite: Japanese 101 or permission of instructor.

**JAPN 199 Special Topics** 1-5 Cr Hrs  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**JAPN 200 Japanese Independent Study** 1-3 Cr Hrs  
This is a semester-long project. Each credit hour is equivalent to 45 hours of work on a project. Students should make arrangements with the instructor in their field of interest. The request form for this project must be filled out and filed in the Records Office.

## PHILOSOPHY

**PHIL 101 Introduction to Philosophy 3 Cr Hrs**

The course begins with an attempt to understand the purpose of philosophy as suggested by the life and death of Socrates. Following this are topics in human nature, ethics, and existentialism.

**PHIL 111 Survey of World Religions 3 Cr Hrs**

This course is a survey of major world religions including Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, and Islam. Special attention is given to similarities and differences in their conceptions of man and his relation to the natural world and to the divine.

**PHIL 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**PHIL 201 Logic & Language 3 Cr Hrs**

This course is an introduction to informal logic, which includes study of the uses of language; identification and criticism of arguments; and analysis of fallacies, sophistries, and analogies.

**PHIL 202 Ethics 3 Cr Hrs**

Ethics is an examination of moral problems and study of the concepts, principles, and theories used to clarify them. This course will include readings in both classical and modern ethical theory, with emphasis on personal and contemporary applications.

## PORTUGUESE

**PORT 101 Elementary Portuguese 1 4 Cr Hrs**

This course is an introduction to the Portuguese language with emphasis on oral communication, listening, reading and writing skills. Also central to the course is the use of popular music and other media to examine the language through the lens of contemporary Luso-Brazilian culture.

**PORT 102 Elementary Portuguese 2 4 Cr Hrs**

This course is a continuation of Portuguese 101 with increased emphasis on building both oral and written proficiency in the Portuguese language, as well as continued emphasis on listening, reading and writing skills. Also central to the course is the use of popular music and other media to examine the language through the lens of contemporary Luso-Brazilian culture. Prerequisite: PORT 101 or permission of instructor.

**PORT 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

## SPANISH

**SPAN 101 Elementary Spanish 1 4 Cr Hrs**

The focus in class is on using Spanish to exchange real-life information and ideas, and on the functional grammar and vocabulary to accomplish this. The class will realize this focus through the four traditional skills: listening, speaking, reading, and writing. It will also include an introduction to Hispanic culture. Beginners and students with fewer than two years of high school Spanish should register for this course.

**SPAN 102 Elementary Spanish 2 4 Cr Hrs**

This course is a continuation of SPAN 101, with increasing emphasis on students' ability to use the language in practical situations. Prerequisite: SPAN 101, two years of high school Spanish, or permission of the instructor.

**SPAN 103 Spanish 101 Practice class 1 Cr Hrs**

This course is for students who wish to enhance oral fluency. It is not a help class. Students can expect to spend one day a week in class practicing speaking Spanish with a partner. Topics will correlate with the Spanish 101-102 text book. P/F based on attendance, not performance. May be repeated once for 2 accumulated credit hours.

**SPAN 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**SPAN 200 Spanish Independent Study 1-3 Cr Hrs**

This is a semester-long project. Each credit hour is equivalent to 45 hours of work on a project. Students should make arrangements with the instructor in their field of interest. The request form for this project must be filled out and filed in the Records Office.

**SPAN 201 Intermediate Spanish 1 4 Cr Hrs**

This course is an expanded reinforcement of the first two terms, concentrating on developing greater oral proficiency and reading skills, with some composition. Students will have the opportunity to increase Spanish proficiency in real-world terms. Prerequisite: SPAN 102 or three years of high school Spanish or permission of instructor.

**SPAN 202 Intermediate Spanish 2 4 Cr Hrs**

This course is the culminating course in the Spanish sequence. Students are expected to be able to use increasingly complex levels of Spanish. This course will include substantive reading, discussion, composition, and grammar, with many opportunities to practice the subjunctive mood. Prerequisite: SPAN 201 or permission of the instructor.

**SPAN 203 Spanish for Spanish Speakers 4 Cr Hrs**

This course is for native and other accomplished Spanish speakers who have had little formal training. Advanced vocabulary and standard Spanish usage will be emphasized. The course is designed to add depth and richness to the language skills of the Spanish speaker and deeper awareness of Latino cultures. Does not take the place of Spanish 201, but may replace 202.

**SPAN 205 Language and Culture 2-4 Cr Hrs**

This course will provide knowledge of the relationship that exists between the language and its sociocultural context: it will focus on the interaction between the language and the culture. Practices, art, behaviors and cultural perspectives will be defined. Students will complete a variety of activities that integrate cultural and social issues and understanding with the learning of Spanish. This course will be taught in Guanajuato, Mexico. Prerequisite: Span 101 and 102 (or evaluation of language proficiency by instructor.)

**SPAN P110 Beginning Spanish 2 Cr Hrs**

This course includes pronunciation, vocabulary study, reading, exercise in spoken Spanish, and functional grammar. This is an introductory course in the professional studies Spanish sequence.

**SPAN P112 Spanish Lang Culture for Teachers 1 2 Cr Hrs**

This course includes pronunciation, vocabulary study, reading, exercise in spoken Spanish, and functional grammar. It is designed to provide basic proficiency in Spanish communications for teachers.

# VISUAL, PERFORMING AND LIBERAL ARTS DEPARTMENT

## PROGRAMS OF STUDY

### ART - VISUAL

Contact: Bill West Jr, (208) 732-6753  
bwest@csi.edu

The Visual Art program is designed to result in an Associate of Arts degree, and meets the general education requirements for students who choose to transfer to any Idaho public university. In order to ensure transferability of coursework, students should coordinate course selection with the requirements of the institution to which they intend to transfer.

Completion of the Visual Art program gives students the theoretical and practical foundation necessary to move into the final two years of a Bachelor of Arts or Bachelor of Fine Arts degree in many areas of Visual Arts, including painting, drawing, design, ceramics, photography, printmaking, and sculpture. Visual Art majors often seek employment in art education, museum exhibition, photography, design, and art restoration, in addition to working as studio artists and using their knowledge and skills for personal enrichment.

#### Program Application Required: No

**Sample Career Opportunities:** Craft Artists; Fine Artists, Including Painters, Sculptors, and Illustrators; Photographers

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 1403R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
ARTS 101	Art History 1	3
ARTS 105	Design 1	3
ARTS 109	Drawing 1	3
ARTS 251	Darkroom Photography I	3
<b>Total</b>		<b>17-18</b>

#### Spring Semester Freshman Year

ENGL 102	English Composition 2*	3
ARTS 102	Art History 2	3
ARTS 106	Design 2	3
ARTS 215	Painting 1	3
SCIG GE	Any Gen. Ed. Science Course	4
<b>Total</b>		<b>16</b>

#### Fall Semester Sophomore Year

MATH GE	Any Gen. Ed. Math Course	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
SOCS GE	Any Gen. Ed Soc. Science Course	3
Prog Elec	Program Elective 2D	3
Prog Elec	Program Elective 3D	3
<b>Total</b>		<b>16</b>

#### Spring Semester Sophomore Year

COMM 101	Fundamentals of Oral Communication	3
ARTS 280	Art Portfolio	1
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
Prog Elec	Program Elective 2D	6
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 disciplines.</i>		
ELEC GE	General Education Elective	1
<b>Total</b>		<b>17</b>

#### Program Elective 2D:

ARTS 209	Printmaking	3
ARTS 212	Drawing 2	3
ARTS 252	Darkroom Photography 2	3
ARTS 253	Digital Photography	3
ARTS 260	Figure Drawing	3
ARTS 275	Painting 2*	3

#### Program Elective 3D:

ARTS 225	Ceramics 1	3
ARTS 226	Ceramics 2	3
ARTS 231	Sculpture 1	3

**Total Credit Hours Required for this Major: 66-67**

*\*Prerequisite or corequisite required.*



## DANCE

**Contact:** Cindy Jones, (208) 732-6474  
cynthiajones@csi.edu

The Dance program is a transfer program designed to result in an Associate of Arts degree, and meets the general education requirements of all Idaho public universities. In order to ensure transferability of coursework, students should coordinate course selection with the requirements of the institution to which they intend to transfer.

The Dance program provides a course of study which helps students understand the major principles, practices, and skills associated with the art of dance. In order to provide the opportunity for students to use that understanding to develop and improve their knowledge and skills the coursework is integrated with the production work to provide a better understanding of the many facets of dance. In addition to the focus on the Associate of Arts degree the Dance program also provides its courses for the training of those who may be interested in working in the local dance community or for personal enrichment and practice.

**Program Application Required: No**

**Sample Career Opportunities:** Dancers; Choreographers

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 1440R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
COMM 101	Fundamentals of Oral Communication	3
DANC 110	Ballet 1	1
DANC 120	Jazz Dance 1	1
DANC 101	Dance Appreciation	3
THEA 130	Stagecraft	3
<b>Total</b>		<b>17</b>

### Spring Semester Freshman Year

ENGL 102	English Composition 2*	3
BIOL 201	Biology 1	4
HLTH 155	Health & Wellness	3
DANC 210	Ballet 2*	2
DANC 220	Jazz Dance 2*	2
<b>Total</b>		<b>14</b>

### Fall Semester Sophomore Year

BIOL 227	Human Anatomy & Physiology*	4
DANC 130	Modern Dance 1	1
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SOCS GE	Any Gen. Ed. Soc. Science Course	3
ELEC GE	General Education Elective	4
<b>Total</b>		<b>15</b>

### Spring Semester Sophomore Year

DANC 230	Modern Dance 2*	2
DANC 250	Choreographic Composition*	2
DANC 280	Dance Portfolio*	1
THEA 232	Stage Lighting	3
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines</i>		
ELEC ANY	Electives: Bring Total to 60 Credits	3
<b>Total</b>		<b>14</b>

**Total Credit Hours Required for this Major: 60**

*\*Prerequisite or corequisite required.*

## LIBERAL ARTS

**Contact:** Advising Center, (208) 732-6250  
advising@csi.edu

The Liberal Arts program is designed to allow students to create their own specialized pathway to their Associate's Degree. In addition to completing CSI's general education and health requirements, a student must also complete twenty six credits in content areas of their choice. This freedom allows one to design a degree to work specifically towards an intended vocation or to meet very specific requirements of various transfer institutions. The Liberal Arts program is not intended for students who are undecided or undeclared regarding a major, but rather to provide an opportunity for students to customize the educational program to suit their individual needs.

**Program Application Required: No**

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 1002R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
ELEC ANY	College Level Elective Courses	6
<b>Total</b>		<b>15</b>

### Spring Semester Freshman Year

ENGL 102	English Composition 2*	3
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines</i>		
HUMA GE	Any Gen. Ed. Humanities Course	3
ELEC ANY	College Level Elective Courses	6
<b>Total</b>		<b>15</b>

### Fall Semester Sophomore Year

COMM 101	Fundamentals of Oral Communication	3
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines</i>		
SCIG GE	Any Gen. Ed. Science Course	4
ELEC ANY	College Level Elective Courses	6
<b>Total</b>		<b>16</b>

### Spring Semester Sophomore Year

SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
ELEC GE	Any additional Gen. Ed. credits	4
ELEC ANY	College Level Elective Courses	3-4
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
<b>Total</b>		<b>14</b>

**Total Credit Hours Required for this Major: 60**

*\*Prerequisite or corequisite required.*

*\*\*No more than 20 college-level elective credits may come from one discipline area.*



# MUSIC

The Music program is a transfer program designed to result in an Associate of Arts degree, and meets the general education requirements of all Idaho public universities. In order to ensure transferability of coursework, students should coordinate course selection with the requirements of the institution to which they intend to transfer.

The Music program at CSI provides students with the knowledge and skills necessary to successfully move into the final two years of a Bachelor's degree program in music. Students completing a Bachelor's degree often enter the following professions: Music Performance, Music Education, Music Therapy and/or Music Business. In addition, students completing an Associate of Arts degree often work as studio teachers.

**Piano Proficiency Requirement:** Students must also pass a piano proficiency requirement in order to graduate. This requirement can be met via a C or better in MUSI 155 or 156 or passing the department piano proficiency exam.

**Concentration Courses/Ensemble requirement:** All music majors are required to select an area of concentration. Each concentration requires a minimum of 6 credits in large ensembles and a minimum of 4-6 credits of MUSA Lessons for music majors prior to graduation. Large ensembles are identified as MUSI 120, MUSI 121, MUSI 130, and MUSI 133. Please see concentration for specific requirements.

**Program Application Required:** No

**Sample Career Opportunities:** Musicians and Singers

*\*Talk to an advisor for additional career choices*

## Concentration: Vocal

Associate of Arts

Major Code: 1431R

**Contact:** Serena Jenkins Clark, (208) 732-6768  
sjenkinsclark@csi.edu

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
MUSI 101	Theory of Music 1*	3
MUSI 111	Aural Skills 1*	1
MUSI 130	Chamber Choir	1
MUSA 102	Voice Lesson 1 for Voice Majors	2
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
or MUSI 133	Percussion Ensemble **	
<b>Total</b>		<b>17</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
MATH GE	Any Gen. Ed. Math Course	3
MUSI 100	Music Appreciation	3
MUSI 102	Theory of Music 2*	3
MUSA 102	Voice Lesson 1 for Voice Majors	2
MUSI 130	Chamber Choir	1
MUSI 112	Aural Skills 2*	1
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
or MUSI 133	Percussion Ensemble **	
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
MUSI 108	Survey of Jazz and Pop Music	3
MUSI 130	Chamber Choir	1
MUSI 201	Theory of Music 3*	3
MUSI 211	Aural Skills 3*	1
MUSA 202	Voice Lesson 2 for Voice Majors	2
SCIG GE	Any Gen. Ed. Science Course	4
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>17</b>
<b>Spring Semester Sophomore Year</b>		
MUSI 130	Chamber Choir	1
MUSI 202	Theory of Music 4*	3
MUSI 212	Aural Skills 4*	1
MUSI 243	Music Portfolio and Final Recital*	2
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 disciplines.</i>		
ELEC GE	General Education Elective	1
<b>Total</b>		<b>17-18</b>
<b>Total Credit Hours Required for this Major:</b>		<b>68-69</b>

*\*Prerequisite or corequisite required.*

*\*\*The same ensemble may be used multiple times*

**Concentration: Brass**Associate of Arts  
Major Code: 1431RContact: George Halsell, (208) 732-6767  
ghalsell@csi.edu*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
MUSI 101	Theory of Music 1*	3
MUSI 111	Aural Skills 1*	1
MUSI 130	Chamber Choir	1
MUSA 142	Brass Lesson 1 for Brass Majors	2
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
<b>Total</b>		<b>17</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
MATH GE	Any Gen. Ed. Math Course	3
MUSI 100	Music Appreciation	3
MUSI 102	Theory of Music 2*	3
MUSA 142	Brass Lesson 1 for Brass Majors	2
MUSI 130	Chamber Choir	1
MUSI 112	Aural Skills 2*	1
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
<b>Total</b>		<b>17</b>

**Fall Semester Sophomore Year**

MUSI 108	Survey of Jazz and Pop Music	3
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
MUSI 201	Theory of Music 3*	3
MUSI 211	Aural Skills 3*	1
MUSA 242	Brass Lesson 2 for Brass Majors	2
SCIG GE	Any Gen. Ed. Science Course	4
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>17</b>

**Spring Semester Sophomore Year**

MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
MUSI 202	Theory of Music 4*	3
MUSI 212	Aural Skills 4*	1
MUSI 243	Music Portfolio and Final Recital*	2
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 disciplines.</i>		
ELEC GE	General Education Elective	1
<b>Total</b>		<b>17-18</b>

**Total Credit Hours Required for this Major: 68-69***\*Prerequisite or corequisite required.**\*\*The same ensemble may be used multiple times***Concentration: String**Associate of Arts  
Major Code: 1431RContact: Sue Miller, (208) 732-6769  
smiller@csi.edu*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
MUSI 101	Theory of Music 1*	3
MUSI 111	Aural Skills 1*	1
MUSI 130	Chamber Choir	1
MUSA 132	String Lesson 1 for String Majors	2
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
<b>Total</b>		<b>17</b>

**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
MATH GE	Any Gen. Ed. Math Course	3
MUSI 100	Music Appreciation	3
MUSI 102	Theory of Music 2*	3
MUSA 132	String Lesson 1 for String Majors	2
MUSI 130	Chamber Choir	1
MUSI 112	Aural Skills 2*	1
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
<b>Total</b>		<b>17</b>

**Fall Semester Sophomore Year**

MUSI 108	Survey of Jazz and Pop Music	3
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
MUSI 201	Theory of Music 3*	3
MUSI 211	Aural Skills 3*	1
MUSA 232	String Lesson 2 for String Majors	2
SCIG GE	Any Gen. Ed. Science Course	4
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>17</b>

**Spring Semester Sophomore Year**

MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
MUSI 202	Theory of Music 4*	3
MUSI 212	Aural Skills 4*	1
MUSI 243	Music Portfolio and Final Recital*	2
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 disciplines.</i>		
ELEC GE	General Education Elective	1
<b>Total</b>		<b>17-18</b>

**Total Credit Hours Required for this Major: 68-69***\*Prerequisite or corequisite required.**\*\*The same ensemble may be used multiple times*

**Concentration: Percussion**Associate of Arts  
Major Code: 1431RContact: Scott Farkas, (208) 732-6763  
sfarkas@csi.edu*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
MUSI 101	Theory of Music 1*	3
MUSI 111	Aural Skills 1*	1
MUSI 130	Chamber Choir	1
MUSA 162	Percussion Lesson 1 for Percussion Majors	2
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	

**Total** 17**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
MATH GE	Any Gen. Ed. Math Course	3
MUSI 100	Music Appreciation	3
MUSI 102	Theory of Music 2*	3
MUSA 162	Percussion Lesson 1 for Percussion Majors	2
MUSI 130	Chamber Choir	1
MUSI 112	Aural Skills 2*	1
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	

**Total** 17**Fall Semester Sophomore Year**

MUSI 108	Survey of Jazz and Pop Music	3
MUSI 120	Symphonic Band	1
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
MUSI 201	Theory of Music 3*	3
MUSI 211	Aural Skills 3*	1
MUSA 262	Percussion Lesson 2 for Percussion Majors	2
SCIG GE	Any Gen. Ed. Science Course	4
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3

*Social Science courses must be from 2 different disciplines.***Total** 17**Spring Semester Sophomore Year**

MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
MUSI 202	Theory of Music 4*	3
MUSI 212	Aural Skills 4*	1
MUSI 243	Music Portfolio and Final Recital*	2
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
SCIG GE2	Any 2nd Gen. Ed. Science Course	4

*Science courses must be from 2 different disciplines.*

HUMA GE2 Any 2nd Gen. Ed. Humanities Course 3

*Humanities courses must be from 2 disciplines.*

ELEC GE General Education Elective 1

**Total** 17-18**Total Credit Hours Required for this Major:** 68-69*\*Prerequisite or corequisite required.**\*\*The same ensemble may be used multiple times***Concentration: Woodwind**Associate of Arts  
Major Code: 1431RContact: Brent Jensen, (208) 732-6765  
bjensen@csi.edu*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
MUSI 101	Theory of Music 1*	3
MUSI 111	Aural Skills 1*	1
MUSI 130	Chamber Choir	1
MUSA 152	Woodwind Lesson 1 for Woodwind Majors	2
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	

**Total** 17**Spring Semester Freshman Year**

ENGL 102	English Composition 2*	3
MATH GE	Any Gen. Ed. Math Course	3
MUSI 100	Music Appreciation	3
MUSI 102	Theory of Music 2*	3
MUSA 152	Woodwind Lesson 1 for Woodwind Majors	2
MUSI 130	Chamber Choir	1
MUSI 112	Aural Skills 2*	1
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	

**Total** 17**Fall Semester Sophomore Year**

MUSI 108	Survey of Jazz and Pop Music	3
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
MUSI 201	Theory of Music 3*	3
MUSI 211	Aural Skills 3*	1
MUSA 252	Woodwind Lesson 2 for Woodwind Majors	2
SCIG GE	Any Gen. Ed. Science Course	4
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3

*Social Science courses must be from 2 different disciplines.***Total** 17**Spring Semester Sophomore Year**

MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
MUSI 202	Theory of Music 4*	3
MUSI 212	Aural Skills 4*	1
MUSI 243	Music Portfolio and Final Recital*	2
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
SCIG GE2	Any 2nd Gen. Ed. Science Course	4

*Science courses must be from 2 different disciplines.*

HUMA GE2 Any 2nd Gen. Ed. Humanities Course 3

*Humanities courses must be from 2 disciplines.*

ELEC GE General Education Elective 1

**Total** 17-18**Total Credit Hours Required for this Major:** 68-69*\*Prerequisite or corequisite required.**\*\*The same ensemble may be used multiple times*

**Concentration: Classical Guitar**Associate of Arts  
Major Code: 1431RContact: Brent Jensen, (208) 732-6765  
bjensen@csi.edu*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
MUSI 101	Theory of Music 1*	3
MUSI 111	Aural Skills 1*	1
MUSI 130	Chamber Choir	1
MUSA 122	Classical Guitar Lesson 1 for Majors	2
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
or MUSI 133	Percussion Ensemble**	
<b>Total</b>		<b>17</b>

<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
MATH GE	Any Gen. Ed. Math Course	3
MUSI 100	Music Appreciation	3
MUSI 102	Theory of Music 2*	3
MUSA 122	Classical Guitar Lesson 1 for Majors	2
MUSI 130	Chamber Choir	1
MUSI 112	Aural Skills 2*	1
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
or MUSI 133	Percussion Ensemble**	
<b>Total</b>		<b>17</b>

<b>Fall Semester Sophomore Year</b>		
MUSI 108	Survey of Jazz and Pop Music	3
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
or MUSI 133	Percussion Ensemble**	
MUSI 201	Theory of Music 3*	3
MUSI 211	Aural Skills 3*	1
MUSA 222	Classical Guitar Lesson 2 for Majors	2
SCIG GE	Any Gen. Ed. Science Course	4
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<b>Total</b>		<b>17</b>

*Social Science courses must be from 2 different disciplines.*

<b>Spring Semester Sophomore Year</b>		
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
or MUSI 133	Percussion Ensemble**	
MUSI 202	Theory of Music 4*	3
MUSI 212	Aural Skills 4*	1
MUSI 243	Music Portfolio and Final Recital*	2
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 disciplines.</i>		
ELEC GE	General Education Elective	1
<b>Total</b>		<b>17-18</b>

**Total Credit Hours Required for this Major: 68-69***\*Prerequisite or corequisite required.**\*\*The same ensemble may be used multiple times***Concentration: Keyboard**Associate of Arts  
Major Code: 1431RContact: Sue Miller, (208) 732-6769  
smiller@csi.edu*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
MUSI 101	Theory of Music 1*	3
MUSI 111	Aural Skills 1*	1
MUSI 130	Chamber Choir	1
MUSA 112	Piano Lesson 1 for Piano majors	2
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
or MUSI 133	Percussion Ensemble **	
<b>Total</b>		<b>17</b>

<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
MATH GE	Any Gen. Ed. Math Course	3
MUSI 100	Music Appreciation	3
MUSI 102	Theory of Music 2*	3
MUSA 112	Piano Lesson 1 for Piano majors	2
MUSI 130	Chamber Choir	1
MUSI 112	Aural Skills 2*	1
MUSI 120	Symphonic Band **	1
or MUSI 121	Symphony Orchestra **	
or MUSI 133	Percussion Ensemble **	
<b>Total</b>		<b>17</b>

<b>Fall Semester Sophomore Year</b>		
MUSI 108	Survey of Jazz and Pop Music	3
MUSI 120	Symphonic Band	1
or MUSI 121	Symphony Orchestra **	
or MUSI 130	Chamber Choir **	
or MUSI 133	Percussion Ensemble **	
MUSI 201	Theory of Music 3*	3
MUSI 211	Aural Skills 3*	1
MUSA 212	Piano Lesson 2 for Piano Majors	2
SCIG GE	Any Gen. Ed. Science Course	4
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<b>Total</b>		<b>17</b>

*Social Science courses must be from 2 different disciplines.*

<b>Spring Semester Sophomore Year</b>		
MUSI 120	Symphonic Band	1
or MUSI 121	Symphony Orchestra **	
or MUSI 130	Chamber Choir **	
or MUSI 133	Percussion Ensemble **	
MUSI 202	Theory of Music 4*	3
MUSI 212	Aural Skills 4*	1
MUSI 243	Music Portfolio and Final Recital*	2
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 disciplines.</i>		
ELEC GE	General Education Elective	1
<b>Total</b>		<b>17-18</b>

**Total Credit Hours Required for this Major: 68-69***\*Prerequisite or corequisite required.**\*\*The same ensemble may be used multiple times*



## THEATRE

Contact: Laine Steel, (208) 732-6780  
lsteel@csi.edu

The Theatre program is a transfer program designed to result in an Associate of Arts degree, and meets the general education requirements of all Idaho public universities. In order to ensure transferability of coursework, students should coordinate course selection with the requirements of the institution to which they intend to transfer.

The Theatre program at CSI provides a course of study which helps students understand the major principles, practices, and skills associated with the art of theatre. In order to provide the opportunity for students to develop and improve their knowledge and skills, the coursework is integrated with the production work to provide a better understanding of the many facets of the theatre. The Theatre program also provides its courses for the training of those who may be interested in working in community theatre or for personal enrichment and practice.

**Program Application Required: No**

**Sample Career Opportunities:** Actors; Producers and Directors;

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 1421R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
THEA 111	Fundamentals of Acting	3
THEA 130	Stagecraft	3
THEA 151	Play Production**	1
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
THEA 112	Intermediate Acting*	3
THEA 151	Play Production**	1
THEA 232	Stage Lighting	3
SCIG GE	Any Gen. Ed. Science Course	4
<b>Total</b>		<b>16-17</b>
<b>Fall Semester Sophomore Year</b>		
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
SOCS GE	Any Gen. Ed Soc. Science Course	3
THEA 151	Play Production**	2
THEA 211	Voice for Theatre	2
THEA 240	Stage Makeup	2
THEA 201	Theatre History 1	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Sophomore Year</b>		
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 disciplines.</i>		
ELEC GE	General Education Elective	1
THEA 151	Play Production**	2
THEA 202	Theatre History 2	3
THEA 250	Classroom Drama	3
THEA 280	Theatre Portfolio	1
<b>Total</b>		<b>16</b>
<b>Total Credit Hours Required for this Major:</b>		<b>64-65</b>

*\*Prerequisite or corequisite required. \*\*Must accumulate 6 credits.*

## COURSE DESCRIPTIONS

### ART

- ARTS 101 Art History 1 3 Cr Hrs**  
This course presents a survey of the history of art from prehistoric times through the Gothic period in Europe. Slide lectures, gallery visits and discussions will be employed so that the visual literacy of students will be enhanced.
- ARTS 102 Art History 2 3 Cr Hrs**  
This course presents a survey of the history of art from the Renaissance in Europe through the present. Slide lectures, gallery visits, and discussions will be employed so that the visual literacy of the students will be enhanced. Students do not need to complete ARTS 101 before enrolling in ARTS 102.
- ARTS 103 Photography Appreciation 3 Cr Hrs**  
This course is an introduction to the art and expression of photography through lecture, photography assignments, discussion, and critique. Students will complete photo assignments tied to major themes of the course using simple cameras, digital software and/or commercially-processed film. Emphasis will be placed on a wide range of genres, visual literacy and important photographers and their work from 1839 to the present. The course follows a step-by-step progression beginning with larger theoretical concerns about the nature of photographs and how to read them and progresses from a discussion of specific genres, eras, and styles to material about specific photographers, their work and contributions to the world of images and visual arts.
- ARTS 105 Design 1 3 Cr Hrs**  
This course begins the basic exploration of how choices are made in the construction of visual communications. The elements of art are discussed and then applied to principles of design to solve problems in two-dimensional media.
- ARTS 106 Design 2 3 Cr Hrs**  
Elements of design are applied in this course to a series of problems which students resolve in three-dimensional media. Clay, plaster, wood, paper and metals may be employed in the sculptural processes that include addition and subtraction of material and the making of molds. This course should be completed before students enroll in the sculpture sequence.
- ARTS 109 Drawing 1 3 Cr Hrs**  
This course explores basic drawing skills. Throughout the course a broad range of drawing materials and techniques will be introduced. Students will explore creative intent and participate in regular critiques.
- ARTS 150 Beginning Digital Photography 3 Cr Hrs**  
This course provides a foundation in creative digital photography for entry-level students and for amateur photographers seeking to improve their knowledge and skills. The topics covered in this course include understanding the camera and its functions, basic visual literacy, a basic introduction to image manipulation using computer software, and the printing of digital photographs. This course is designed for non-photography majors and does not meet the 2D elective requirement in the Visual Art Associate of Arts Degree.
- ARTS 154 Intro to Architectural Graphics 2 Cr Hrs**  
This course is an introduction to the process of graphic communication. Studio projects, lectures, and readings will be used to explore architectural graphics.
- ARTS 199 Special Topics 1-5 Cr Hrs**  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional

development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**ARTS 201 Studio Drawing 2 Cr Hrs**

This course presents the opportunity for experienced drawing students to pursue work in specialized drawing problems. Students will suggest topics, processes and scope for the work to be done, in order to enhance their creative abilities. Students may accumulate a maximum of 6 credit hours in this area. Prerequisite: Permission of the instructor.

**ARTS 202 Studio Painting 2 Cr Hrs**

This course is designed for students who have completed the four-course painting sequence, or for self-directed students. This course requires two hours of group critique per week. Students are required to identify and defend intention and complete a written artist statement. Students may accumulate a maximum of 6 credit hours in this area. Prerequisite: Permission of instructor.

**ARTS 203 Studio Ceramics 2 Cr Hrs**

Students who have completed a year of study in ceramics can pursue a more self-directed course of exploration by taking this course. Students may accumulate a maximum of 6 credit hours in this area. Prerequisite: Permission of instructor.

**ARTS 204 Studio Photography 2 Cr Hrs**

This course provides an independent specialization in the medium of photography. Students may accumulate a maximum of 6 credit hours in this area. Prerequisite: Permission of instructor.

**ARTS 205 Studio Sculpture 2 Cr Hrs**

Students who have completed a year of study in sculpture can pursue a more self-directed course of exploration by taking this course. Students may accumulate a maximum of 6 credit hours in this area. Prerequisite: Permission of instructor.

**ARTS 207 Studio Printmaking 2 Cr Hrs**

This course allows advanced printmaking students to experiment with projects of their own choice, which may be more complex, or larger in scale, than introductory assignments. Students may accumulate a maximum of 6 credit hours in this area. Prerequisite: Permission of instructor.

**ARTS 209 Printmaking 3 Cr Hrs**

This course introduces materials and processes used in making an edition of art prints. Woodcut, linoleum cut, serigraphy and silk screening methods will be employed. Prerequisite: Arts 109.

**ARTS 212 Drawing 2 3 Cr Hrs**

This course is a continuation of ARTS 109. Students will refine skills and further explore technical and conceptual approaches to drawing. Students will develop individual content, research artists, and participate in regular critiques. Prerequisite: ARTS 109.

**ARTS 215 Painting 1 3 Cr Hrs**

This course is an introduction oil painting techniques and fundamentals of seeing. Students will become comfortable with characteristics of painting on canvas and begin to explore color, space, volume and light. Students will be required to actively participate in regular group critiques. Prerequisite: ARTS 109.

**ARTS 225 Ceramics 1 3 Cr Hrs**

This course is an introduction to basic processes of ceramics and the operation of the CSI ceramics lab. Ceramics 1 includes hand building, throwing, and firing.

**ARTS 226 Ceramics 2 3 Cr Hrs**

This course continues student exploration of the materials and processes used in making fired clay objects. Students will use various forming and firing techniques to complete projects which might range

from functional pottery to expressive sculptural pieces. This course emphasizes instruction on the potter's wheel, although projects may be completed on other ways.

**ARTS 231 Sculpture 3 Cr Hrs**

In this course students will investigate sculptural form, matter and content by making pieces in various materials. This course sets a foundation for student understanding of artistic expression in three dimensional media. Prerequisite: ARTS 106.

**ARTS 240 Cultural Field Trip 1 Cr Hrs**

This course entails a cultural field trip to a major metropolitan area. Students study art, music, theatre, and architecture in the classroom. The course culminates with a field trip to experience art displays, musical and theatrical performances and other cultural events. This class has limited enrollment and carries an additional course fee of \$400 to cover initial travel costs. Additional fees may be collected once the course begins to cover the varying cost of tickets and accommodations. Please check with the Art Department for information on upcoming trips and additional fees that may come with the course. Only two credits of this course may be counted towards graduation.

**ARTS 251 Photography Darkroom 1 3 Cr Hrs**

This course provides a foundation in creative black-and-white film photography for students at all levels. It introduces basic seeing skills, understanding the camera and its functions, developing film, printing images in the lab, creating pictures that have the strongest visual and oral criticism. Final outcome for this course is a personal portfolio of matted black-and-white photographic prints.

**ARTS 252 Photography Darkroom 2 3 Cr Hrs**

This is an advanced creative photography course and follows ARTS 251. It includes diverse and alternative approaches to seeing, handling the camera, printing images in the lab, manipulating images post lab, print presentation and oral criticism. Final outcome of this course is personal portfolio of matted photographic prints. Prerequisite: ARTS 251

**ARTS 253 Digital Photography 3 Cr Hrs**

This course builds on a foundation in creative digital photography. It is intended for intermediate level students, photography majors, and is intended to challenge the creativity of photography enthusiasts. The topics covered in this course include understanding the camera and its more advanced functions, building visual literacy skills, basic and technical manipulation of images using computer software and various digital apparatuses, and the printing of digital photographs. Student images will be discussed during in-class critiques. While there are no prerequisites for this course, it is expected that students will enter with basic computer skills. ARTS 253 meets the requirements for a 2D elective in the Visual Art Associate of Arts degree.

**ARTS 260 Figure Drawing 3 Cr Hrs**

This course is for experienced drawing students and will explore human anatomy in a disciplined approach through direct observation of a study skeleton and live models. Students will refine their craftsmanship by producing numerous drawings of the human form. Prerequisite: ARTS 109.

**ARTS 275 Painting 2 3 Cr Hrs**

Students will explore various painting mediums and the process of seeing. Students will be encouraged to develop individual content, research artists and experiment with process. Students will be encouraged to cite intention and utilize problem-solving skills. Prerequisite: ARTS 215.

**ARTS 280 Art Portfolio 1 Cr Hrs**

This course is intended for students in their final semester of the program. This course will provide students with the opportunity to prepare a comprehensive portfolio which may help them transfer to another college or gain scholarships and exhibition opportunities. In this course, students will demonstrate command of the Art Program

Student Learning Objectives. Students will complete this project with a final presentation juried by the faculty within the program. This course is intended for students in their final semester of the program. Prerequisite: Must have completed at least 45 credit hours toward an AA degree in Visual Art, or have the permission of the department.

## DANCE

### **DANC 101 Dance Appreciation 3 Cr Hrs**

This course introduces students to the historical and contemporary cultural literacy of concert and social dance forms from the 19th to 21st centuries. We will investigate ways in which dance in Western Europe developed through cultural influences from the romantic ballet period in the 19th century to the American artistic compositions of today. Study will include concert dance forms (ballet, modern, jazz, and musical theatre) and numerous social and ballroom dances from 1800 to present day.

### **DANC 105 Social Dance 1 Cr Hrs**

This course introduces students to the beginning figures and techniques for several Standard, Latin and Social dances. Students will learn and demonstrate knowledge and technique in proper posture and dance position; awareness and use of core; clarity and use of rhythm/musicality; proper execution of footwork and transfer of weight; and an understanding of partnering skills and etiquette for the ballroom. This course may be used for partial fulfillment of the physical education activity requirement for the Associate of Arts Degree. This course may be repeated once for credit.

### **DANC 110 Ballet 1 1 Cr Hrs**

This course introduces students to beginning level ballet technique designed to develop the dancer's strength, flexibility, body alignment, vocabulary, musicality, style, and aesthetic presentation. Movement vocabulary covered will include work at the barre, adagio, waltz, petite allegro, and grande allegro. Students are introduced to a working French vocabulary through class participation, readings, and quizzes. This course may be used for partial fulfillment of the physical education activity requirement for the Associate of Arts degree. This course may be repeated once for credit.

### **DANC 120 Jazz Dance 1 1 Cr Hrs**

This course provides instruction of Jazz dance movements, borrowed from other forms of dance, and includes exercise techniques and steps of jazz dance placed with contemporary music as an art form. Basic body terminology, dance vocabulary, correct body alignment and simple combinations of jazz choreography will be introduced. This course may be used for partial fulfillment of the physical education activity requirement for the Associate of Arts Degree. This course may be repeated once.

### **DANC 130 Modern Dance 1 1 Cr Hrs**

This course is an introduction to the technical skills, movement progressions, history, and basic elements of artistic expression (space, shape, time, energy) in contemporary modern dance. Students will explore rhythmic perception and spatial awareness with emphasis on aesthetic and expressive qualities using modern dance techniques and guided movement improvisational exercises. This course may be used for partial fulfillment of the physical education activity requirement for the Associate of Arts degree. This course may be repeated once for credit.

### **DANC 140 Tap Dance 1 Cr Hrs**

This class will introduce the basic fundamentals of beginning tap. Rhythm exercises, musicality and beginning tap choreography will be taught. Each class will include tap terminology and Broadway-style tap routines will be developed throughout the semester. Barre work, across the floor, and center-floor work will be introduced. Tap shoes are

required. This course may be used for partial fulfillment of the physical education activity requirement for the Associate of Arts Degree. This course may be repeated once.

### **DANC 160 Aerial Dance 1 Cr Hrs**

This course is an introduction to the technical skills and fundamentals of Aerial Dance in silks. Students will gain strength, knowledge, and understanding of aerial movement (spatial and body awareness) within a focused and progressive learning environment. This course fulfills the HACT requirement for the Associate of Arts degree for non-dance majors. This course may be repeated once for credit.

### **DANC 210 Ballet 2 2 Cr Hrs**

This course is an intermediate level ballet technique class building upon the basic technique learned in beginning ballet designed to further develop the dancer's strength, flexibility, body alignment, vocabulary, musicality, style, and aesthetic presentation. Movement vocabulary covered will include longer and more complex barre combinations, adagio, waltz, petite allegro, and grande allegro. This course is designed to further enhance the dancer's technique through demonstration during participation in class, expanding working French vocabulary and through assigned readings and quizzes. Prerequisite: Dance 110 or instructor permission. This course fulfills the HACT/DANC requirement for the Associate of Arts degree for non-dance majors. This course may be repeated once for credit.

### **DANC 220 Jazz Dance 2 2 Cr Hrs**

A continuation of Beginning Jazz Dance, this course emphasizes intermediate techniques and skills while focusing on different styles, such as funk, classical jazz, and lyrical. This course includes Jazz choreography. Prerequisite: DANC 120 or instructor permission. This course fulfills the HACT/DANC requirement for the Associate of Arts degree for non-dance majors. This course may be repeated once for credit.

### **DANC 230 Modern Dance 2 2 Cr Hrs**

This course is a study of continued development in technical skills, movement progressions, history, and basic elements of artistic expression (space, shape, time, energy) in contemporary modern dance. Students will explore rhythmic perception and spatial awareness with emphasis on aesthetic and expressive qualities using modern dance techniques, guided movement improvisational exercises, and the re-staging of a historical dance work. Prerequisite: DANCE 130 or instructor permission. This course fulfills the HACT/DANC requirement for the Associate of Arts degree for non-dance majors. This course may be repeated once for credit.

### **DANC 250 Choreographic Composition 2 Cr Hrs**

This is an introductory course to the craft and process of choreography. Students will explore improvisational processes and study compositional structures used to create movement studies and develop choreography in an intelligent, productive manner and will create an original work during the semester to be performed in the spring dance concert. COREQ: Students must be simultaneously enrolled and regularly attending a dance technique class while taking Choreographic Composition and must be in their sophomore year. This course will not fulfill the physical education activity requirement for the Associate of Arts Degree.

### **DANC 280 Dance Portfolio 1 Cr Hrs**

The Dance Portfolio course will provide students with the opportunity to prepare a comprehensive portfolio that will demonstrate the abilities and character of the person who created it. This portfolio will be a tool to assist students when transferring to another college, auditioning for dance programs, and seeking employment in the field of dance. In this course, students will gather documentation of their work history, participate in a service-learning project or internship, and demonstrate that they have achieved the Dance Department Student Learning Objectives. Students will complete this project with a final presentation



juried by faculty within the program. PREREQ: Students must be in their final year of the Dance Program and have completed a minimum of 45 credit hours toward an AA degree in Dance, or have permission from the instructor to register for the course.

## MUSIC-LESSONS

### **MUSA 100-299 Music Lessons** 1-2 Cr Hrs

All courses with a MUSA designation are individual music lessons. Students meet one-on-one with an instructor each week for formal lessons and are expected to devote significant time to practice outside of class. Music majors should sign up for courses ending in a "2" (e.g. MUSA 102 or 202). Students who are not music majors should sign up for lessons ending in a "0" or "1" (e.g. MUSA 100 or 101). One-credit classes meet a half hour each week; two-credit classes meet an hour each week. Students may accumulate 4 credits toward graduation in courses ending in "0" or 8 credits toward graduation in courses ending in "1". Music majors may accumulate 8 credits at each level of courses ending in "2". MUSA classes carry additional fees. Please check the most current class schedule for a listing of available courses and additional fees.

### **MUSA 199 Special Topics** 1-5 Cr Hrs

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

## MUSIC

### **MUSI 100 Music Appreciation** 3 Cr Hrs

A non-technical course designed to provide a basis for enjoyable listening through the discovery of stylistic differences between historical eras and the individual composers within the eras and through the awareness of the various performance media.

### **MUSI 101 Theory of Music 1** 3 Cr Hrs

This course is a review of music fundamentals including note and rhythm reading, scales, intervals, triads, and seventh chords. Music Theory 101 includes harmonic progressions, cadences, and beginning part writing. Prerequisite: A score of 75% or better on the Music Theory Placement Test (available in the CSI testing center) or completion of MUSI 103 with a grade of C or better.

### **MUSI 102 Theory of Music 2** 3 Cr Hrs

This course is a continuation of Music Theory 1. Course includes harmonic analysis, compositional skills of the common practice period, four-part writing, cadences, non-chord tones, seventh chords and secondary functions. Prerequisite: C or better MUSI 101.

### **MUSI 103 Fundamentals of Music** 2 Cr Hrs

This course covers the elements of music, embracing a working knowledge of rhythm, melody and sight-singing.

### **MUSI 108 Survey of Jazz and Pop Music** 3 Cr Hrs

This course studies the development of jazz and popular music in the United States. Jazz, blues, folk, rock and other popular music forms will be heard and studied along with important instrumentalists, singers, and band composers. Important historical and social events which paralleled the development of jazz and popular music will also be discussed. Some live and recorded demonstrations of musical style periods will be presented.

### **MUSI 111 Aural Skills 1** 1 Cr Hrs

This course correlates with MUSI 101. It emphasizes aural training in scales, rhythms and intervals. It includes sight-singing using solfege, harmonic and melodic dictation. Prerequisite: A score of 75% or better on the Music Theory Placement Test (available in the CSI Testing Center) or completion of MUSI 103 with a grade of C or better.

### **MUSI 112 Aural Skills 2** 1 Cr Hrs

This course correlates with MUSI 102. It continues the emphasis on aural training in scales, rhythms, and intervals. It includes sight-singing using solfege, harmonic and melodic dictation. Prerequisite: C or better in MUSI 111.

### **MUSI 120 Symphonic Band** 0-1 Cr Hrs

The Symphonic Band is a concert band comprised of both student and community musicians, and offers one performance per semester. It plays a variety of music, but concentrates on important standard band literature. This course may be repeated for a total of four credits.

### **MUSI 121 Symphony Orchestra** 0-1 Cr Hrs

The Symphony is made up of both community members from the Magic Valley and college students, and performs concerts each semester. No limit to number of terms taken. Persons wishing to enroll for credit should make prior arrangements with the conductor.

### **MUSI 122 Wind Ensemble** 0-1 Cr Hrs

The Wind Ensemble rehearses and performs a minimum of 2 concerts per semester. Emphasis is placed on introducing students to standard band literature. This course may be used to satisfy the band requirement for music majors.

### **MUSI 123 Pep Band** 1 Cr Hrs

The Pep Band is open to all CSI wind and percussion players. The band rehearses once a week from October to March and performs at all men's home basketball games, the spring tournament, and other athletic and spirit events. Attendance at all rehearsals and performances is mandatory. This course may be repeated for a total of 4 credits. Prerequisite: Permission of instructor.

### **MUSI 125 Jazz Ensemble** 1 Cr Hrs

This course provides students an opportunity to perform in a big band setting. All big band styles will be covered from the 1930's to the present day. It may be repeated 4 times for 4 credit hours. Prerequisite: Permission of instructor.

### **MUSI 130 Chamber Choir** 0-1 Cr Hrs

This course is a study of traditional choral chamber music with emphasis on master works by well-known composers such as Bach, Handel, Vivaldi, Haydn, Mozart, Brahms and so forth. It includes both sacred and secular music ranging from the Renaissance period to the contemporary. No audition is necessary but the student must be able to sing in tune.

### **MUSI 131 College MV Chorale** 0-1 Cr Hrs

Members are singers from the Magic Valley and college students. This course is a study of outstanding larger choral works, frequently accompanied by instrumental ensembles. Students must have the ability to sing in tune.

### **MUSI 133 Percussion Ensemble** 1 Cr Hrs

This performing group gives musicians the opportunity to play a wide variety of literature and instruments including drums, keyboards, and traditional and ethnic percussion instruments. Special emphasis is given to irregular and complex time signatures. The ensemble will give several performances, and members may be expected to perform with the CSI Symphonic Band. Music reading skills are required. This course may be repeated for up to 4 credits.



**MUSI 135 Madrigal Ensemble 1 Cr Hrs**

This small, select ensemble of advanced singers performs primarily a cappella music, including 16th and 17th century madrigals, as well as appropriate selections from the classical, romantic and 20th century repertoire. Prerequisite: Audition and permission of instructor required.

**MUSI 140 Applied Techniques Jazz Improvisation 2 Cr Hrs**

This course has two objectives: 1. To help students improve their singing or playing abilities, and 2. To prepare students to transfer to a four-year degree major in music. The student is expected to practice for four hours a week per credit hour. Each student is required to participate in a final student workshop, jury or recital and attend a minimum of 90% of the lessons for their credit hours.

**MUSI 144 Class Guitar 1 Cr Hrs**

This course is a group introduction to the fundamental of guitar including basic chords, tablature reading/standard notation reading and accompaniment styles, along with a brief introduction to guitar history and various musical styles. Students must supply their own instrument.

**MUSI 145 Class Voice 2 Cr Hrs**

This course is a study of how singing works. Upon successful completion, it will enable the student to teach himself/herself to sing correctly as well as to help others to do the same. Course contents include: motivation, posture, phonation, breathing, resonance, articulation, and communication in performance. The emphasis of Class Voice is on the academic study of the concepts of singing and is not a performance course.

**MUSI 150 Beginning Class Piano 1 1 Cr Hrs**

This course is an introduction to basic keyboard skills, including note reading, technique, solo and ensemble playing, and basic theory as it relates to the keyboard.

**MUSI 151 Beginning Class Piano 2 1 Cr Hrs**

This course is a continuation of MUSI 150. Students will continue to learn to read and play major and minor pentascales, simple and compound meters, basic improvisation, solo and ensemble playing. Prerequisite: C or better in MUSI 150 or permission of instructor.

**MUSI 155 Intermediate Class Piano 1 1 Cr Hrs**

This course provides basic keyboard skills for the music majors including training in piano theory and technique, sight reading and listening skills, simple harmonization, improvisation and transposition. Prerequisite: Ability to read treble and bass clef at the keyboard. Non-music majors may take this class with instructor permission or C or better in MUSI 151.

**MUSI 156 Intermediate Class Piano 2 1 Cr Hrs**

This course is a continuation of keyboard skills for the music major, covering major and minor scales, rhythm reading, harmonization, improvisation, transposition, intermediate piano solo and ensemble materials. Prerequisite: C or better in MUSI 155. Non-music majors may take this course with instructor permission.

**MUSI 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**MUSI 200 Music Independent Study 1-6 Cr Hrs**

This is a term-long project. Each credit hour is equivalent to 45 hours of work on a project. Students should make arrangements with the instructor in their field of interest. The request form for this project must be filled out and approved by the instructor, department chairman, and the Academic Dean and filed in the Records Office. May be taken for a total of six credit hours.

**MUSI 201 Theory of Music 3 3 Cr Hrs**

This course is the third course in a four semester music theory sequence, and will cover secondary harmonic functions, modulations, binary and ternary forms and mode mixture. Additional topics that may be studied include Neapolitan chords and augmented sixth chords. Prerequisite: C or better in MUSI 102.

**MUSI 202 Theory of Music 4 3 Cr Hrs**

This course is the fourth course in four-semester music theory sequence, and will cover augmented sixth chords, enharmonic spellings and modulations, and other elements of the harmonic vocabulary. Additional topics that may be studied include tonal harmony in the late nineteenth century and an introduction to twentieth-century practices. Prerequisite: C or better in MUSI 201.

**MUSI 211 Aural Skills 3 1 Cr Hrs**

This course is a continuation of MUSI 112. It will continue the development of both solfege ability and aural perception of intervals, rhythms, chords, and chord progressions. Prerequisite: C or better in MUSI 112.

**MUSI 212 Aural Skills 4 1 Cr Hrs**

This course is a continuation of MUSI 211. It continues the development of both solfege ability and aural perception of intervals, rhythms, chords, and chord progressions. Prerequisite: C or better in MUSI 211.

**MUSI 233 Music Methods for Elementary Teachers 2 Cr Hrs**

This course explores materials and methods for teaching music in the elementary school. Basic skills for the classroom teacher, including music notation, classroom instruments, conducting, singing, listening and integrating music into the elementary curriculum will be examined.

**MUSI 243 Music Portfolio and Final Recital 2 Cr Hrs**

This course provides students with the opportunity to prepare a comprehensive portfolio which may help them transfer to another college or gain employment. It also serves as the final semester of applied instruction. Students will gather documentation demonstrating that the Music Program Student Learning Objectives have been met. The final portfolio and recital are juried by faculty within the program. Prerequisite: Permission of instructor.

**MUSI 255 Piano Literature 1 3 Cr Hrs**

This course is an in-depth study of the literature of the keyboard, primarily the piano, including its history from the Baroque through the Romantic periods. It includes examination of the performance practices of piano literature by major composers of each period. Prerequisite: Permission of instructor.

**MUSI 256 Piano Pedagogy 1 3 Cr Hrs**

Piano Pedagogy is designed to aid prospective piano teachers as well as the experienced teacher in acquiring skills and concepts for creative private studio teaching. Prerequisite: Permission of instructor.

**MUSI 257 Piano Pedagogy 2 3 Cr Hrs**

This course is a continuation of MUSI 256. Prerequisite: C or better in MUSI 256.

**MUSI 270 Introduction to Conducting 2 Cr Hrs**

This course is a study of practical music conducting including precise beat patterns for simple, compound and irregular meters, preparatory beats, cueing, cut-offs, articulations and other related subjects. The objective of the course is to enable the student to effectively lead a choral or instrumental musical ensemble. While this course may be taken by music majors, it is not intended to fulfill the upper division conducting requirement that music majors will need to complete at most four year schools. A thorough understanding of rhythm and rhythmic notation is required.

## THEATRE

### **THEA 101 Theatre Appreciation 3 Cr Hrs**

A survey course designed to stimulate an appreciation of theatre. Study of theatre as an art form, backstage elements, important periods, and plays. Filmed productions, slides, lectures, and discussion will focus on the unique world of the stage.

### **THEA 111 Fundamentals of Acting 3 Cr Hrs**

Fundamental techniques in acting, stage movement, characterization, and scene analysis. Students will participate in individual and group improvisations and in scenes from plays. Required for all freshman theatre majors.

### **THEA 112 Intermediate Acting 3 Cr Hrs**

Problems in analysis and creation of character. Study, rehearsal, presentation. Required for theatre majors. Prerequisite: THEA 111.

### **THEA 130 Stagecraft 3 Cr Hrs**

Theory and practice in construction, painting, and rigging of stage scenery and properties. Practical experience in backstage procedures. Required for all entering freshman theatre majors.

### **THEA 151 Play Production 1 Cr Hrs**

For students who want to receive acting, technical, or business assignments in college productions. Practical experience in producing and presenting plays. Required for theatre majors. May be repeated for a total of 8 credit hours.

### **THEA 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

### **THEA 200 Theatre 1-3 Cr Hrs**

Designed for special or accelerated theatre workshops, studio projects, and/or special types of productions. This is a term-long project for advanced students. Each credit hour is equivalent to 45 hours of work on a project. Students should make arrangements with the instructor in their field of interest. The request form for this project must be filled out and approved by the instructor, department chairman, and the Academic Dean and filed in the Records Office. May be taken for a total of 6 credit hours.

### **THEA 201 Theatre History 1 3 Cr Hrs**

A survey of theatre history from prehistoric times through the Renaissance. Students examine literature and personalities from representative periods and movements.

### **THEA 202 Theatre History 2 3 Cr Hrs**

A survey of theatre history from the Renaissance to modern times. Students examine literature and personalities from representative periods and movements.

### **THEA 211 Voice for Theatre 2 Cr Hrs**

This course emphasizes an individual program of personal vocal development for the theatre. Students learn vocal anatomy; relaxation techniques; and exercises for relaxation, breath control, resonance, energy, and vocal range. Techniques for characterization are explored. These skills will be applied to achieve an appreciation of the flexibility of the voice responding to language and imagery.

### **THEA 232 Stage Lighting 3 Cr Hrs**

Theory and practice of stage lighting applied to various types of stage production. Includes basic principles of electricity, nature and use of different instruments, types of control, and effects of color. Students will form lighting crews for college productions. Required for theatre majors.

### **THEA 240 Stage Makeup 2 Cr Hrs**

Basic principles and theory. Laboratory and performance experience in all phases of theatrical makeup. Required for sophomore theatre majors.

### **THEA 250 Classroom Drama 3 Cr Hrs**

This course is required for theatre majors and is recommended for education majors. It is designed to teach students to use theatrical techniques not only in the theatre but also in other areas such as language arts, social studies, outdoor recreation, etc. Students will work with others in a "hands-on" laboratory situation--sharing ideas, planning, structuring, implementing lesson plans, and completing a research project surveying the field of Creative Drama and Theatre by, with, and for children.

### **THEA 280 Theatre Portfolio 1 Cr Hrs**

This course will provide students with the opportunity to prepare a comprehensive portfolio which may help them transfer to another college theatre program or gain employment in the theatre. In this course, students will gather documentation of their abilities to demonstrate that they have achieved the Theatre Program Student Learning Objectives. Students will complete this project with a final presentation of their completed portfolio juried by the faculty within the program. This course is intended for students in their final semester for the Theatre Program. Prerequisite: Must have completed 48 credits hours toward an AA degree in Theatre, or have permission from the department.

# HEALTH SCIENCES AND HUMAN SERVICES DEPARTMENT

## PROGRAMS OF STUDY

All of the Health Sciences and Human Services programs have a separate application process from applying to the College or declaring a major. Because gaining entry to these programs is limited, it is very important that a student seek advising from the HSHS Student Advisor (732-6730) or the Program Contact listed when preparing to become an applicant. Specific program application information is available on each program's website. For each program listed below, Pre-program Admission Requirements must be either completed or in progress at the time of application. Post-program admission requirements generally have a prescribed sequence determined by program start-date.

## ADDICTION STUDIES

**Contact: Mary Feis-Christy, (208) 732-6713**  
**mchristy@csi.edu**

The Addiction Studies curriculum consists of coursework focusing on the nature of addiction, the impact of addiction on the physical, emotional, intellectual and spiritual nature of the human being, family and society. Specialized coursework, including a practicum course, provides the student with foundational knowledge and entry-level skills to work not only with addicted individuals and their families, but to also work successfully within the treatment continuum and to network with other professionals and agencies.

Successful completion of particular courses within the Addiction Studies curriculum allows a student to apply for the Idaho Student of Addiction Studies (ISAS) certification test, which is offered through the Idaho Board of Alcohol and Drug Counselor Certification. This entry level certification allows a student the opportunity to work in the field of addiction treatment as a "trainee", subsequently earning the necessary supervised hours required to make application for the Certified Alcohol and Drug Counselor (CADC) certification test. These particular courses also meet the educational requirements (i.e. "educational domains") for those individuals seeking CADC or ACADC certification through the Idaho Board of Alcohol and Drug Counselor certification.

Applying to this program is a separate application process from applying to the College or declaring your major.

Additional information and current application requirements can be found at: [http://hshs.csi.edu/human\\_services](http://hshs.csi.edu/human_services)

To promote success on the certificate/licensure examination(s), all ADDS courses must be passed with a grade of C or better.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Addiction>

**Program Application Required: Yes**

**Sample Career Opportunities:** Substance Abuse and Behavioral Disorder Counselors; Mental Health Counselors

Intermediate Technical Certificate  
**Major Code: 4415T**

Course	Course Title	Cr Hrs
<b>Post-Program Admission Requirements</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
PSYC 101	General Psychology	3
ADDS 190	Alcohol/Drugs & Society	3
ADDS 201	Pharmacology of Psychoactive Drugs	3
ADDS 204	Counseling Skills 1	3
ADDS 206	HIV/STD & Other Diseases	3
ADDS 207	Ethics for Addiction Counselors	3
ADDS 202	Alcohol, Drugs & the Family	3
ADDS 203	Screening & Assessment	3
ADDS 205	Case Management	3
ADDS 208	Group Process	3
ADDS 250	Field Placement/Practicum*	8
<b>Total</b>		<b>8</b>

**Total Credit Hours Required for this Major: 47**

*\*Prerequisite or corequisite required.*

Associate of Applied Science  
Major Code: 4415A

Course	Course Title	Cr Hrs
<b>Post-Program Admission Requirements</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
HUMA GE	Any Gen. Ed. Humanities course	3
MATH GE	Any Gen. Ed. Math Course	3
PSYC 101	General Psychology	3
SCIG GE	Any Gen. Ed. Science Course	4
SOCY 101	Intro to Sociology	3
ELEC ANY	College Level Electives	4
ADDS 190	Alcohol/Drugs & Society	3
ADDS 201	Pharmacology of Psychoactive Drugs	3
ADDS 204	Counseling Skills 1	3
ADDS 206	HIV/STD & Other Diseases	3
ADDS 207	Ethics for Addiction Counselors	3
ADDS 202	Alcohol, Drugs & the Family	3
ADDS 203	Screening & Assessment	3
ADDS 205	Case Management	3
ADDS 208	Group Process	3
ADDS 250	Field Placement/Practicum*	8

**Total Credit Hours Required for this Major: 64**

\*Prerequisite or corequisite required.

**DENTAL ASSISTANT**

Contact: **Tonja Bowcut, (208) 732-6708**  
**tbowcut@csi.edu**

The Dental Assistant Program curriculum offers courses for the skilled person to enter into the health care environment as an assistant in the dental office. The general education classes and credits are transferable to other Allied Health curricula or programs. The student is encouraged to obtain advising from faculty to ensure that the proper courses are completed prior to registration or transfer to other health programs. Additional information and current application requirements (including deadlines) can be found at: [http://hshs.csi.edu/dental\\_assistant](http://hshs.csi.edu/dental_assistant). You must be a high school graduate or have completed the GED/HSE before applying to this program.

To promote success on the certification/licensure examination(s), all Required Courses must be passed with a grade of C or better.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/DentalAssistant>

**Program Application Required: Yes**

**Sample Career Opportunities:** Dental Assistants

Intermediate Technical Certificate  
Major Code: 4407T

Course	Course Title	Cr Hrs
<b>Pre-Program Admission Requirement</b>		
	Introduction to Allied Health	ALLH 202 2

\*\*only if student did not have high school health occupation course or [www.myplan.com](http://www.myplan.com) (see advisor of instructions)

<b>Post-Program Admission Requirements</b>		
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
SOCS GE	Any Gen. Ed. Soc. Science Course	3
ALLH 101	Medical Terminology	2
ALLH 220	Fundamentals of Nutrition	3
BIOL 105	Human Structure & Function	4
DENA 101	Dental Assisting Theory 1*	2
DENA 101L	Dental Assisting Theory 1 Lab*	1
DENA 103	Dental Anatomy & Terminology*	2
DENA 115	Dental Radiology*	2
DENA 115L	Dental Radiology Lab*	1
DENA 135	Community Dental Health*	1
DENA 135C	Community Dental Health Clinical*	1
DENA 142	Medical Emergencies*	2
DENA 151	Dental Assisting Theory 2*	2
DENA 151C	Dental Assisting Theory 2 Clinical*	4
DENA 151L	Dental Assisting Theory 2 Lab*	1
DENA 165	Dental Materials*	1
DENA 165L	Dental Materials Lab*	1
DENA 175	Dental Practice Management*	1
DENA 185	Expanded Functions*	1
DENA 185C	Expanded Functions Practicum*	5
DENA 185L	Expanded Functions Lab*	2

**Total Credit Hours Required for this Major: 48**

\*Prerequisite or corequisite required.



## DENTAL HYGIENE

Contact: Cynthia Harding, (208) 732-6722  
charding@csi.edu

The Dental Hygiene program will educate students to provide patient dental care to the public. Didactic, clinical and laboratory instruction is designed to develop students to be valuable members of the Dental Health Team.

Program graduates will become licensed Registered Dental Hygienists (RDH). They use educational theory and methodology to analyze oral health needs. Educational services learned will develop promotional strategies and delivery of oral health for individuals and groups. As clinicians they will assess, plan and implement treatments for prevention, intervention and control of oral diseases while practicing in collaboration with other professionals. Hygienist provides routine patient care and treatment for beginning to advanced stages of periodontal disease.

Pre-requisite course work is listed on the CSI website. The program will take students two years to complete and requires admission application. Ten students will be selected each year to develop competent skills. The College of Southern Idaho's Dental Hygiene program is accredited by the American Dental Association Commission on Dental Accreditation. Students will prepare for the successful completion of the National Dental Hygiene Exam and the Western Regional Board Exam (WREB) which are administered by the Joint Commission of the American Dental Association.

Additional information and current application requirements (including deadlines) can be found at: [http://hshs.csi.edu/dental\\_hygiene](http://hshs.csi.edu/dental_hygiene)

You must be a high school graduate or have completed the GED/HSE before applying to this program.

**To promote success on the certification/licensure examination(s), all Required Courses must be passed with a grade of C or better.**

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/DentalHygiene>

**Program Application Required: Yes**

**Sample Career Opportunities:** Dental Hygienists

Associate of Applied Science  
Major Code: 4419A

Course	Course Title	Cr Hrs
<b>Pre-Program Admission Requirements</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH 143	College Algebra*	3
or MATH 153	Elementary Statistics*	3
PSYC 101	General Psychology	3
or SOCY 101	Introduction to Sociology	3
ALLH 220	Fundamentals of Nutrition	3
BIOL 221	Introductory Microbiology	4
BIOL 227	Human Anatomy & Physiology 1	4
BIOL 228	Human Anatomy & Physiology 2*	4
CHEM 101	Introduction to Chemistry*	4
<b>Total</b>		<b>31</b>
<b>Post-Program Admission Requirements</b>		
DENH 101	Introduction to Dental Hygiene*	2
DENH 101C	Dental Hygiene Clinic 1*	3
DENH 115	Dental Radiology*	2
DENH 115L	Dental Radiology Lab*	1
DENH 122	Dental Head and Neck Anatomy*	2
DENH 132	Dental Anatomy Embryology & Histology*	2
DENH 142	Medical Emergencies*	2
DENH 151	Dental Hygiene Theory 2*	3
DENH 151C	Dental Hygiene Clinic 2*	4
DENH 165	Dental Materials*	1
DENH 165L	Dental Materials Lab*	1
DENH 175	Dental Pharmacology*	3
DENH 185	Oral Pathology*	3
DENH 190	Periodontics 1*	3
DENH 201	Dental Hygiene Theory 3*	3
DENH 201C	Dental Hygiene Clinic 3*	4
DENH 215	Pain Control and Methodology*	2
DENH 215L	Pain Control and Methodology Lab*	1
DENH 235	Community Dental Health*	1
DENH 245	Periodontics 2*	3
DENH 251	Dental Hygiene Theory 4*	3
DENH 251C	Dental Hygiene Theory Clinic 4*	4
DENH 265	Special Needs Patients*	1
DENH 270	Community Dental Health*	2
DENH 280	Legal and Ethical Issues*	2
DENH 295	Testing and Board Reviews*	1
<b>Total</b>		<b>59</b>
<b>Total Credit Hours Required for this Major:</b>		<b>90</b>
<i>*Prerequisite or corequisite required.</i>		

## EMERGENCY MEDICAL TECHNICIAN

Contact: Blaine Larsen, (208) 732-6710  
blainelarsen@csi.edu

The Emergency Medical Technician Program at the College of Southern Idaho offers Emergency Medical Technician and Advanced Emergency Medical Technician paths of study. Both Basic and Intermediate Technical Certificates are available. EMT and Advanced EMT Lecture courses are offered in face to face or online formats. Labs are offered in a state-of-the-art learning facility where students master required emergency skills. All courses are approved by the State of Idaho EMS Bureau and successful graduates of the program qualify to take the National Registry of EMTs Certification exam.

Additional information and current application requirements (including deadlines) can be found at: <http://hshs.csi.edu/emt>

To promote success on the certification/licensure examination(s), all Required Courses must be passed with a grade of C or better.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/EMT>

**Program Application Required: Yes**

**Sample Career Opportunities:** Emergency Medical Technicians

### Basic Technical Certificate Major Code: 4408V

Course	Course Title	Cr Hrs
<b>Post-Program Admission Requirements</b>		
EMEM 102	Emergency Medical Technician*	8
EMEM 102L	EMT Lab*	2
<b>Total Credit Hours Required for this Major:</b>		<b>10</b>

\*Prerequisite or corequisite required.

### Intermediate Technical Certificate Major Code: 4408T

Course	Course Title	Cr Hrs
<b>Post-Program Admission Requirements</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
PSYC 101	General Psychology	3
BIOL 105	Human Structure & Function	4
or BIOL 227	Human Anatomy & Physiology 1*	
ALLH 101	Medical Terminology	2
ALLH 105	Bioethics of Health Professionals	2
BIOL 228	Human Anatomy & Physiology 2*	4
<i>**only if student took BIOL 227</i>		
EMEM 102	Emergency Medical Technician*	8
EMEM 102L	EMT Lab*	2
<b>Total Credit Hours Required for this Major:</b>		<b>30-34</b>

\*Prerequisite or corequisite required.

### Advanced Technical Certificate Major Code: 4408+

Course	Course Title	Cr Hrs
<b>Pre-Program Admission Requirements</b>		
EMEM 102	Emergency Medical Technician*	8
EMEM 102L	EMT Lab*	2
<b>Total</b>		<b>10</b>
<b>Post-Program Admission Requirements</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
PSYC 101	General Psychology	3
BIOL 105	Human Structure & Function	4
or BIOL 227	Human Anatomy & Physiology 1*	
BIOL 228	Human Anatomy & Physiology 2*	4
<i>**only if student took BIOL 227</i>		
ALLH 101	Medical Terminology	2
ALLH 105	Bioethics of Health Professionals	2
EMEM 106	Advanced EMT 1*	6
EMEM 106L	Advanced EMT Lab 1*	3
EMEM 106C	Advanced EMT Clinical 1*	3
EMEM 108	Advanced EMT 2*	6
EMEM 108L	Advanced EMT Lab 2*	3
EMEM 108C	Advanced EMT Clinical/Internship 3*	3
<b>Total</b>		<b>44-48</b>

**Total Credit Hours Required for this Major: 54-58**

\*Prerequisite or corequisite required.

## MEDICAL ASSISTANT

**Contact:** Kara Mahannah, (208) 732-6728  
kmahannah@csi.edu

The Medical Assistant Program prepares graduates to assist health care providers in outpatient setting performing administrative and/or clinical tasks. Medical Assistants are multi-skilled, allied health care workers who perform a variety of skills assisting health care providers with patient care. They assist with clerical duties, referrals, insurance billing and coding, minor in-office procedures; perform phlebotomy with lab tests, EKG's, as well as many other administrative and clinical tasks. This program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHER, 1361 Park Street, Clearwater, FL 33756; Phone: 727-210-2350, FAX: 727-210-2354 on recommendation of the Medical Assisting Education Review Board (MAERB) of the American Association of Medical Assistants Endowment (AAMAE). Upon completion of the program students are eligible to sit for the national medical assistant certification exam, CMA (AAMA) by the Certification Board of the American Association of Medical Assistants. The CMA (AAMA) is considered the gold standard of medical assisting professionalism. The CMA (AAMA) means a professional edge, increased prestige among peers and employers, better job security, and greater career advancement opportunities.

Additional information and current application requirements (including deadlines) can be found at: [http://hshs.csi.edu/medical\\_assistant](http://hshs.csi.edu/medical_assistant). You must be a high school graduate or have completed the GED/HSE before applying to this program. To promote success on the certification/licensure examination(s), all Required Courses must be passed with a grade of C or better.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/MedicalAssistant>

**Program Application Required: Yes**  
**Sample Career Opportunities:** Medical Assistants

### Intermediate Technical Certificate Major Code: 4410T

Course	Course Title	Cr Hrs
<b>Pre-Program Admission Requirements</b>		
Proficient on Computer Literacy Test or CISA 101		
<b>Post-Program Admission Requirements</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
PSYC 101	General Psychology	3
ALLH 101	Medical Terminology	2
BIOL 105	Human Structure & Function	4
MEDA 109	Pharmacology*	2
MEDA 131	Medical Office Procedures*	5
MEDA 233	Clinical Procedures 1*	5
MEDA 201	Integrated Medical Procedures*	3
MEDA 220	Human Diseases	3
MEDA 234	Clinical Procedures 2*	3
MEDA 235	Practicum*	4
<b>Recommended Elective Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
HACT 155	Health & Wellness	3
<b>Total Credit Hours Required for this Major:</b>		<b>40</b>

\*Prerequisite or corequisite required.

## NURSING - PRACTICAL

**Contact:** Tammy Pehrson, 732-6727  
tpehrson@csi.edu

Licensed Practical Nurses practice in long term care facilities, physician offices, rural hospitals, home health, and administrative offices. LPN's completing the program at CSI graduate with IV Therapy Certification. The Practical Nursing program is approved by the Idaho Board of Nursing and Idaho Division of Professional Technical Education. Upon satisfactory completion of the PN program the graduate is eligible to write the NCLEX-PN. Applying to this program is a separate application process from applying to the College or declaring your major.

Additional information and current application requirements (including deadlines) can be found at: [http://hshs.csi.edu/practical\\_nursing](http://hshs.csi.edu/practical_nursing).

To promote success on the certification/licensure examination(s), all Required Courses must be passed with a grade of C or better.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Nursing>.

**Program Application Required: Yes**  
**Sample Career Opportunities:** Licensed Practical Nurses

### Intermediate Technical Certificate Major Code: 4411T

Course	Course Title	Cr Hrs
<b>Pre-Program Admission Requirements</b>		
Proficient or higher score on TEAS-V test		
<b>Post-Program Admission Requirements</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. MATH Course	3
PSYC 101	General Psychology	3
ALLH 101	Medical Terminology	2
BIOL 105	Human Structure & Function	4
NURP 106	Fundamentals*	5
NURP 115	Medication Administration for PN*	1
NURP 110	Pharmacology for Practical Nursing A*	1
NURP 111	Pharmacology for Practical Nursing B*	1
NURP 120	Medical Surgical A*	5
NURP 121	Medical Surgical B*	5
NURP 135	Developing Family*	4
NURP 225	Nursing Care of the Elderly*	2
NURP 230	Transition to Practice*	2
<b>Total Credit Hours Required for this Major:</b>		<b>41</b>

\*Prerequisite or corequisite required.

## NURSING - REGISTERED

Contact: Valerie Warner, (208) 732-6724  
vwarnar@csi.edu

The Associate Degree Nursing (ADN) program prepares graduates as a professional nurse to provide holistic patient care in a variety of clinical settings and to interact professionally with patients, families, and co-workers within the community. Nurses are educated to function as members of the health-care team and provide optimal cost-effective patient care.

The ADN program is approved by the Idaho Board of Nursing and accredited by the Accreditation Commission for Education in Nursing, Inc. (ACEN), 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, phone: 1-404-975-5000. Completion of the program qualifies the graduate to write the NCLEX-RN.

Applying to this program is a separate application process from applying to the College or declaring your major. Additional information and current application requirements (including deadlines) can be found at: [http://hshs.csi.edu/registered\\_nursing](http://hshs.csi.edu/registered_nursing).

To promote success on the certification/licensure examination(s), all Required Courses must be passed with a grade of C or better.

**Program Application Required: Yes**

**Sample Career Opportunities:** Registered Nurses

Associate of Science  
Major Code: 1501S

Course	Course Title	Cr Hrs
<b>Pre-Program Admission Requirements</b>		
ENGL 101	English Composition 1*	3
CHEM 101**	Introduction to Chemistry*	4
<i>**only if student did not have 2 semester of high school chemistry</i>		
Meet minimum point requirement on admission score sheet		
Proficient or higher score on TEAS-V test		
<b>Post-Program Admission Requirements</b>		
BIOL 221	Introductory Microbiology	4
BIOL 227	Human Anatomy & Physiology 1	4
BIOL 228	Human Anatomy & Physiology 2*	4
COMM 101	Fundamentals of Oral Communication	3
ENGL 102	English Composition 2*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
HUMA GE2	Any 2nd Gen. Ed. Humanities	3
<i>Humanities courses must be from 2 different disciplines.</i>		
MATH 143	College Algebra*	3
or MATH 153	Elementary Statistics	3
PSYC 101	General Psychology	3
SOCY 101	Introduction to Sociology	3
NURR 101	Beginning Nursing Intervention*	7
NURR 104	Mental Health Nursing*	4
NURR 105	Intermediate Medical-Surgical Nursing*	5
NURR 201	Advanced Nursing Intervention*	10
NURR 202	Issues in Professional Nursing*	1
NURR 204	Maternal/Child Nursing*	4
NURR 206	Advanced Med-Surg Intervention 2*	4
NURR 208	Professional Nursing Transition*	3
<b>Total Credit Hours Required for this Major:</b>		<b>74</b>

\*Prerequisite or corequisite required.

## PARAMEDIC

Contact: Blaine Larsen, (208) 732-6710  
blainelarsen@csi.edu

The Paramedic Program at the College of Southern Idaho offers Intermediate Technical Certificate and Associate of Applied Science Degree paths of study. Students enjoy a state-of-the-art, technologically advanced, learning facility that features human patient simulation and a nationally recognized faculty. Successful graduates qualify to take the National Registry of EMT's Paramedic Certification exam. The program is approved by the Committee of Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP, 8301 Lakeview Parkway, Suite 111-312, Rowlett, TX 75088; Phone: 214.703.8445, Fax: 214.703.8992), the Idaho EMS Bureau, and is nationally accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP, 1361 Park Street, Clearwater, FL 33756; Phone: 757-210-2350, Fax: 757-210-2354).

Additional information and current application requirements (including deadlines) can be found at: <http://hshs.csi.edu/paramedic>

To promote success on the certification/licensure examination(s), all Required Courses must be passed with a grade of C or better.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Paramedic>

**Program Application Required: Yes**

**Sample Career Opportunities:** Paramedic

Intermediate Technical Certificate  
Major Code: 4413T

Course	Course Title	Cr Hrs
<b>Pre-Program Admission Requirements</b>		
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	
MATH GE	Any Gen. Ed. Math Course	3
PSYC 101	General Psychology	3
BIOL 105	Human Structure & Function	4
Current NREMT certification		
<b>Total</b>		<b>13</b>
<b>Post-Program Admission Requirements</b>		
PARA 101	Paramedic 1*	9
PARA 101C	Paramedic 1 Clinical*	2
PARA 101L	Paramedic 1 Laboratory*	3
PARA 201	Paramedic 2*	9
PARA 201C	Paramedic 2 Clinical*	4
PARA 201L	Paramedic 2 Laboratory*	4
PARA 244	Paramedic 3*	2
PARA 244C	Paramedic 3 Clinical/Field Internship*	9
PARA 244L	Paramedic 3 Laboratory*	1
<b>Total</b>		<b>43</b>
<b>Total Credit Hours Required for this Major:</b>		<b>56</b>

\*Prerequisite or corequisite required.



Contact: Jason Sumsion (208)732-6712  
jsumsion@csi.edu

The Physical Therapist Assistant Consortium Program prepares students for employment as physical therapist assistants (PTA). The PTA functions through the direction of a physical therapist (PT) to implement the PT's plan of care. The ultimate goal of physical therapy is to aid patients and clients in their return to maximal function. PTA students are instructed in thinking processes and skills such as therapeutic exercise, orthopedic and neurological interventions, therapeutic modalities, and the art of patient care. In addition to patient treatment courses, students study the basic sciences of anatomy, physiology, clinical pathology, and kinesiology. Clinical education experiences are integrated throughout the curriculum and offer students the opportunity to practice the techniques learned and practiced each semester. The program is designed to be completed in two years.

Effective November 6, 2013, the Idaho Consortium Physical Therapist Assistant program has been granted Candidate for Accreditation status by the Commission on Accreditation in Physical Therapy Education (CAPTE; 1111 North Fairfax Street, Alexandria, VA, 22314; phone: 703-706-3245; email: accreditation@apta.org). Candidate for Accreditation is a pre-accreditation status of affiliation with the Commission on Accreditation in Physical Therapy Education that indicates that the program may matriculate students in technical courses and that the program is progressing toward accreditation. Candidate for Accreditation is not an accreditation status nor does it assure eventual accreditation. Graduation from a physical therapist assistant education program accredited by the Commission on Accreditation in Physical Therapy Education is necessary for eligibility to sit for the licensure examination, which is required in all states.

Applying to this program is a separate application process from applying to the College or declaring your major.

Additional information and current application requirements (including deadlines) can be found at: [http://hshs.csi.edu/physical\\_therapist\\_assistant](http://hshs.csi.edu/physical_therapist_assistant)

To promote success on the certification/licensure examination(s), all required courses must be passed with a grade of C or better. Registration for PTAE courses are restricted to students within the major.

**Program Application Required: Yes**

**Sample Career Opportunities:** Physical Therapist Assistants

Course	Course Title	Cr Hrs
<b>Pre-Program Admission Requirements</b>		
COMM 101	**Fundamentals of Oral Communication	3
or ENGL 101	**English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
PSYC 101	General Psychology	3
BIOL 227	Human Anatomy & Physiology 1	4
BIOL 228	Human Anatomy & Physiology 2*	4
Current NREMT certification		
<b>Total</b>		<b>17</b>
<b>Post-Program Admission Requirements</b>		
ALLH 101	Medical Terminology	2
COMM 101	**Fundamentals of Oral Communication	3
or ENGL 101	**English Composition 1*	
ALLH 105	Bioethics for Health Professional	2
PARA 101	Paramedic 1*	9
PARA 101C	Paramedic 1 Clinical*	2
PARA 101L	Paramedic 1 Laboratory*	3
PARA 201	Paramedic 2*	9
PARA 201C	Paramedic 2 Clinical*	4
PARA 201L	Paramedic 2 Laboratory*	4
PARA 244	Paramedic 3*	2
PARA 244C	Paramedic 3 Clinical/Field Internship*	9
PARA 244L	Paramedic 3 Laboratory*	1
PARA 248	Prehospital Emergency Pharmacology*	2
<b>Total</b>		<b>52</b>
<b>Total Credit Hours Required for this Major:</b>		<b>69</b>

\*Prerequisite or corequisite required.

\*\*Students must take both Comm101 and ENGL 101 prior to graduation.

Associate of Applied Science  
Major Code: 4420A

Course	Course Title	Cr Hrs
<b>Pre-Program Admission Requirements</b>		
ENGL 101	English Composition 1*	3
BIOL 227	Human Anatomy and Physiology 1*	4
MATH GE	Any GE Math course	3
ALLH 101	Medical Terminology	2
<b>Total</b>		<b>12</b>
<b>Post-Program Admission Requirements</b>		
COMM 101	Fundamentals of Oral Communication	3
BIOL 228	Human Anatomy and Physiology 2*	4
PSYC 101	General Psychology	3
PTAE 101	Physical Therapy in Health Care*	2
PTAE 107	Kinesiology*	2
PTAE 107L	Kinesiology Lab*	2
PTAE 110	Principles & Procedures of Physical Therapy*	1
PTAE 110L	Principles & Procedures of Physical Therapy Lab*	2
PTAE 112	Clinical Pathology 1*	1
PTAE 202	Therapeutic Modalities*	2
PTAE 202L	Therapeutic Modalities Lab*	2
PTAE 203	Therapeutic Exercise*	1
PTAE 203L	Therapeutic Exercise Lab	2
PTAE 205	Orthopedic Rehabilitation*	1
PTAE 205L	Orthopedic Rehabilitation Lab*	1
PTAE 211	Data Collection*	1
PTAE 211L	Data Collection Lab*	2
PTAE 245	Clinical Affiliation 1*	2
PTAE 212	Clinical Pathology 2*	2
PTAE 215	Special Populations*	1
PTAE 215L	Special Populations Lab*	2
PTAE 217	Neurological Rehabilitation*	2
PTAE 217L	Neurological Rehabilitation Lab*	2
PTAE 220	Seminar*	3
PTAE 250	Clinical Affiliation 2*	6
PTAE 255	Clinical Affiliation 3*	6
<b>Total</b>		<b>58</b>

**Total Credit Hours Required for this Major:** 70

\*Prerequisite or corequisite required.

**RADIOLOGIC TECHNOLOGY**

Contact: Dr. Gary Lauer, (208) 732-6719  
glauer@csi.edu

Occupational Description: Registered Technologists (RTs) in Radiography (R) produce diagnostic quality radiographs of parts of the human body for use by physicians in diagnosing their patient's health care problem. RTs follow physician orders precisely using a variety of imaging equipment and they conform to regulations concerning the use of radiation in the protection of their patients, themselves, and coworkers.

Career Objective: The CSI Radiologic Technology Program in Radiography is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive, Suite 2850, Chicago, Illinois 60606-3182; 312-704-5300; [mail@jrcert.org](mailto:mail@jrcert.org). This is an intensive five semester (22 months) program that prepares graduates to pass the national certification examination in radiography conducted by the American Registry of Radiologic Technologists (ARRT). Upon passing this exam, graduates become eligible for entry level employment in diagnostic imaging departments of hospitals and clinics as Registered Technologists in Radiography.

Additional information and current application requirements (including deadlines) can be found at: [http://hshs.csi.edu/radiologic\\_technology](http://hshs.csi.edu/radiologic_technology)

To promote success on the certification/licensure examination(s), all Required Courses must be passed with a grade of C or better.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/RadTech>

**Program Application Required: Yes**

**Sample Career Opportunities:** Radiologic Technologists

Associate of Applied Science  
Major Code: 4414A

Course	Course Title	Cr Hrs
<b>Pre-Program Admission Requirements</b>		
Current CNA or EMT certification or other approved health credential		
<b>Post-Program Admission Requirements</b>		
ENGL 101	English Composition 1*	3
BIOL 105	Human Structure and Function	4
ELEC GE	Any additional Gen. Ed. Credits	4
MATH GE	Any Gen. Ed. Math Course	3
ALLH 101	Medical Terminology	2
COMM 101	Fundamentals of Oral Communication	3
PSYC 101	General Psychology	3
or SOCY 101	Introduction to Sociology	3
RADT 101	Radiologic Science*	3
RADT 102	Orientation to Radiologic Technology*	1
RADT 152	Radiation Protection*	2
RADT 151	Radiographic Procedures 1*	4
RADT 151L	Radiographic Procedures 1 Lab*	1
RADT 153	Image Analysis*	1
RADT 163	Imaging Equipment*	2
RADT 180C	Clinical Education 1*	7
RADT 162	Radiographic Procedures 2*	4
RADT 162L	Radiographic Procedures 2 Lab*	1
RADT 164	Imaging & Processing*	2
RADT 181C	Clinical Education 2*	8
RADT 165	Fundamentals of Computed Tomography*	3
RADT 182C	Clinical Education 3*	11

**Total Credit Hours Required for this Major:** 72

\*Prerequisite or corequisite required.

## SURGICAL/CENTRAL STERILE PROCESSING TECHNOLOGY

Contact: Carrie Nutsch, (208) 732-6715  
cnutsch@csi.edu

Trained central service and sterile processing technicians help reduce the risk of microbial exposure by maintaining and sterilizing equipment for a wide range of medical areas. This short training program can help students learn heat, steam, and chemical disinfecting and sterilization techniques as well as inventory management skills. Professionalism, teamwork, communications and medical language are stressed as students learn to pursue or maintain job opportunities in sterile processing technology.

This online Central Sterile Processing course (SURT 100) is designed for students who are already working in the field. Upon completion of this course, and if they have satisfied the required 400 hours work in CSP, they will be eligible to take the IAHCSPM national certification exam. These students can earn credits-for-prior-learning (CPL) that will count towards the Postsecondary Certificate in Central Sterile Processing Technology and the AAS in Surgical Technology.

Applying to this program is a separate application process from applying to the College. You should not declare this program as your major until admitted. Additional information and current application requirements can be found at: [http://hshs.csi.edu/surgical\\_technology/job\\_description.asp](http://hshs.csi.edu/surgical_technology/job_description.asp)

To promote success on the certification/licensure examination(s), all Required Courses must be passed with a grade of C or better.

**Program Application Required: Yes**

### Basic Technical Certificate Major Code: 4412V

Course	Course Title	Cr Hrs
<b>Post-Program Admission Requirements</b>		
ALLH 101	Medical Terminology	2
COMM 101	Fundamentals of Oral Communication	3
SURT 103	Sterilization Techniques*	3
or SURT 100	Central Sterile Processing*	3
<b>Total Credit Hours Required for this Major:</b>		<b>8</b>

## SURGICAL TECHNOLOGY

Contact: Janet Milligan, (208) 732-6706  
jmilligan@csi.edu

Graduates of the Surgical Technology program at the College of Southern Idaho will find placement in the fast paced operating room environment. This part of our surgical services includes a nationally accredited AAS degree program that instructs the student in various aspects of surgery including aseptic technique, instrumentation, procedures, anatomy, and microbiology. The program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP, 1361 Park Street, Clearwater, FL 33756; Phone: 727-210-2350, Fax: 727-210-2354). Upon completion graduates will be eligible for national certification testing. This is a "portable" career and our graduates are in demand nationwide.

Applying to this program is a separate application process from applying to the College. You should not declare this program as your major until admitted. Additional information and current application requirements can be found at: [http://hshs.csi.edu/surgical\\_technology/job\\_description.asp](http://hshs.csi.edu/surgical_technology/job_description.asp)

To promote success on the certification/licensure examination(s), all Required Courses must be passed with a grade of C or better.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/SurgTech>

**Program Application Required: Yes**

**Sample Career Opportunities:** Surgical Technologists

### Associate of Applied Science Major Code: 4412A

Course	Course Title	Cr Hrs
<b>Pre-Program Admission Requirements</b>		
ALLH 101	Medical Terminology	2
BIOL 227	Human Anatomy and Physiology 1*	4
BIOL 228	Human Anatomy and Physiology 2*	4
<b>Total</b>		<b>10</b>
<b>Post-Program Admission Requirements</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course*	3
COMM 101	Fundamentals of Oral Communication	3
PSYC 101	General Psychology	3
HACT 151	Stress Management	1
MEDA 220	Human Diseases	3
SURT 101	Surgical Concepts*	3
SURT 103	Sterilization Techniques*	3
SURT 105	Surgical Techniques*	5
SURT 108	Surgical Clinical Practicum 1*	1
SURT 110	Leadership for Surgical Tech*	2
SURT 115	Clinical Practicum 2*	4
SURT 140	Beginning Surgical Procedures*	3
SUFA 251	Technical Microbiology*	2
SUFA 293	Wound Closure Techniques*	2
SURT 160	Advanced Surgical Procedures*	3
SURT 285	Surgical Practicum 3*	3
SUFA 288	Surgical Pharmacology*	3
SURT 286	Surgical Practicum 4*	4
SURT 287	Certification Exam Preparation*	2
<b>Total</b>		<b>56</b>
<b>Total Credit Hours Required for this Major:</b>		<b>66</b>

\*Prerequisite or corequisite required,

## SURGICAL FIRST ASSISTANT

Contact: Carrie Nutsch, (208) 732-6715  
cnutsch@csi.edu

The Surgical First Assisting program at the College of Southern Idaho provides advanced training for students who are already Certified Surgical Technologists to achieve a higher level of performance in the operating room. The role of the first assistant is to assist the surgeon by performing advanced technical skills during surgical procedures. At the completion of this nationally accredited program students will earn an Associate of Applied Science. The program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP, 1361 Park Street, Clearwater, FL 33756; Phone: 727-210-2350, Fax: 727-210-2354). Additional information and current application requirements can be found at [http://hshs.csi.edu/surgical\\_firstAssist](http://hshs.csi.edu/surgical_firstAssist)

To promote success on the certification/licensure examination(s), all Required Courses must be passed with a grade of C or better.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/SFA>

**Program Application Required: Yes**

**Sample Career Opportunities:** Surgical Technologists

Associate of Applied Science  
Major Code: 4417A

Course	Course Title	Cr Hrs
<b>Pre-Program Admission Requirements</b>		
ALLH 101	Medical Terminology	2
BIOL 227	Human Anatomy and Physiology 1*	4
BIOL 228	Human Anatomy and Physiology 2*	4
<b>Total</b>		<b>10</b>

<b>Post-Program Admission Requirements</b>		
ENGL 101	English Composition*	3
MATH GE	Any Gen. Ed. Math Course*	3
COMM 101	Fundamentals of Oral Communication	3
PSYC 101	General Psychology	3
HACT 151	Stress Management	1
MEDA 220	Human Diseases	3
SURT 101	Surgical Concepts*	3
SURT 105	Surgical Techniques*	5
SURT 110	Leadership for Surgical Technology*	2
SURT 140	Beginning Surgical Procedures*	3
SUFA 251	Technical Microbiology	2
SUFA 293	Wound Closure Techniques*	2
SURT 160	Advanced Surgical Procedures*	3
SUFA 288	Surgical Pharmacology*	3
SUFA 291	Surgical Complications*	2
SUFA 287	First Assisting Techniques*	3
SUFA 295C	Surgical First Assisting Clinic*	8
ELEC GE	General Education Electives	3
<b>Total</b>		<b>55</b>

**Total Credit Hours Required for this Major: 65**

\*Prerequisite or corequisite required.

## COURSE DESCRIPTIONS

### ADDICTION STUDIES

#### ADDS 101 Substance Abuse Prevention Theory 3 Cr Hrs

This course provides a comprehensive overview of prevention theories and the application of prevention concepts to prevention programming. Topics include a history of substance abuse prevention theory, current prevention theories, prevention resources, model programs and ethics.

#### ADDS 190 Alcohol/Drugs & Society 3 Cr Hrs

This course provides the student with an overview of addiction, causes and consequences and their relation to the individual, family, community, and society. Students will be introduced to the various alternatives regarding prevention, intervention, and treatment. This course will also explain the process of certification in the State of Idaho.

#### ADDS 199 Special Topics 1-5 Cr Hrs

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

#### ADDS 201 Pharmacology of Psychoactive Drugs 3 Cr Hrs

In this course, students will be introduced to human physiology including the systems of the human body, their function and reaction to psycho-active drugs. In addition, students will be introduced to the behavioral, psychological, physical and social effects of psychoactive drugs. The signs, symptoms and the course of substance use disorders will also be examined. Students will learn pharmacology and the biochemistry of commonly abused drugs and how pharmacotherapy can be used in treatment.

#### ADDS 202 Alcohol, Drugs & the Family 3 Cr Hrs

This course will take an in-depth study of the dysfunctional family system and how individuals within the system are impacted. It is designed to introduce students to the major areas of information and skills that will help them work effectively as counselors with chemically dependent families.

#### ADDS 203 Screening & Assessment 3 Cr Hrs

This course will introduce the student to a systematic approach to screening, initial assessment and treatment planning to determine the most appropriate course of treatment action given the client's needs and available resources. This is a collaborative process in which students will learn to value the client's current perspective as well as the stage of readiness for treatment. Students will be expected to synthesize and appropriately document the results of the screening and assessment process.

#### ADDS 204 Counseling Skills 1 3 Cr Hrs

This course is an introduction to counseling. It serves as a foundation for basic counseling skills including: reflecting, paraphrasing, establishing rapport, developing positive regard, summarizing and basic motivational interviewing techniques. Students will be given the opportunity to explore cultural differences in counseling methods and to demonstrate effectiveness in working with cultural differences. Students will role play and demonstrate skills as an integral part of this course.

#### ADDS 205 Case Management 3 Cr Hrs

This course teaches best models of practices in chemical dependency treatment with an emphasis on learning case management procedures such as client record management and referral procedures.



**ADDS 206 HIV/STD & Other Diseases 3 Cr Hrs**

A course designed to introduce students to the epidemiology, biology, treatment, community and counseling issues and other aspects of HIV/AIDS, hepatitis, tuberculosis and sexually transmitted diseases. Students will examine treatment options and prevention strategies. The legal and policy issues that impact infected individuals as well as the larger community will be explored. Students are expected to demonstrate respect for the client and an appreciation of individuals and cultural differences, including sexual orientations. They are also expected to explore their own attitudes and biases about HIV/AIDS, infectious diseases and high risk populations.

**ADDS 207 Ethics for Addiction Counselors 3 Cr Hrs**

A course designed to introduce the student to the established professional codes of ethics that define the context within which the helping professional works. Students will review state law relative to ethical conduct and role play various situations in which ethics are in question. Students are expected to be open to changing personal perspectives and behaviors that may conflict with ethical guidelines. Students will have an opportunity to develop appreciation for professional development, supervision and the importance of maintaining a healthy lifestyle as a counselor. Students are expected to become familiar with what constitutes ethical behavior and the ethical decision making process.

**ADDS 208 Group Process 3 Cr Hrs**

Using a combination of lecture and experiential formats, this course explores the various types and purpose of groups utilized in the field of addiction prevention and treatment. This course helps the student develop a basic understanding of group dynamics and systems, to understand stages of group development and develop foundational skills necessary to facilitate various kinds of groups in the substance abuse prevention and treatment field.

**ADDS 250 Field Placement/Practicum 8 Cr Hrs**

This course provides the student who has completed the required pre-requisite courses with a practical, general workplace experience in the substance abuse treatment field. Students are responsible for obtaining a practicum site with the guidance of the practicum instructor. Students will gain experience through observing, shadowing and participating in a substance abuse treatment agency, under the direct supervision of the practicum instructor and an approved supervisor. Students will receive supervised experience within the 12 core functions, as required by IBADCC. The student will develop individual goals for personal and professional growth with the assistance of their site supervisor and practicum instructor. Upon completion of the field placement and ADDS courses, students may apply to take the Idaho Students of Addiction Studies (ISAS) test offered through the Idaho Board of Drug and Alcohol Certification. Pre-requisites: Successful completion (i.e. grade of "C" or better) of all ADDS courses.

**ALLIED HEALTH****ALLH 101 Medical Terminology 2 Cr Hrs**

This course is designed to introduce the student to the fundamentals of medical terminology. It includes word structure of basic medical/surgical terms and procedures, body parts and organs, selected medical specialties, and commonly used medical abbreviations.

**ALLH 105 Bioethics for Health Professionals 2 Cr Hrs**

This course is an introduction to professional and ethical behaviors of health care team members. Emphasis is placed on the recognition of ethical and unethical behaviors as well as techniques that may be used to help resolve personal conflict and ethical dilemmas.

**ALLH 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional

development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**ALLH 202 Introduction to Allied Health 2 Cr Hrs**

This course is designed to provide a broad understanding of the U.S. health care system and an introduction to the roles of various members of the health team. Current trends in healthcare delivery are briefly discussed. Selected moral, ethical and legal medical dilemmas are included.

**ALLH 210 Human Sexuality 3 Cr Hrs**

This course is an exploration of biological and psychosocial aspects of human sexual behavior. It explores sex in popular culture, reproductive anatomy, communication, gender issues, contraception, sexuality throughout the lifespan, sexual orientation, sexual coercion and other contemporary sexual issues. Emphasis is on developing critical thinking skills from an objective view point and articulating that informed point of view effectively in writing and in class discussion.

**ALLH 220 Fundamentals of Nutrition 3 Cr Hrs**

This course is designed to provide a broad understanding of the basic principles of nutrition and some of the issues and controversies surrounding this body of knowledge. It will identify the essential nutrients and their functions, as well as describe nutritional behaviors that promote optimal nutrition and disease prevention throughout the life cycle. Energy balance, nutrition for fitness, and food safety will be included. At the end of the class, students will assess and evaluate their own diet analysis based on a 5-day food recall and develop a plan for improvement.

**ALLH 230 Healthy Aspects of Aging 3 Cr Hrs**

An examination of the biological, psychological, cultural, and social processes occurring among an aging population. Discussion includes healthy aspects of the aging process. Coverage of problems associated with aging includes issues concerning death and dying.

**DENTAL ASSISTANT****DENA 101 Dental Assisting Theory 1 2 Cr Hrs**

This course is designed to introduce the student to the skills needed in the dental office. The student will be introduced to common procedures, materials, and equipment used in basic dental procedures. Sterilization, infection control, legalities, and responsibilities of the dental assistant are included in this course.

**DENA 101L Dental Assisting Theory 1 Lab 1 Cr Hrs**

This course is the laboratory for DENA 101.

**DENA 103 Dental Anatomy & Terminology 2 Cr Hrs**

This course provides a foundation in the use of correct dental terminology and oral structures. The student gains the basic knowledge required before entering a clinical site. Corequisite: DENA 101.

**DENA 115 Dental Radiology 2 Cr Hrs**

This course is an introduction to methods and principles of radiation safety and techniques applied to dental settings. Topics include the historical background of dental radiology, biological effects of radiation exposure and radiation safety, patient and personal protective measures, intra-oral and extra-oral techniques, processing procedures, infection control, legal and ethical responsibilities, quality assurance, digital radiography, and techniques and management of the child and special needs patient.

**DENA 115L Dental Radiology Lab 1 Cr Hrs**

This course is the companion laboratory course to Dental Radiology DENA 115. The intent of this course is to challenge students to link radiographic theory with clinical practice using individual and group laboratory exercises.

**DENA 135 Community Dental Health 1 Cr Hrs**

This course is designed to introduce dental public health practices. Instruction in basic research, program planning and field work with community groups for dental presentations is emphasized.

**DENA 135C Community Dental Health Clinical 1 Cr Hrs**

This course is designed to allow the student to incorporate the skills learned in the didactic portion of DENA 135 by working in the community and providing health care to a variety of settings including schools, extended care facilities and free clinics.

**DENA 142 Medical Emergencies 2 Cr Hrs**

The course provides the student with the knowledge base and practice in basic emergency management of dental office emergencies. The student will be able to recognize signs and symptoms of emergency conditions and understand the treatment required for the patient.

**DENA 151 Dental Assisting Theory 2 2 Cr Hrs**

The student is introduced to the skills in chair side procedures and assisting in a variety of dental procedures. The student learns selected laboratory procedures including the proper use, maintenance, and safety of laboratory equipment. Pre-requisites: BIOL 105, DENA 101, DENA 103, DENA 115, DENA 135 and DENA 142. Corequisites: DENA 151L and DENA 151C

**DENA 151C Dental Assisting Theory 2 Clinical 4 Cr Hrs**

The student is introduced to the skills in chair side procedures and assisting in a variety of dental procedures by attending clinical hours in local dental offices and the campus clinical facility. Corequisite: DENA 151.

**DENA 151L Dental Assisting Theory 2 Lab 1 Cr Hrs**

This course is the laboratory skills portion of DENA 151. Corequisite: DENA 151.

**DENA 165 Dental Materials 1 Cr Hrs**

This course provides both the theoretical and laboratory/clinical applications of dental materials in the oral environment. From this knowledge base, students learn to understand the role of dental materials in the delivery of preventative and restorative care. The composition, properties, and manipulation of materials used in dentistry, as well as procedures used during application, will be emphasized.

**DENA 165L Dental Materials Lab 1 Cr Hrs**

This course is the laboratory skills portion of DENA 165. Corequisite: DENA 165.

**DENA 175 Dental Practice Management 1 Cr Hrs**

This course is designed to introduce the student to the administrative and business skills needed in a dental office. The student will be introduced to business equipment and its many uses in the dental office. Scheduling appointments, filing insurance claims, accounts receivable and payable as well as product inventory and phone etiquette are included.

**DENA 185 Expanded Functions 1 Cr Hrs**

This course is designed to follow the criteria set forth by the Idaho State Board of Dentistry in completing the Dental Assisting Expanded Functions requirements for the state of Idaho.

**DENA 185C Expanded Functions Practicum 5 Cr Hrs**

This course is designed to follow the criteria set forth by the Idaho State Board of Dentistry in completing the Dental Assisting Expanded Functions requirements for the state of Idaho

**DENA 185L Expanded Functions Lab 2 Cr Hrs**

This course is the laboratory skills portion of DENA 185.

**DENA 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional

development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**DENA S001 Fundamentals of Dental Assisting 0 Cr Hrs**

This course helps advance the student in chair side assistive procedures required in the dental office. Introduction to terminology, basic dental procedures, legal and ethical instruction, and skills taught in this individualized course. The unit exams are given by appointment on campus. *Prerequisite: Employment in a dental office.*

**DENA S004 Expanded Functions Dental Assisting 0 Cr Hrs**

Topics covered are Polishing Restorations, Temporary Crowns, Pit and Fissure Sealants, Coronal Polishing, and Nitrous Oxide. Final exam in each area requires a clinical and written component. These exams are given by appointment on campus. *Prerequisite: DENA 001 and at least 6 months continuous employment in a dental office.*

## DENTAL HYGIENE

**DENH 101 Introduction to Dental Hygiene 2 Cr Hrs**

This Course is designed to introduce the student to the basic components of Dental Hygiene practice. Various methods and principles to prevent disease transmission will be instructed. The chain of infection control affecting the dental office environment will be demonstrated and developed. Topics include blood borne pathogens, federal regulations, dental office asepsis protocol, with chemical and emergency plans. Basic assessments competency of exposure control protocols, instrumentation techniques, and oral hygiene development. The use and care of dental instruments and equipment will be demonstrated and evaluated. Corequisite: DENH 101C.

**DENH 101C Dental Hygiene Clinic 1 3 Cr Hrs**

This course is taken in conjunction with DENH 101. Clinical dental hygiene will be focused on developing the skills necessary for delivery of preventive, educational, and therapeutic services to the public. In this course students will learn the processes of comprehensive care, assessment of patient needs, formulation of a dental hygiene care plan, and planning for the prevention and treatment of oral disease.

**DENH 115 Dental Radiology 2 Cr Hrs**

This Course is an introduction to methods and principles of radiation safety and techniques applied to dental settings. Topics include the historical background of dental radiography, biological effects of radiation exposure and radiation safety, patient and personal protective measures, intra-oral and extra-oral techniques, processing procedures, infection control, legal and ethical responsibilities, quality assurance, digital radiography, and techniques and management of the child and special needs patient.

**DENH 115L Dental Radiology Lab 1 Cr Hrs**

This course is the companion laboratory course to Dental Radiology DENH 115. The intent of this course is to challenge students to link radiographic theory with clinical practice using individual and group laboratory exercises. Topics include: radiation safety and techniques patient and personal protective measures, intra-oral and extra-oral techniques, processing procedures, infection control, legal and ethical responsibilities, quality assurance, digital radiography, and techniques and management of the child and special needs patient.

**DENH 122 Dental Head and Neck Anatomy 2 Cr Hrs**

This course provides a detailed study of structures of the human head and neck with special emphasis on the nerve and vascular supply, muscles of mastication, bones of the skull, and the oral cavity. This course gives an overview of the anatomical considerations for local Anesthesia. Students will enhance their knowledge of the spread of dental infections and preventative measures for patient education.

**DENH 132 Dental Anatomy Embryology & Histology 2 Cr Hrs**

This course includes lecture and study activities on the complete morphology and nomenclature of human dentition. Topics include normal anatomy and physiology of the teeth, histology of the teeth and oral structures and embryological development of the oral cavity.

**DENH 142 Medical Emergencies 2 Cr Hrs**

The course provides the student with the knowledge base and practice in basic emergency management of dental office emergencies. The student will be able to recognize signs and symptoms of emergency conditions and understand the treatment required for the patient.

**DENH 151 Dental Hygiene Theory 2 3 Cr Hrs**

Students will continue to develop instrumentation skills, treatment planning, patient education and assessment procedures. Didactic and clinical instruction will present an emphasis on hard and soft deposit removal and preparation for clinical patients. The student will develop knowledge and skills in patient education and motivational techniques, nutritional counseling, assisting disabled dental patients and tobacco cessation counseling. Patient care with limited periodontal needs begins. The student will demonstrate clinical skills with the child, adolescent, adult and geriatric patients. Corequisite: DENH 151C.

**DENH 151C Dental Hygiene Clinic 2 4 Cr Hrs**

This course is taken in conjunction with DENH 151. It will be a continuation of clinical skills, enhancement of instrumentation, assessment procedures, treatment planning and patient education. Didactic and clinical instruction will present an emphasis on hard and soft deposit removal in preparation for clinical patients.

**DENH 165 Dental Materials 1 Cr Hrs**

This course provides both the theoretical and laboratory/clinical applications of dental materials in the oral environment. From this knowledge base, students learn to understand the role of dental materials in the delivery of preventative and restorative care. The composition, properties, and manipulation of materials used in dentistry, as well as procedures used during application, will be emphasized.

**DENH 165L Dental Materials Lab 1 Cr Hrs**

This course provides both the theoretical and laboratory/clinical applications of dental materials in the oral environment. From this knowledge base, students learn to understand the role of dental materials in the delivery of preventative and restorative care. The composition, properties, and manipulation of materials used in dentistry, as well as procedures used during application, will be emphasized.

**DENH 175 Dental Pharmacology 3 Cr Hrs**

This Course will provide the dental hygiene student with the necessary knowledge of pharmacology to assess for medical illnesses, adverse reactions, and drug interactions that may interfere with dental treatments and oral health care. It is not intended that the dental hygienist take the place of the dentist in providing the patient with information about medication, but to work with the dentist in providing appropriate care to the patient. Topics include drug actions and interactions, autonomic pharmacology, local and general anesthetics, antimicrobial medications, non-narcotic and analgesics, fluorides, treatment of medical disorders, infectious disease pharmacology, antineoplastic drugs, drug use during pregnancy and lactation, and substance abuse. Competence of these topics and the relationship of drugs to the practice of dentistry will be evaluated.

**DENH 185 Oral Pathology 3 Cr Hrs**

This course includes lecture and study activities on the nomenclature of Dental Pathology. Topics include general appearance and definitions of lesions, clinical features of neoplasm's and oral manifestations of a spectrum of diseases. Students will apply and develop skills in differential diagnosis and documentation of lesions/conditions using case studies.

**DENH 190 Periodontics 1 3 Cr Hrs**

Periodontics is a specialty of dentistry that includes the prevention and diagnosis of disease. This Course will study normal periodontium, periodontal pathology, etiology and principles of periodontal disease, examination procedures, and principles of periodontal therapy, non-surgical periodontal therapy and prevention modalities. American Academy of Periodontology classifications will be studied.

**DENH 201 Dental Hygiene Theory 3 3 Cr Hrs**

DENH 201 and DENH 201C are to be simultaneously registered. These two courses will be taken together. Lecture and instructional lab will focus on the dental hygiene process of care, advanced instrumentation techniques and treatment of the moderate to advanced periodontal patient.

**DENH 201C Dental Hygiene Clinic 3 4 Cr Hrs**

DENH 201 and DENH 201C are to be simultaneously registered. These two Courses will be taken together. Lecture and instructional lab will focus on the dental hygiene process of care, advanced instrumentation techniques and treatment of the moderate to advanced periodontal patient.

**DENH 215 Pain Control and Methodology 2 Cr Hrs**

This course teaches the theories and practices of local anesthesia and nitrous oxide conscious sedation. The Student will review anatomy, physiology, pharmacology, and emergency procedures associated with local anesthesia and Nitrous Oxide conscious Sedation. Corequisite: DENH 215L.

**DENH 215L Pain Control and Methodology Lab 1 Cr Hrs**

The Lab experience will prepare the students for administration of local anesthesia for dental hygiene procedures. Demonstration with laboratory and clinical experience in administration of local anesthesia and Nitrous Oxide conscious sedation.

**DENH 235 Community Dental Health 1 Cr Hrs**

This course is designed to introduce dental public health practices. Instruction in basic research, program planning and field work with community groups for dental presentations is emphasized.

**DENH 245 Periodontics 2 3 Cr Hrs**

The student will study the treatment of moderate to advanced periodontal disease. The course will review occlusion, TMJ disorders and restorative effects on the periodontium. Other topics developed are periodontal surgery, dental implants, maintenance modalities, periodontal emergencies and a discussion of current periodontal research articles. Students will be required to shadow a periodontal specialty office to observe patient care and treatment.

**DENH 251 Dental Hygiene Theory 4 3 Cr Hrs**

This course will develop student's skills to recognize and utilize information presented in case studies. Assess medical conditions, oral conditions and recommend appropriate treatment planning with instructional aides. Medical emergencies, eating disorders and Illegal drug use will be the instructional content in lecture materials.. Corequisite: DENH 251C.

**DENH 251C Dental Hygiene Clinic 4 4 Cr Hrs**

This course is taken in conjunction with DENH 251. Clinical Dental Hygiene will focus on the dental hygiene process of care, advanced instrumentation techniques and treatment of the moderate to advanced periodontal patient. Recognizing medical emergencies, identifying eating disorders and illegal drug use will be demonstrated and developed.

**DENH 265 Special Needs Patients 1 Cr Hrs**

This course is designed to strengthen the student's knowledge base and skills in assessment, diagnosis, planning and treatment of dental patients with developmental disabilities, complex medical problems and significant physical limitations. Activities and case studies will



develop critical thinking and problem solving skills for care of the patient and their special needs: prevention of dental office emergencies: and selection of treatment protocols will be important factors.

**DENH 270 Community Dental Health 2 Cr Hrs**  
This course emphasizes planning and implementing educational programs in community dental health.

**DENH 280 Legal and Ethical Issues 2 Cr Hrs**  
This course provides a profile of the dental hygienist within a legal and ethical framework. Examines state practice acts. Students will explore the responsibilities involved in hygienist/patient and employer relationships. The student will investigate the legal ramifications of a variety of practice settings. Case studies will be used for clarification models to encourage ethical and professional development.

**DENH 295 Testing and Board Reviews 1 Cr Hrs**  
This Course is intended for the dental hygiene students who will be preparing to take the National Board Examination. They will study the moderate to advanced periodontal patient, selection of surgical procedures and maintenance. The course reviews periodontal and restorative considerations, occlusion and TMJ disorders, periodontal surgery, dental implants and maintenance, periodontal emergencies and a review of evidenced-based periodontal research. This course will build experience in exam preparation and confidence. The Interactive system and text are designed to review and prepare each student for the National Dental Hygiene Board Examination.

## EMERGENCY MEDICAL TECHNOLOGY

**EMEM 102 Emergency Medical Technician 8 Cr Hrs**  
This course is a lecture study of the National EMS Education Standards for the Emergency Medical Technician including: Preparatory, Pharmacology, Assessment, Airway, Shock and Resuscitation, Medical Emergencies, Trauma, Special Patient Populations and EMS Operations. Corequisite: EMEM 102L

**EMEM 102L EMT Lab\* 2 Cr Hrs**  
This is a lab study and clinical experience of National EMS Education Standards of the Emergency Medical Technician including: Preparatory, Pharmacology, Assessment, Airway, Shock and Resuscitation, Medical Emergencies, Trauma, Special Patient Populations, and EMS Operations. Corequisite: EMEM 102.

**EMEM 106 Advanced EMT 1\* 6 Cr Hrs**  
This course is the study of Advanced Emergency Medical Technician curriculum including: Preparatory, Pharmacology, Assessment, Airway, Shock and Resuscitation, and Medical Emergencies. Prerequisites: Current EMT certification, EMEM 102, EMEM 102L and Instructor Permission. Corequisites: EMEM 106L and EMEM 106C.

**EMEM 106L Advanced EMT Lab 1\* 3 Cr Hrs**  
This laboratory is the study of Advanced Emergency Medical Technician curriculum including: Preparatory, Pharmacology, Assessment, Airway, Shock and Resuscitation, and Medical Emergencies. Corequisites: EMEM 106 and EMEM 106C.

**EMEM 106C Advanced EMT Clinical 1\* 3 Cr Hrs**  
This course introduces students to the Hospital Clinical Experience for Advanced Emergency Medical Technician curriculum. Corequisites: EMEM 106 and EMEM 106L

**EMEM 108 Advanced EMT 2\* 6 Cr Hrs**  
This course is the study of the National EMS Education Standard for the Advanced Emergency Medical Technician including Trauma, Special Patient Populations, and EMS Operation. Prerequisite: EMEM 106, EMEM 106L, EMEM 106C, and Instructor Permission. Corequisite: EMEM 108 and EMEM 108C.

**EMEM 108L Advanced EMT Lab 2\* 3 Cr Hrs**  
This Lab Study of the National EMS Education Standard for the Advanced Emergency Medical Technician including Trauma, Special Patient Populations, and EMS Operation. Corequisites: EMEM 108 and EMEM 108C.

**EMEM 108C Advanced EMT Clinical/Internship 2\* 3 Cr Hrs**  
This course is the Hospital Clinical and Ambulance Internship Experience for Advances Emergency Medical Technician Curriculum. Corequisites: EMEM 108 and EMEM 108L.

**EMEM 199 Special Topics 1-5 Cr Hrs**  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

## MEDICAL ASSISTANT

**MEDA 109 Pharmacology 2 Cr Hrs**  
Medical Assistant students will study drug therapy including dosage calculations and principles for administering medications. Administration of medications will be implemented within clinical experience and within the scope of practice. The course will be a combination of therapy and practical clinical experiences. Prerequisite: Placement in the Medical Assistant program or instructor permission. Corequisites: MEDA 131, MEDA 233, MEDA 233L.

**MEDA 131 Medical Office Procedures 5 Cr Hrs**  
Students in Medical Office Procedures will study medical law and ethics, communication, human relations, telephone procedures, scheduling appointments, and medical records management. The course also includes the study of coding and billing professional fees and credit, collection, financial records, and health insurance. Prerequisite: Placement in the Medical Assistant Program. Corequisites: MEDA 109, MEDA 233, MEDA 233L.

**MEDA 199 Special Topics 1-5 Cr Hrs**  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**MEDA 201 Integrated Medical Procedures 3 Cr Hrs**  
Students are given an awareness of professional responsibilities of the medical assistant. Leadership and community awareness qualities are explored in this course. Students will study medical office management and practicum selection, preparation, and placement. Integrated Medical Procedures combines preparing for the certification examination, using information management systems, charting and documentation, and patient teaching. Students will comply with the Health Information Portability and Accountability Act, legal concepts and practice demonstrate communication techniques in cooperation with their practicum. Students will participate in developing community resources, and participate in service projects. Students will also participate in job skills training including perform job application and interview preparation skills. Prerequisite: MEDA 109, MEDA 131, MEDA 233, MEDA 233L. Corequisites: MEDA 234, MEDA 234L, MEDA 235.

**MEDA 220 Human Diseases 3 Cr Hrs**  
This course focuses on human diseases that are frequently first diagnosed or treated in the medical office or clinic setting. The course provides an overview of the disease process and is organized by a



systems approach. It provides a description of diseases, etiology, signs and symptoms, diagnostic procedures, treatment, and prevention. Prerequisite: Placement in the Medical Assistant program or Surgical Technology program or Surgical First Assistant program or instructor's permission.

**MEDA 233 Clinical Procedures 1 5 Cr Hrs**

Students will learn to assist physicians with patient care including preparing patients for exams and assisting with a variety of clinical medical assisting skills. These skills include infection control, recording vital signs, preparing patients for various general and specialty examinations, performing EKG's, performing pulmonary testing, obtaining visual and auditory testing, sterilizing instruments, setting up for minor office surgery, as well as assisting with specialty examinations and treatments. Prerequisite: Placement in the Medical Assistant Program. Corequisites: MEDA 109, MEDA 131, MEDA 233L Lab.

**MEDA 234 Clinical Procedures 2 3 Cr Hrs**

This course is a continuation of clinical medical assisting skills with emphasis on tasks such as preparation and administration of medications, phlebotomy, collecting and processing laboratory specimens. Prerequisite: MEDA 109, MEDA 131, MEDA 233, MEDA 233L. Corequisites: MEDA 201, MEDA 234L Lab, MEDA 235.

**MEDA 235 Medical Assisting Practicum 4 Cr Hrs**

Students are placed in an ambulatory healthcare setting for a 180-hour non-paid educational experience. During the practicum, students are supervised and evaluated on performance of psychomotor and affective administrative and clinical competencies. Students will maintain a practicum journal, communicating with practicum coordinator each day they perform hours at their practicum site. They will maintain all records for practicum and complete and exit interview with coordinator when practicum hours are complete. Prerequisite: Placement in the Medical Assistant Program, MEDA 109, MEDA 131, MEDA 233, MEDA 233L. Co-requisite: MEDA 201 MEDA 234, MEDA 234L.

**NURSING ASSISTANT-  
HEALTH WORKFORCE TRAINING**

**NURA 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**NURA 285 Cooperative Education 3-5 Cr Hrs**

Cooperative study is available to the CNA, Pharmacy Technician, and others. It allows the student to apply learning to real life career possibilities at various health care facilities. Students will be matched to employment sites based on career interests, skill, and interest of the student. Evaluation, grading, and granting of advanced certification will be based on written learning objectives agreed upon by the student, the instructor, and a preceptor at the learning site. Prerequisite: Instructor permission.

**NURA S001 Certified Nursing Assistant 0 Cr Hrs**

This course offers an introduction to the health care field. Learners are provided with experiences in the classroom and in the clinical area and result in the development of basic competencies required of nursing assistants for a total of 120 hours. The course provides the learner with skills that are prerequisite to specific areas of health care. Completion of this training program is required by federal regulations in order to be employed in skilled nursing facilities. Completion of the training will prepare the student for the clinical skills examination and the written test.

**NURA S002 Train the Trainer-Instructor Development 0 Cr Hrs**

This course is taught in a self-paced format. During the course the student explores characteristics of the adult learner, prepared course objectives, teaches and videotapes a class, and prepares evaluation materials. Prerequisite: Permission of instructor.

**NURA S008 CNA Skills Competency Test 0 Cr Hrs**

The manual skills certificate is a requirement of the Nursing Assistant Registry of Health and Welfare. The skills examination is the first testing segment of the requirements to become a Certified Nursing Assistant. Prerequisite: NURA S001 or instructor permission.

**NURA S009 CNA Written Test 0 Cr Hrs**

Passing the CNA written test is the final requirement of the Nursing Assistant Registry of Health and Welfare. The CNA skills test (NURA S008) must be completed and passed prior to taking the written test.

**NURA S014 Assistance with Medications 0 Cr Hrs**

This course is required by Health & Welfare for health care employees working in Assisted Living situations. The course covers legalities, medical terminology and skills essential to help a person consume medications.

**NURA S030 CPR 0 Cr Hrs**

The American Heart Association CPR 4 hour course targets all lay rescuers, such as school children, family members of patients at risk for sudden cardiac death, and other laypersons who want to learn rescue skills for loved ones. The course teaches rescuers skills in CPR and relief of FBAO, in adults and infants. In addition, it presents information about the AHA Adult Chain of Survival, and signs of heart attack, cardiac arrest, stroke, and choking in adults.

**NURA S031 CPR & First Aid 0 Cr Hrs**

The American Heart Association Cardio Pulmonary Resuscitation and the Standard First Aid are delivered for 6 hours. CPR methods for infants, children, and adults are included.

**NURA S032 CPR Health Care Provider 0 Cr Hrs**

The American Heart Association Cardio Pulmonary Resuscitation course is delivered for 4 hours. CPR methods for infants, children, and adults are included.

**NURA S033 Phlebotomy 0 Cr Hrs**

This course offers experience with the collection of body fluids, laboratory procedures, and skills necessary to enter the health care force as a phlebotomist. This course prepares the student to take the national certification exam. There is a prerequisite of CNA or EMT which leads to the required 160 hours of class, lab and clinical.

**NURA S050 Pharmacy Technician 0 Cr Hrs**

This course is a one semester course that meets for 35 hours to prepare the student to take the National Certification Exam for Pharmacy Technicians. Students are expected to be proficient in basic algebra. Students will be prepared to start their job search in a pharmacy setting.

**NURA S099 Nursing Education Workshop 0 Cr Hrs**

Workshops, seminars, and other special instructional activities designed to increase knowledge and skills of nursing administrators and licensed staff.

**PRACTICAL NURSING**

**NURP 106 Fundamentals 5 Cr Hrs**

This course introduces basic concepts, principles, and theories of nursing practice with an emphasis on the five components of the Nursing Process. Students are introduced to basic concepts of client safety, communication, critical thinking, ethical and legal considerations, cultural diversity and research as they apply to the nursing care of adult clients. Psychomotor nursing skills are taught in a supervised lab setting. This course includes both theory and lab components.

**NURP 110 Pharmacology for Practical Nurses A 1 Cr Hrs**

This Course covers drug therapy for medical diseases/disorders covered in NURP 120. It is designed to be taken in conjunction with NURP 120 (Medical Surgical I). Review of mathematics for computing dosage, principles for administration of medications, and responsibilities of licensed practical nurses administering medications are identified. Corequisite: NURP 120.

**NURP 111 Pharmacology for Practical Nurses B 1 Cr Hrs**

This Course covers drug therapy for medical diseases/disorders covered in NURP 121. It is designed to be taken in conjunction with NURP 121 (Medical Surgical II). Review of mathematics for computing dosage, principles for administration of medications, and responsibilities of licensed practical nurses administering medications are identified. Corequisite: NURP 121.

**NURP 115 Medication Administration for PN 1 Cr Hrs**

This course will assist the practical nursing student in learning safe medication administration across the lifespan. Emphasis will be on developing nursing knowledge in the calculation, preparation, safe administration, and documentation of multiple forms of drugs. The legal, ethical, and safety principles of medication administration are included, as well as the roles and competencies of the practical nurse as they relate to medication administration.

**NURP 120 Medical Surgical A 5 Cr Hrs**

Students study the common diseases and disorders of patients and the appropriate nursing measures (physical, emotional, and psychological) these varied conditions require. The nursing process is utilized as a basis for assessment, planning, implementation, and evaluation of a patient's needs. This includes meeting the needs of a dying patient and their family. Patient teaching on health, learning to live with various conditions, and rehabilitation nursing are included. The setting is acute care. Clinical experiences include patients in all age groups. Emphasis is placed on the elderly population. Prerequisite: NURP 106. Corequisite NURP 110 and NURP 130.

**NURP 121 Medical Surgical 2 5 Cr Hrs**

This course is the continuation of NURP 120. Clinical experience emphasizes acute medical-surgical care with exposure to ancillary hospital services, i.e. operating room and various therapies including physical, speech, occupational, and respiratory. Prerequisite: NURP 120. Corequisite: NURP 111.

**NURP 135 Developing Family 4 Cr Hrs**

This course will Introduce health issues specific to women throughout the lifespan as well as pediatric patients from newborn to adolescence. A Study of nursing cares to meet the needs of these unique individuals and their families during growth and development will be emphasized to preserve, promote, and restore their overall health status. The nursing process of assessment, planning, implementation, and evaluation of care is utilized to meet the needs of these patients.

**NURP 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**NURP 225 Nursing Care of the Elderly 2 Cr Hrs**

This course covers care of the elderly client. The overview will include normal physical, psychological, preventative measures, as well as restorative measures for the elderly client. Topics will include end of life care and care of the elderly in various healthcare environments. Common disease processes of the elderly will be discussed as well as the effect and healing processes associated with ill or injured elderly clients.

**NURP 230 Transition to Practice 2 Cr Hrs**

This course facilitates leadership and practicum of the practical nurse as the graduate completes the program of study and transitions from school to work. Students will have the opportunity to work with collaborative partners in a leadership role. Students will work one to one with a licensed mentor to experience realistic work practices and nursing duties.

**REGISTERED NURSING****NURR 100 LPN Transition 1 Cr Hrs**

This course covers the RN role in nursing process, patient education, communication, and building therapeutic relationships. The student is introduced to CSI's approach to nursing education. Identification of nursing process, defense mechanisms, fluid and electrolyte balance and imbalance, and care of patients with mental health problems. This is an hybrid theory course. Prerequisite: IV Certification or LPN who has been accepted into A.D.N. program as a transition student.

**NURR 101 Beginning Nursing Intervention 7 Cr Hrs**

First course in nursing sequence, includes theory, clinical, teaching/learning and practice laboratories, and emphasizes the development of communication skills, caring, human behavior throughout the life span, self awareness skills, and community exploration. The student is introduced to and begins application of the nursing process. Normal nutrition, medical terminology, and pharmacology are integrated throughout the course. Prerequisite: Admission to the RN program, high school Chemistry (2 semesters) or CHEM 101, ENGL 101, and 5-6 other credit hours from required general education courses.

**NURR 104 Mental Health Nursing 4 Cr Hrs**

The focus of this theory and clinical course is on caring for patients and families throughout the life span and includes clients with deviations in mental health. Therapeutic nutrition, medical terminology, and pharmacology content are integrated. Prerequisite: NURR 101, BIOL 227 and PSYC 101.

**NURR 105 Intermediate Medical-Surgical Nursing 5 Cr Hrs**

The focus of this theory and clinical course is on caring for patients and families throughout the life span and includes clients with deviations in physical health. Therapeutic nutrition, medical terminology, and pharmacology content are integrated. Prerequisite: NURR 101, BIOL 227 and PSYC 101.

**NURR 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**NURR 201 Advanced Nursing Intervention 10 Cr Hrs**

The focus of this course is the nursing care of the patients with medical/surgical health deviations; with emphasis on pathophysiology. This course includes theory, clinical and teaching/learning laboratories. Therapeutic nutrition, pharmacology, and medical terminology are integrated throughout the course. Prerequisite: NURR 104, NURR 105, and all science courses.

**NURR 202 Issues in Professional Nursing 1 Cr Hrs**

The student explores current issues facing nursing in today's complex health care delivery system. Topics include legal and ethical roles of the nurse, economics of health care, RN licensure, coping skills for the new graduate and licensed professional nurse. Prerequisite: NURR 104 and NURR 105. Corequisite: NURR 201.

**NURR 204 Maternal/Child Nursing 4 Cr Hrs**

The focus of this theory and clinical course is the nursing care during childbearing and deviations in childbearing. Therapeutic nutrition, pharmacology, and medical terminology are integrated throughout the content. Prerequisite: All General Education Courses, NURR 201 and NURR 202.

**NURR 206 Advanced Med-Surg Intervention 2 4 Cr Hrs**

The focus of this theory and clinical course is nursing care of the patients with advanced medical/surgical health deviations, with emphasis on pathophysiology. Therapeutic nutrition, pharmacology and medical terminology are integrated throughout the course. Prerequisite: All General Education Courses, NURR 201 and NURR 202.

**NURR 208 Professional Nursing Transition 3 Cr Hrs**

The theory segment of this course is online. The student experiences setting priorities for a group of patients and delegating to health team members based on those priorities. Students also gain experience organizing and caring for an increased number of patients. The segment of clinical learning is a preceptorship during which the student works on a one-to-one basis with a registered nurse preceptor. Prerequisite: All General Education Courses, NURR 201 and NURR 202.

**PARAMEDIC****PARA 101 Paramedic 1 9 Cr Hrs**

This course is an in-depth study of modules 1-4 of the US DOT National Standard EMT-P Curriculum. Topics include paramedic roles and responsibilities, ethics, medical legal issues, pathophysiology, pharmacology, IV therapy, medication administration, patient assessment, advanced airway management, and trauma care. Prerequisite: ENGL 101, Any Gen. Ed. Math, BIOL 105, or BIOL 227 and 228, acceptance to the paramedic program, and EMT-B certification. Corequisites: PARA 101L and PARA 101C.

**PARA 101C Paramedic 1 Clinical 2 Cr Hrs**

This course is clinical lab for PARA 101. Corequisite: PARA 101.

**PARA 101L Paramedic 1 Laboratory 3 Cr Hrs**

This course is lab for PARA 101. Corequisite PARA 101

**PARA 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**PARA 201 Paramedic 2 9 Cr Hrs**

This course is an in-depth study of modules 5-7 of the US DOT National Standard EMT-P Curriculum. Topics include pulmonology, cardiology, neurology, endocrinology, allergic reactions, gastroenterology, urology, toxicology, substance abuse, hematology, environmental emergencies, infectious diseases, psychiatric and behavioral emergencies, gynecology, obstetrics, pediatrics, geriatrics, abuse and assault, patients with special challenges, acute interventions in chronic care patients, and assessment based management. Prerequisite: PARA 101, PARA 101L, PARA 101C. Corequisite: PARA 201L and PARA 201C.

**PARA 201C Paramedic 2 Clinical 4 Cr Hrs**

Clinical for PARA 201. Corequisite: PARA 201 and PARA 201L.

**PARA 201L Paramedic 2 Laboratory 4 Cr Hrs**

Lab for PARA 201. Corequisite: PARA 201 and PARA 201C.

**PARA 244 Paramedic 3 2 Cr Hrs**

This course is a study of module of the US DOT National Standard EMT-P Curriculum. Topics include ambulance operations, medical incident command, rescue awareness and operations, Hazardous

materials incidents, and crime scene awareness. Prerequisite: PARA 201, PARA 201L, and PARA 201C. Corequisite: PARA 244L and PARA 244.

**PARA 244C Paramedic 3 Clinical/Field Internship 9 Cr Hrs**

Lab for PARA 244. Prerequisite: PARA 244 and instructor permission.

**PARA 244L Paramedic 3 Laboratory 1 Cr Hrs**

Lab for PARA 244. Corequisite: PARA 244.

**PARA 248 Prehospital Emergency Pharmacology 2 Cr Hrs**

This is an online pharmacology course that studies the principles of emergency prehospital pharmacology. Topics include drug origins, sources, pharmacodynamics, pharmacokinetics, medical legal aspects, preparation, dose calculations, administration, indications, contraindications, dosages, and side effects of commonly used prehospital medications. Prerequisite: Current EMT-P or 3rd semester EMT-P student (Biology 105 or Biology 227 and 228, Any Gen. Ed. Math and English 101).

**PARA 285 EMS Externship 3 Cr Hrs**

Course is an application based experience which enables students to gain more experience in the EMS and Emergency Department environments.

**PHYSICAL THERAPIST ASSISTANT****PTAE 101 Physical Therapy in Health Care 2 Cr Hrs**

This course studies the role of physical therapy in the health care world. Discussions include the role of the physical therapist assistant (PTA), the relationship between the PTA and the physical therapist (PT), and the delivery of physical therapy care. An introduction to the "patient/client" and the overall health care team is included. Health care ethics, standards specific to physical therapist assistants, diverse patient populations, and other topics are explored. Only those students who have been accepted into the Physical Therapist Assistant Program are eligible to register for this course. Corequisites: PTAE 107, PTAE 110, PTAE 112.

**PTAE 107 Kinesiology 2 Cr Hrs**

The study of human movement and the functional anatomy of the human body are learned in this course. The framework of musculoskeletal anatomy, muscle stabilization, balance, and function in daily activities is applied to physical therapy care. Normal and abnormal mechanics of body movement is explored. Students analyze tasks that span from simple activities of daily living to more complex occupational and athletic tasks. Includes lab. Only those students who have been accepted into the Physical Therapist Assistant Program are eligible to register for this course. Corequisites: PTAE 101, PTAE 110, PTAE 112.

**PTAE 107L Kinesiology Lab 2 Cr Hrs.**

Students enrolled in this laboratory course will learn how to perform the skills that are complementary to the content provided in the theory course (PTAE 107). Example skills include palpation, posture and movement analysis, and principles of human gait. Corequisites: PTAE 107

**PTAE 110 Principles and Procedures of PT 1 Cr Hrs**

This course develops competencies in treatment interventions used by physical therapist assistants. The rationale for treatment, progression of treatment, and working under the direction of the physical therapist, are emphasized. Students learn skills such as, bed mobility, range of motion, transfers, gait training, assistive device use, and wheelchair mobility. Infection control and safety for patients, self, and others are emphasized. Includes lab. Only those students who have been accepted into the Physical Therapist Assistant Program are eligible to register for this course. Corequisites: PTAE 101, PTAE 107, PTAE 112.



**PTAE 110L Principles and Procedures of PT Lab 2 Cr Hrs**  
Students enrolled in this laboratory course will perform hands-on skills essential to patient treatment as listed above in PTAE 110. Corequisites: PTAE 110.

**PTAE 112 Clinical Pathology I 1 Cr Hrs**  
An overview of basic disease progression and classification with special emphasis in the inflammatory response are presented in this course. Musculoskeletal and nervous system pathologies treated with physical therapy interventions are explored. Common therapeutic treatments and care for these pathologic conditions is learned. Only those students who have been accepted into the Physical Therapist Assistant Program are eligible to register for this course. Corequisites: PTAE 101, PTAE 107, PTAE 110.

**PTAE 202 Therapeutic Modalities 2 Cr Hrs**  
This course provides an in-depth understanding of therapeutic modalities used as adjuncts to physical therapy interventions. Students develop competence in the application of therapeutic modalities including heat, cold, electrotherapy, intermittent compression, massage, traction, and ultrasound. The use of hydrotherapy and various treatments for wound care are explored. Evidenced-based practice and indications/contraindications are emphasized. Includes lab. Only those students who have successfully completed all previous PTAE courses are eligible to register for this course. Corequisites: PTAE 203, PTAE 205, PTAE 211, PTAE 245.

**PTAE 202L Therapeutic Modalities Lab 2 Cr Hrs**  
Students enrolled in this laboratory course will learn how to perform the skills that are complementary to the content provided in the theory course. The application of hot and cold packs, ultrasound, electrical stimulation, and others as listed above (PTAE 202) are performed to competency. Corequisites: PTAE 202.

**PTAE 203 Therapeutic Exercise 1 Cr Hrs**  
This course presents strengthening and conditioning principles and how these principles relate to rehabilitation of dysfunction. Students will learn how range of motion, strength, endurance, power, speed, agility, balance, proprioception and kinesthesia relate to function and rehabilitation. Includes lab. Only those students who have successfully completed all previous PTAE courses are eligible to register for this course. Corequisites: PTAE 202, PTAE 205, PTAE 211, PTAE 245.

**PTAE 203L Therapeutic Exercise Lab 2 Cr Hrs**  
Students enrolled in this laboratory course will learn how to perform the skills that are complementary to the content provided in the theory course (PTAE 203). the exercise prescription will be applied through the use of equipment and hands-on techniques. Corequisites: PTAE 203.

**PTAE 205 Orthopedic Rehabilitation 1 Cr Hrs**  
This course emphasizes development, progression, and understanding of therapeutic exercise and other treatment practices for patients with musculoskeletal pathologies. Includes lab. Only those students who have successfully completed all previous PTAE courses are eligible to register for this course. Corequisites: PTAE 202, PTAE 203, PTAE 211, PTAE 245.

**PTAE 205L Orthopedic Rehabilitation Lab 1 Cr Hrs**  
Students enrolled in this laboratory course will learn how to perform the skills that are complementary to the content provided in the theory course (PTAE 205). Further practice in orthopedic exercise based on pathology and the healing process will be performed. Students will learn exercise progression and techniques for application. Corequisites: PTAE 205.

**PTAE 211 Data Collection 1 Cr Hrs**  
Students develop competence in the skills of measurements used in physical therapy. The use of goniometers, blood pressure cuffs, grip meters, and other tools of measurement are included. Analyzing gait, posture, and measuring muscle strength are included. Lab assessments include the reporting of observable and measurable data and their significance to patient progress. Emphasis is given to effective oral and written communication for reporting and documentation. Only those students who have successfully completed all previous PTAE courses are eligible to register for this course. Corequisites: PTAE 202, PTAE 203, PTAE 205, PTAE 245.

**PTAE 211L Data Collection Lab 2 Cr Hrs**  
Students enrolled in this laboratory course will learn how to perform the skills that are complementary to the content provided in the theory course. Competencies in the above-listed skills (PTAE 211) will be practiced, demonstrated, and assessed. Corequisites: PTAE 211.

**PTAE 212 Clinical Pathology 2 2 Cr Hrs**  
A continuation of Clinical Pathology I with further exploration of pathologies that include oncology, developmental and genetic diseases, hemodynamic disorders, nutritional pathology, infectious disease, cardiovascular, pulmonary disorders, lymphatic, endocrine, and dermatological disorders. Includes physical therapy interventions. Only those students who have successfully completed all previous PTAE courses are eligible to register for this course. Corequisites: PTAE 215, PTAE 217, PTAE 220.

**PTAE 215 Special Populations 1 Cr Hrs**  
Students are introduced to the therapeutic principles and practices underlying the treatment of patients with burns, amputations, cardiopulmonary pathologies and considerations, women's health issues, and selected age-specific disorders. Includes lab. Only those students who have successfully completed all previous PTAE courses are eligible to register for this course. Corequisites: PTAE 212, PTAE 217, PTAE 220.

**PTAE 215L Special Populations Lab 2 Cr Hr**  
Students enrolled in this laboratory course will learn how to perform the skills that are complementary to the content provided in the theory course. Common patient treatment techniques are practiced for the pathologies listed above (PTAE 215). Corequisites: PTAE 215.

**PTAE 217 Neurological Rehabilitation 2 Cr Hrs**  
This course guides students through the principles and practices used in the rehabilitation of individuals with neurological conditions. The principles incorporate musculoskeletal and neurological therapeutic exercise across the lifespan. Proprioceptive neuromuscular facilitation, neurodevelopmental theory and other facilitation techniques are learned. Pediatric training for developmental conditions are explored. Includes lab. Only those students who have successfully completed all previous PTAE courses are eligible to register for this course. Corequisites: PTAE 212, PTAE 215, PTAE 220.

**PTAE 217L Neurological Rehabilitation Lab 2 Cr Hrs**  
Students enrolled in this laboratory course will learn how to perform the skills that are complementary to the content provided in the theory course (PTAE 217). Therapeutic exercise, treatment plans, and skill competencies related to the neuromuscular system are emphasized. Corequisites: PTAE 217.

**PTAE 220 Seminar 3 Cr Hrs**  
Psychosocial considerations are reviewed with application to cultural/gender/aging/family dynamics in relation to disease, dysfunction, death and dying and the grieving process. In addition, caregiver self-care, assertive communication, and clinical burnout are presented. Includes an introduction to effective administration aspects of varied physical therapy environments. Preparation for entering the physical therapy workplace is also explored. A review of the required text with



an emphasis on board exam study and test-taking strategies is included. Only those students who have successfully completed all previous PTAE courses are eligible to register for this course. Corequisites: PTAE 212, PTAE 215, PTAE 217.

**PTAE 245 Clinical Affiliation I 2 Cr Hrs**

A three-week, full-time clinical experience in a physical therapy workplace setting. Students experience opportunities to apply the thinking processes and skills learned during the first two semesters of PTA technical courses. Supervision is provided by physical therapists and physical therapist assistants employed by the host facility. Only those students who have successfully completed all previous PTAE courses are eligible to register for this course. Corequisites: PTAE 202, PTAE 203, PTAE 205. PTAE 211.

**PTAE 250 Clinical Affiliation 2 6 Cr Hrs**

A six week, full-time clinical experience in a physical therapy clinical environment. Students use the competencies learned in their PTA technical courses to assist with treatment of patients/clients. Patient treatment, progression, rationale, and critical thinking, are practiced in a supervised setting. Only those students who have successfully completed all previous PTAE courses are eligible to register for this course. Corequisite: PTAE 255.

**PTAE 255 Clinical Affiliation 3 6 Cr Hrs**

The final, full-time clinical experience in a physical therapy clinical environment. Students apply treatment intervention competencies, oral and written communication skills, and the art of caring for diverse populations in a physical therapy workplace setting. Patient progression, rationale for treatment, and critical thinking, are practiced in a supervised setting. Only those students who have successfully completed all previous PTAE courses are eligible to register for this course. Corequisite: PTAE 250.

## RADIOLOGIC TECHNOLOGY

**RADT 101 Radiologic Science 3 Cr Hrs**

A course designed to teach students how ionizing x-radiation is produced. Emphasis is on radiologic concepts, structure of matter, electromagnetic radiation, electricity, magnetism, electromagnetism, the x-ray imaging system, x-ray tube construction, x-ray production, x-ray emission spectrum, and x-ray interactions with matter. Prerequisite: Official admission into the radiologic technology program.

**RADT 102 Orientation to Radiologic Technology 1 Cr Hrs**

A course designed to teach students how to provide quality radiography patient care. Emphasis is on understanding the early days of radiography, the radiographer as member of the health care team, legal and ethical responsibilities, professional communications, safety and transfer, positioning, patient care and assessment, and infection control. Prerequisite: Official admission into the radiologic technology program.

**RADT 151 Radiographic Procedures 1 4 Cr Hrs**

A course designed to teach students radiographic anatomy and positioning that results in the production of diagnostic quality radiographs of the chest, abdomen, upper and lower limbs, humerus and shoulder girdle, femur and pelvic girdle, cervical, thoracic and lumbar spines, sacrum and coccyx, and sternum and ribs. Associated radiographic pathologies will be covered. Prerequisite: RADT 101, 102, 152.

**RADT 151L Radiographic Procedures 1 Lab 1 Cr Hrs**

A laboratory course to accompany RADT 151, Radiographic Procedures 1. Prerequisite: RADT 101, 102, and 152.

**RADT 152 Radiation Protection 2 Cr Hrs**

A course designed to teach students how to protect themselves and others during radiographic procedures. Emphasis is on the biological effects of radiation, personnel and patient protection procedures, and radiation control. Prerequisite: Official admission into the radiologic technology program.

**RADT 153 Image Analysis 1 Cr Hrs**

A course designed to teach students how to evaluate the quality of analog and digital diagnostic quality radiographs. Emphasis is on what causes poor image quality and how to improve it. Prerequisite: RADT 101, 102, and 152.

**RADT 162 Radiographic Procedures 2 4 Cr Hrs**

A course designed to teach students radiographic anatomy and positioning that results in the production of diagnostic quality radiographs of the skull and cranial bones, facial bones and paranasal sinuses, biliary tract and upper gastrointestinal system, lower gastrointestinal system, urinary system. Associate radiographic pathologies will be included. Prerequisite: RADT 151 and 151L.

**RADT 162L Radiographic Procedures II Lab 1 Cr Hrs**

A laboratory course to accompany RADT 162 Radiographic Procedures 2. Prerequisites: RADT 151 and 151L.

**RADT 163 Imaging Equipment 2 Cr Hrs**

A course designed to teach students the operation and quality control maintenance of film-screen, computed and digital radiography systems. Fluoroscopy, tomography, mobile imaging systems and calibration tools will be included. Prerequisite: RADT 101, 102, and 152.

**RADT 164 Imaging & Processing 2 Cr Hrs**

A course designed to teach students how diagnostic quality analog and digital radiographic images are recorded, processed, communicated, archived and retrieved. Proper exposure technique selection, manual, automatic, and digital image processing techniques, and related quality control tests will be included. Prerequisite: RADT 101, 102, and 152.

**RADT 165 Fundamentals of Computed Tomography 3 Cr Hrs**

A course designed to teach students how to perform computed tomography procedures on patients that results in diagnostic quality images. Topics include CT fundamentals, equipment instrumentation, data acquisition, image processing and reconstruction, patient safety, image quality, CT procedures, cross-sectional anatomy of the head and neck, chest, abdomen and pelvis, additional applications, pharmacology and venipuncture. Prerequisites: RADT 180 Clinical Education I or currently an ARRT Registered Technologist in Radiography.

**RADT 170 Initial Training in Mammography 3 Cr Hrs**

A post certification course designed to provide students the required hours of initial training in Mammography necessary to fulfill the requirements established by the Mammography Quality Standards Act (MQSA). Students will learn breast anatomy and pathology, breast positioning, develop skills to produce high quality mammography images, and complete quality management tests. Eight hours of digital Mammography training will be included to enable the technologist to work in a digital Mammography environment. Prerequisite: Fifth semester radiologic technology students or ARRT Registered Technologist in Radiography.

**RADT 180C Clinical Education 1 7 Cr Hrs**

A course providing students in their third semester of radiography education the opportunity practice and achieve competence in radiographic examinations of the chest, abdomen, upper and lower limbs, humerus and shoulder girdle, femur and pelvic girdle, cervical, thoracic and lumbar spines, sacrum and coccyx, and sternum and ribs. Use of the C-Arm Fluoroscope in surgery will be included. Prerequisites: RADT 101, 102, 150, 151, 152, and 153.

**RADT 181C Clinical Education 2****8 Cr Hrs**

A course providing students in their second clinical semester of radiography education opportunities to practice and achieve competence in radiographic examinations of the chest, abdomen, upper, and lower extremities, spine, pelvis, skull, facial bones, sinuses, upper and lower gastrointestinal system, gallbladder and biliary ducts, urinary system, trauma, pediatric, and mobile radiography situations. Prerequisite: RADT 180C.

**RADT 182C Clinical Education 3****11 Cr Hrs**

A course providing students in their last semester of radiography education opportunities to practice and achieve competence in radiographic examinations of the chest, abdomen, upper and lower extremities, spine, pelvis, skull, facial bones, sinuses, upper and lower gastrointestinal system, gallbladder and biliary ducts, urinary system, trauma, pediatric, and mobile radiography situations. Prerequisite: RADT 181C

**RADT 199 Special Topics****1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**SURGICAL FIRST ASSISTANT****SUFA 199 Special Topics****1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**SUFA 251 Technical Microbiology****2 Cr Hrs**

Technical Microbiology is intended only for students pursuing a degree in either Surgical First Assisting or Surgical Technology. This course provides a survey of the microbial world with special emphasis on the following: basic biological principles and aseptic technique; Eukaryotic, Prokaryotic, and Viral characteristics, classification, and cultivation; diseases associated with surgical site infection; antibiotic prophylaxis and therapy; and the immune response. Prerequisite: Students who are interested in this course must seek instructor permission or be currently enrolled in Surgical First Assist or Surgical Technology Programs. The Course is appropriate for CEU's for graduate Certified Surgical Technologists and graduate Surgical First Assistants.

**SUFA 287 First Assisting Techniques****3 Cr Hrs**

This course is designed to teach and establish competencies in topics for the surgical first assistant. This course will help students change their job focus from surgical technologist to surgical first assistant including a new perspective taught on topics already discussed in previous coursework such as legal issues, safe and correct use of the ESU, instrumentation, and patient positioning and patient prepping/draping. The course includes rationale and demonstration for mirroring the surgeon's actions, laparoscopic techniques, operative site exposure, hemostasis, drainage systems and use of specialized equipment. While this is a lecture series there is a large amount of hands on demonstration/ repeat demonstration in the classroom.

**SUFA 288 Surgical Pharmacology****3 Cr Hrs**

This course is a review of pharmacokinetics as well as pharmacodynamics of common drugs used in each surgical specialty. The course also allows for discussion of drug regulations, therapeutic levels, military time and dosage calculations. There will be discussion and/or research of anti-infective agents, antibiotic therapy, contrast media, dyes, anti-

neoplastic chemotherapy agents, as well as drugs that affect the blood clotting, fluid balance and irrigation fluids. There will be discussion of herbal medication and dietary supplements and how they affect the surgical patient. The course includes a discussion of the use and types of IV fluids, electrolyte, and blood replacement therapy. Emergency medications are discussed in this unit.

**SUFA 291 Surgical Complications****2 Cr Hrs**

This is a study of complication that may arise from surgical interventions. Beginning with pre-operative medication reactions, anesthesia emergencies, intra-operative complications including hemorrhage, and use of hemostatic agents and post op complications. Discussion of recognition and treatment of wound sepsis, the use of irrigation solution and wound healing problems including dehiscence and evisceration, and surgical site infections are discussed as well as DVT, compartment syndrome and malignant hyperthermia. Prerequisite: Application and admission into the program, and Anesthesia Methods and agent (SUFA 289)

**SUFA 293 Wound Closure Techniques****2 Cr Hrs**

This Hands-on lab is designed to teach and establish competencies in wound healing, wound closure techniques, knot tying techniques, placement and removal of skin staples. The wound closure course will include wound placement of wound dressings including stent dressings, wound vacuum systems and casting techniques. There will be time for individualized practice and then testing for skills competency. This course and SUFA 294 will be taught concurrently on CSI Campus. Prerequisite: this course may be taken independently of the others. Students who are interested in this course must be CST, RN LPN or Physician Assistants or must seek instructor permission for admission. The course is appropriate for CEU's for Certified Surgical Technologists.

**SUFA 295C Surgical First Assisting Clinic****8 Cr Hrs**

The course is the last assigned clinical experience for the student surgical first assistant. In this clinical course students will demonstrate skills compatible with and appropriate for entry level surgical first assisting skills learned in previous and concurrent courses. Students must have completed all general education and all pre-requisites to this course prior to registration. Clinical requirements are posted online at [http://hshs.csi.edu/surgical\\_firstAssist/clinical\\_requirements.asp](http://hshs.csi.edu/surgical_firstAssist/clinical_requirements.asp)

**SURGICAL TECHNOLOGY****SURT 100 Central Sterile Processing****3 Cr Hrs**

Trained central service and sterile processing technicians help reduce the risk of microbial exposure by maintaining and sterilizing equipment for a wide range of medical areas. This short training program can help students learn heat, steam, chemical sterilization techniques as well as inventory management skills. Professionalism, teamwork, communications and medical language are stressed as students learn to pursue or maintain job opportunities in sterile processing technology. This course is designed for students who are already working in the field and want to take the IAHCSSM certification exam.

**SURT 101 Surgical Concepts****3 Cr Hrs**

This course is an independent study of: the profession and history of the surgical technologist. The surgical patient is discussed as well as specific patient safety areas. Legal and ethical issues are discussed in this course. Environmental hazards and infection control are explored as well as the physical facilities of the operating room and associated areas. The hospital administration system and chain of command are discussed. The course includes pre-operative patient preparation, patient monitoring devices and post operative patient complications and discharge discussions.

**SURT 103 Sterilization Techniques 3 Cr Hrs**

This course includes the study of the Central Service and Materials Management Departments in hospitals offering surgical services. Special emphasis is placed on cleaning and decontamination of equipment, sterilization of instruments and equipment, the different methods of sterilization, sterile packaging of reusable and disposables, and the storage of hospital and sterile items. Students will gain practical experience in procurement, inventory, and management of Materials Management departments.

**SURT 105 Surgical Techniques 5 Cr Hrs**

Study and practice designed to enable the student to become skilled in assisting with peri-operative surgical care of all patients including special populations. The course offers an in depth study of aseptic technique, case planning, transporting surgical patients, care of and selection of surgical instruments, sponges, drains and all surgical and sterile techniques. The student will learn care of surgical specimen, sutures, lasers, robotics and diagnostic procedures. The student will learn and practice all aspects of peri-operative patient care in the required lab.

**SURT 108 Surgical Clinical Practicum 1 1 Cr Hrs**

This clinical course includes clinical rotation into the operating room setting where students will begin to practice in the peri-operative area with instruments, sterile technique and beginning surgical procedures and interventions.

**SURT 110 Leadership for Surgical Tech 2 Cr Hrs**

Course enhances the surgical technology program with interactive instruction on Leadership skills, Professional management, self management, group dynamics, teamwork, professionalism, communication, critical thinking, employability skills, and scope of practice. Prerequisite: SURT 101, SURT 108, SURT 110, BIOL 227 & BIOL 228, and ALLH 101.

**SURT 115 Clinical Practicum 2 4 Cr Hrs**

Course focuses on continuing surgical theory. It provides study of special problems that correlate with the individual needs of students during clinical practice. Students begin to work more independently in the operating room and utilize critical thinking skills during this semester. Pre-requisites: SURT 101, SURT 105, SURT 108, ALLH 101, BIOL 227 & BIOL 228 with a grade of 70% or higher.

**SURT 140 Beginning Surgical Procedures 3 Cr Hrs**

This course includes an introduction to surgical procedures and follows with diagnostic procedures; general surgical procedures; gastrointestinal surgical procedures; obstetric and gynecological surgical procedures; genitourinary surgical procedures; ear, nose, throat, oral surgery; ophthalmic surgical procedures; and plastic surgical procedures; and orthopedic surgical procedures. Each of the areas of study will include a description, common procedures, surgical anatomy of the area in study, the common instrumentation, sutures used, and medications used. This course includes a 0 credit hands on learning lab.

**SURT 160 Advanced Surgical Procedures 3 Cr Hrs**

This course continues to build knowledge in more advanced surgical procedures including: Neurological surgical procedures; thoracic surgical procedures, cardiovascular, peripheral vascular surgical procedures, and pediatric surgical procedures. Each of the areas of study will include a description, common procedure, surgical anatomy, common instrumentation and sutures used, and common medications used.

**SURT 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional

development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**SURT 285 Surgical Clinical Practicum 3 3 Cr Hrs**

This course focuses on continuing surgical theory. The course provides study of special problems that correlate with the individual needs of students during clinical practice and preparation to write the AST National Certification Examination. Concentrated clinical supervised practice is an integral part of the course.

**SURT 286 Surgical Clinical Practicum 4 4 Cr Hrs**

This course focuses on continuing surgical theory. It provides study of special problems that correlate with the individual needs of students during clinical practice and preparation to write the national certification examination. Clinical supervised practice is an integral part of the course.

**SURT 287 Certification Exam Preparation 2 Cr Hrs**

This course is designed to assist surgical technology students or graduates in final preparation for a national certification exam. The course utilizes information from the latest edition of the core curriculum for Surgical Technology and covers each major topic area. A student's strengths and weaknesses in each topic area will be identified. The course will also introduce useful test-taking strategies.



# HEALTH, RECREATION AND FITNESS DEPARTMENT

## PROGRAMS OF STUDY

### HEALTH PROMOTION

**Contact:** Jaime Tigue (208)-732-6479  
jtigue@csi.edu

The Health Promotion Associate of Arts degree introduces students to the knowledge, skills, and dispositions needed for employment in public, community, and private health organizations. The curriculum includes coursework in health, business, physical education, sciences, and social sciences. The goals of the program are to help students earn an Associate of Arts degree in Health Promotion and to successfully transfer to a bachelor degree program in health promotion, health education, or related field. Career opportunities include, but are not limited to, public and private health care; private, public and corporate fitness and wellness; health education, medical care organizations, and personal training.

**Program Application Required:** No

**Sample Career Opportunities:** Health Educator

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 1800R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 143	College Algebra*	3
BIOL 227	Human Anatomy & Physiology 1	4
HLTH 155	Health & Wellness	3
PSYC 101	General Psychology	3
HACT	Any HACT/HREC/DANC Activities	1
<b>Total</b>		<b>17</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
BIOL 228	Human Anatomy & Physiology 2*	4
HLTH 225	Foundations of Health Promotion & Prevention*	3
BUSA 250	Principles of Marketing	3
HACT	Any HACT/HREC/DANC Activities	1
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
HLTH 151	First Aid, CPR, and Sport Safety	3
HLTH 230	Exit Seminar*	1
ALLH 101	Medical Terminology	2
CHEM 101	Introduction to Chemistry*	4
BUSA 215	Introduction to Information Science	3
SOCY 101	Introduction to Sociology	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 disciplines.</i>		
ACCT 201	Intro to Financial Accounting*	3
ALLH 220	Fundamentals of Nutrition	3
ENGL 202	Technical Communications	3
<b>Total</b>		<b>15</b>
<b>Total Credit Hours Required for this Major:</b>		<b>65</b>
<i>*Prerequisite or corequisite required.</i>		



## PHYSICAL EDUCATION K-12

Contact: Jonathan Lord, (208) 732-6484  
jlord@csi.edu

The K-12 Physical Education degree introduces students to the knowledge, skills, and dispositions essential for success in teaching physical education in the elementary and secondary schools. Students take courses from the CSI general education core as well as specific program requirements in K-12 Physical Education, including a field experience at both the elementary and secondary levels. Students are introduced to courses in human anatomy, teacher education, and physical education. The goals of the program are to help students earn an Associate of Arts degree in K-12 Physical Education and to assist students with transfer to an Idaho public bachelor degree teacher education program. Career opportunities include teaching physical education in K-12 schools.

**Program Application Required: No**

**Sample Career Opportunities:** Elementary and Secondary School Teachers

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 2126R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 143	College Algebra*	3
BIOL 227	Human Anatomy & Physiology 1	4
PROG ELEC	Program Elective	3
HLTH 160	Foundations of Exercise, Fitness and Sport	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
EDUC 201	Foundations of Education	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 disciplines.</i>		
PROG ELEC	Program Elective	3
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
HLTH 243	Anatomical Foundations	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
HLTH 230	Exit Seminar*	1
PSYC 101	General Psychology	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
<i>Humanities courses must be from 2 disciplines</i>		
ELEC GE	General Education Elective	4
SOCY 101	Introduction to Sociology	3
HLTH 155	Health & Wellness	3
<b>Total</b>		<b>16</b>
<b>Program Electives:</b>		
HLTH 135	Court Skills & Analysis*	3
HLTH 136	Field Skills & Analysis*	3
HLTH 137	Fitness Skills & Analysis*	3
<b>Recommended Electives:</b>		
HLTH 151	First Aid, CPR, and Sport Safety	3
HLTH 210	Physical Education for Elementary Teachers	3
<i>See Advisor for transfer University course requirements.</i>		
<b>Total Credit Hours Required for this Major:</b>		<b>65-71</b>

*\*Prerequisite or corequisite required.*

## PHYSICAL EDUCATION

**Contact:** Jaime Tigue, (208) 732-6479

[jtigue@csi.edu](mailto:jtigue@csi.edu)

Jonathon Lord, (208) 732-6484

[jlord@csi.edu](mailto:jlord@csi.edu)

Scott Rogers, (208) 732-6488

[srogers@csi.edu](mailto:srogers@csi.edu)

**Program Application Required:** No

**Sample Career Opportunities:** Recreation and Fitness Studies Teachers, Secondary School Teachers, Coaches and Scouts, Fitness Trainers and Aerobics Instructors

*\*Talk to an advisor for additional career choices*

## Concentration: Athletic Training

The Athletic Training concentration provides students with the opportunity to explore this area of sports medicine through courses in nutrition, biological and physical sciences, applied anatomy, and care and prevention of athletic injuries.

Associate of Arts  
Major Code: 1801R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 147	Precalculus*	5
BIOL 227	Human Anatomy & Physiology 1	4
HLTH 220	Care and Prevention of Athletic Injuries	4
<b>Total</b>		<b>16</b>

<b>Spring Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 102	English Composition 2*	3
HLTH 243	Anatomical Foundations	3
BIOL 228	Human Anatomy & Physiology 2*	4
HLTH 155	Health & Wellness	3
<b>Total</b>		<b>16</b>

<b>Fall Semester Sophomore Year</b>		
HLTH 160	Foundations of Exercise, Fitness and Sport	3
PHYS 111	General Physics 1	4
HLTH 230	Exit Seminar*	1
HUMA GE	Any Gen. Ed. Humanities Course	3
CHEM 111	Principles of Chemistry 1*	5
PSYC 101	General Psychology	3
<b>Total</b>		<b>19</b>

<b>Spring Semester Sophomore Year</b>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
ALLH 101	Medical Terminology	2
ALLH 220	Fundamentals of Nutrition	3
CHEM 112	Principles of Chemistry 2*	5
SOCY 101	Intro to Sociology	3
<b>Total</b>		<b>16</b>

<b>Recommended Elective Courses:</b>		
HLTH 101	Athletic Training Clinical 1*	1
HLTH 102	Athletic Training Clinical 2*	1
HLTH 151	First Aid, CPR, and Sport Safety	3
HACT	Any HACT/HREC/DANC Activities	1

**Total Credit Hours Required for this Major:** 67

*\*Prerequisite or corequisite required.*

## Concentration: Exercise Science

The Exercise Science concentration is designed for students who are interested in careers in athletic training, biomechanics, exercise physiology, fitness management, personal training, physical and occupational therapy, and research.

Associate of Arts  
Major Code: 1801R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 147	Precalculus*	5
BIOL 227	Human Anatomy & Physiology 1	4
HLTH 155	Health & Wellness	3
HLTH 160	Foundations of Exercise, Fitness and Sport*	3
<b>Total</b>		<b>18</b>

<b>Spring Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 102	English Composition 2*	3
PSYC 101	General Psychology	3
HLTH 243	Anatomical Foundations	3
BIOL 228	Human Anatomy & Physiology 2*	4
<b>Total</b>		<b>16</b>

<b>Fall Semester Sophomore Year</b>		
HUMA GE	Any Gen. Ed. Humanities Course	3
HLTH 230	Exit Seminar*	1
CHEM 111	Principles of Chemistry 1*	5
PHYS 111	General Physics 1	4
<b>Total</b>		<b>13</b>

<b>Spring Semester Sophomore Year</b>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SOCS GE	Any Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
ALLH 220	Fundamentals of Nutrition	3
CHEM 112	Principles of Chemistry 2*	5
<b>Total</b>		<b>14</b>

<b>Recommended Elective Courses:</b>		
HACT	Any HACT/HREC/DANC Activities	1-2
PHYS 112	General Physics 2*	4
HLTH 151	First Aid, CPR, and Sport Safety	3
ALLH 101	Medical Terminology	2
MATH 153	Elementary Statistics	3

**Total Credit Hours Required for this Major:** 61-70

*\*Prerequisite or corequisite required.*

## Concentration: Outdoor Recreation

The Outdoor Recreation concentration is designed for the students who are interested in management, leadership, or supervisory positions in recreation agencies or related professions. Careers in recreation can be found in a variety of areas such as private and commercial recreation, community recreation and youth agencies, recreational sports, recreational leadership, and recreational administration.

### Associate of Arts Major Code: 1801R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
COMM 101	Fundamentals of Oral Communication	3
PROG ELEC	Program Elective	3
HLTH 151	First Aid, CPR, and Sport Safety	3
HLTH 160	Foundations of Exercise, Fitness and Sport	3
<b>Total</b>		<b>18</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
MATH 123	Math in Modern Society*	3
HLTH 243	Anatomical Foundations	3
HLTH 283	Leave No Trace Trainer	1
COMM 201	Business & Professional Speaking	3
PROG ELEC	Program Elective	3
<b>Total</b>		<b>16</b>
<b>Fall Semester Sophomore Year</b>		
BIOL 201	Biology 1	4
HLTH 152	Experiential Education	2
HLTH 155	Health & Wellness	3
PSYC 101	General Psychology	3
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>15</b>
<b>Spring Semester Sophomore Year</b>		
ANTH 102	Cultural Anthropology	3
BIOL 120	Environmental Science	4
ENGL 202	Technical Communication	3
GEOL 101	Physical Geology*	4
HLTH 230	Exit Seminar*	1
PROG ELEC	Program Elective	2
<b>Total</b>		<b>17</b>
<b>Program Electives:</b>		
HREC 144	Beginning Cross Country Skiing	1
HREC 145	Introduction to Climbing	1
HREC 146	Intermediate Climbing	2
HREC 147	Beginning Kayaking	1
HREC 148	Intermediate Kayaking & Whitewater Safety	1
HREC 240	Map, Compass, & Backcountry Navigation	1
HREC 241	Winter Survival Skills	1
HREC 242	Wilderness Survival Skills	1
HREC 243	Backpacking	1
HREC 244	Introduction to Mountain Biking	1
<b>Total Credit Hours Required for this Major:</b>		<b>66-70</b>

*\*Prerequisite or corequisite required.*

## Concentration: Sports Management

The Sport Management concentration is designed for students who are interested in sport management, sports marketing, sports facilities, and related areas. Careers in sport management can be found in sales, marketing, communications, promotions, ethics, law, management, journalism, private and public recreation and sport, event and facilities management, or other careers.

### Associate of Arts Major Code: 1801R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
PROG ELEC	Program Elective	3
COMM 101	Fundamentals of Oral Communication	3
HLTH 151	First Aid, CPR, and Sport Safety	3
HLTH 160	Foundations of Exercise, Fitness and Sport	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
PROG ELEC	Program Elective	3
ELEC GE	General Education Elective	4
HACT ELEC	HACT/HREC Activity course	1
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
ECON 202	Principles of Microeconomics	3
HLTH 155	Health & Wellness	3
HLTH 243	Anatomical Foundations	3
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SCIG GE	Any Gen. Ed. Science Course**	4
<b>Total</b>		<b>16</b>
<b>Spring Semester Sophomore Year</b>		
ACCT 201	Intro to Financial Accounting*	3
COMM 201	Business & Professional Speaking	3
SCIG GE2	Any 2nd Gen. Ed. Science Course**	4
<i>Science courses must be from 2 different disciplines.</i>		
SOC2 GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
HLTH 230	Exit Seminar*	1
<b>Total</b>		<b>14</b>
<b>Program Electives:</b>		
HLTH 135	Court Skills & Analysis*	3
HLTH 136	Field Skills & Analysis*	3
HLTH 137	Fitness Skills & Analysis*	3
<b>Recommended Elective Courses:</b>		
HLTH 220	Care and Prevention of Athletic Injuries	4
HLTH 210	Physical Education for Elem Teachers	3
<b>Total Credit Hours Required for this Major:</b>		<b>62</b>

*\*Prerequisite or corequisite required.*

# COURSE DESCRIPTIONS

## HEALTH, RECREATION, AND FITNESS-ACADEMIC

### HEALTH, RECREATION, AND FITNESS-ACADEMIC COURSES:

The following Health, Recreation and Fitness academic courses (HLTH) fulfill the requirements for Associate of Arts degrees in Health Promotion, K-12 Physical Education, Athletic Training, Exercise Science, Outdoor Recreation and Sport Management. With the exception of HLTH 155 Health & Wellness, these courses do not fulfill the HACT/HREC activity requirement for an Associate of Arts Degree.

#### **HLTH 101 Athletic Training Clinical 1 1 Cr Hrs**

This course provides athletic training for students with practical skills and knowledge in an athletic training setting. These skills may include emergency care, blood borne pathogen training, injury management, and modality usage. Prerequisite: Instructor permission.

#### **HLTH 102 Athletic Training Clinical 2 1 Cr Hrs**

This course is a continuation of HLTH 101 and provides athletic training for students with more intensive practical skills and knowledge in an athletic training setting. These skills include emergency care, blood borne pathogen training, injury management, modality usage, taping, and evaluation techniques. Additional fee required. Prerequisite: HLTH 101 or instructor permission.

#### **HLTH 135 Court Skills & Analysis 3 Cr Hrs**

This course is designed to provide HLTH majors with the skills and knowledge necessary to participate in and teach the games of basketball, volleyball, tennis, and pickle ball. Students will also demonstrate safety considerations and teaching progressions. Prerequisite: HLTH Major or instructor permission.

#### **HLTH 136 Field Skills & Analysis 3 Cr Hrs**

This course is designed to provide HLTH majors with the skills and knowledge necessary to participate in and teach the games of soccer, flag football, softball, and ultimate frisbee. Students will also demonstrate safety considerations and teaching progressions. Prerequisite: HLTH Major or instructor permission.

#### **HLTH 137 Fitness Skills & Analysis 3 Cr Hrs**

This course is designed to provide HLTH majors with the skills and knowledge necessary to participate in and teach activities for fitness. Students will also develop the skills necessary to administer a variety of fitness tests, demonstrate safety considerations, and teaching progressions. Prerequisite: HLTH Major or instructor permission.

#### **HLTH 150 First Aid & CPR 2 Cr Hrs**

This first aid and emergency care course is designed to meet the needs of individuals and groups who are in a position to provide first aid frequently. The course provides the essential knowledge and skills required by individuals interested in advanced rescue work. A first aid, CPR, and AED certificate is issued to students successfully completing the course. Additional fee required.

#### **HLTH 151 First Aid, CPR, and Sport Safety 3 Cr Hrs**

This course provides individuals with the knowledge and skills necessary to provide a safe environment to adult and child athletes while they are participating in sports and, in an emergency, to help sustain life and minimize the consequences of injury or sudden illness until medical help arrives. A first aid, CPR, and AED certificate is issued to students successfully completing the course. Additional fee required.

#### **HLTH 152 Experiential Education 2 Cr Hrs**

This course covers topics from setting up and tearing down a challenge course, facilitating large and small team building groups, and ensuring safety and teaching rescue techniques. The class is designed to train participants to pursue employment within the challenge course industry.

#### **HLTH 155 Health & Wellness 3 Cr Hrs**

This course provides an overview of current health topics relevant to students. It stimulates awareness of personal health decisions and their relationship to optimal self-care patterns and lifestyles.

#### **HLTH 160 Foundations of Exercise, Fitness and Sport 3 Cr Hrs**

This course is an introduction to the history, survey, philosophy and ethics of the subdisciplines of exercise science, health, physical education, fitness and sport. An approved field experience is required within this course.

#### **HLTH 162 Introduction to Recreation 2 Cr Hrs**

This course is designed for students preparing to major in Recreation or a related field. The course includes an approach to philosophy, methods, and objectives and a general survey of the field of recreation and leisure services. (This course includes a portfolio entry.) Corequisite: HLTH 285

#### **HLTH 163 Exercise Assessment & Prescription 3 Cr Hrs**

This course is designed to prepare students with the knowledge, skills, and competence to conduct fitness assessments and to design exercise programs for various populations. Students will gain practical experience related to healthy fitness management programs and will learn safety techniques and basic sports nutrition. This course will prepare the students to take a nationally recognized personal trainer exam.

#### **HLTH 166 Sports Nutrition 1 Cr Hrs**

This course is designed to introduce students to the basic elements of sports nutrition. This course will discuss roles played by carbohydrate, fat, protein, water and key vitamins and minerals as they relate to physical exercise. Students will learn what nutrients would benefit them before and after exercise or a sporting event, will understand the principles of healthy meal planning, and will identify safe sports supplements.

#### **HLTH 177 Sports Medicine 1 Cr Hrs**

This course is for teachers, HLTH majors, Athletic Trainers, Coaches and health professionals. Doctors, Certified Trainers and Professors teach the course with a continuous emphasis on sporting injuries, sports psychology and sociology, legal issues in sport and sports conditioning.

#### **HLTH 188 Rodeo Judging Seminar 1 Cr Hrs**

This course provides specialized training for students who are involved in rodeo judging.

#### **HLTH 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

#### **HLTH 200 Physical Ed Independent Study 1-3 Cr Hrs**

This is a term-long project. Each credit hour is equivalent to 45 hours of work on a project. Students should make arrangements with the instructor in their field of interest. The request form for this project must be filled out and approved by the instructor, department chairman. Prerequisite: Instructor permission.



**HLTH 203 Coaching Basketball****1 Cr Hrs**

This course is designed to inform and broaden ideas on coaching the game of basketball. Participants will learn about coaching philosophy, practice planning, game preparation, game philosophy/strategy, discipline techniques and more. This hybrid course is offered in an eight-week session, meeting once a week for two hours on campus and online.

**HLTH 204 Leadership and Ethics in Athletics****2 Cr Hrs**

This course is designed to inform and educate students about what it is to be a student athlete on the court, in the classroom and in the community. Participants will cover many subject areas such as rules and regulations for collegiate leagues, drug policies, academic success, community involvement, public speaking, perception, responsibility and more.

**HLTH 210 Physical Education for Elementary Teachers****3 Cr Hrs**

This course will address the value of physical activity and fitness for elementary children and the teaching skills and techniques that encourage successful movement for all children, including methods to integrate physical activity with other academic subject areas. The course requires 10 hours of field work in an approved educational setting. Students are required to complete and pass a background check

**HLTH 215 Tech of Camp Organizing & Coaching****1-3 Cr Hrs**

This course involves supervised application of instruction, analysis, and techniques of coaching with elementary, junior high, and high school students. This course is designed to offer practical experience in camp organization, youth counseling and motivating, public relations, the teaching of individual and group skills, plus actual game strategy. A maximum of three credit hours will count towards the graduation requirements or to meet athletic eligibility requirements. 45 contact hours required per credit hour. Prerequisite: Permission of instructor.

**HLTH 220 Care and Prevention of Athletic Injury****3 Cr Hrs**

This course will educate the student to recognize, care for and prevent sport induced injuries through the guidelines used in the athletic training profession. This course includes the duties of an athletic trainer, recognition of sports injuries, treatment and prevention of injuries as well as care for conditions common to athletes. The student will also learn how to promote lifelong wellness for an athlete through correct exercise principles, nutrition and training techniques. This course will include a component to introduce rehabilitation, training and taping techniques for injuries related to sports participation.

**HLTH 221 Training & Taping Techniques****2 Cr Hrs**

This course covers the science of sports injury taping. The course consists of two hours of lecture and two hours of laboratory each week covering rehabilitation and wrapping and/or taping of the foot, ankle, knee, thigh, groin, shoulder, elbow, wrist, and hand. Additional fee required.

**HLTH 225 Foundations of Health Promotion & Prevent****3 Cr Hrs**

This course is designed for the student preparing to major in Health Promotion. The course is a study of the fundamental concepts, theories, and direction of the Health Promotion field. Emphasis will be given to the process and practice of health promotion and the application of the related health behavioral theories and models. A ten-hour approved field experience is required. A Background Check is required. (This course requires a portfolio entry for Health Promotion majors).

**HLTH 230 Exit Seminar****1 Cr Hrs**

This is the capstone course in the Health, Recreation and Fitness Department. Students will complete an outcomes portfolio and begin a professional notebook. Students will be introduced to representatives from Idaho institutions and encouraged to complete application materials for their institution of choice. Students will submit a comprehensive portfolio as an exit requirement of the Health,

Recreation and Fitness Department. Students who enroll in this course should be completing their last semester before graduation. Prerequisite: Instructor permission.

**HLTH 243 Anatomical Foundations****3 Cr Hrs**

This course provides an investigation of the skeletal, articular, muscular, and nervous systems as they relate to the performance and analysis of human movement. Students will learn the clinical implications associated with disease, injury, and age-related changes in the basic anatomical model as they affect the outcome of movement performance. This course is designed for Health, Recreation and Fitness majors. Prerequisite: BIOL 227 or Instructor Permission.

**HLTH 283 Leave No Trace Trainer****1 Cr Hrs**

This course covers the principles and practices of minimal impact outdoor techniques, including traveling approaches, waste disposal, campsite placement, outdoor ethics, state/federal land management requirements, and sport-specific procedures. Upon successful completion of the course, participants receive a certificate from the Leave No Trace Center for Environmental Ethics to teach Leave No Trace Awareness workshops. Fee Required.

**HLTH 285 Cooperative Education****1 Cr Hrs**

Cooperative Education allows Health, Recreation and Fitness students to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests and skill levels and the environment of the learning site. Written learning objectives agreed upon by the student, the program, and the employer will be the basis for evaluating, grading, and granting of credit hours.

**HEALTH, RECREATION, AND FITNESS-ACTIVITIES****HEALTH, RECREATION, AND FITNESS-ACTIVITY COURSES:**

The following Health, Recreation and Fitness activity courses fulfill the activity requirement including HLTH 155 Health & Wellness or two HACT/HREC/DANC credits for the Associate of Arts degree.

**Lifetime Activity Courses:****HACT 100 Basketball****1 Cr Hrs**

This course provides instruction and participation in the techniques and skills of basketball. It is designed for the general public, employees & students. This course may be repeated once.

**HACT 101 Bowling****1 Cr Hrs**

This course offers instruction and participation in the fundamentals of bowling for the student's recreational pleasure. This course may be repeated once. Additional fee required.

**HACT 102 Beginning Golf****1 Cr Hrs**

This course involves instruction in beginning golf skills, scoring, rules, and etiquette. This course may be repeated once. Additional fee required.

**HACT 103 Lifetime Activities****1 Cr Hrs**

This course is designed to provide instruction and experience in a variety of lifetime activities that promote physical, social, and emotional well being. This course may require students to participate in off-campus activities. This course may be repeated once. Additional fee may apply.

**HACT 104 Volleyball****1 Cr Hrs**

This course provides instruction, skill development, rules, techniques, and individual and team strategies for beginning level volleyball participants. This course may be repeated once.

**HACT 105 Soccer****1 Cr Hrs**

This course is designed for the beginning player to acquire or improve his/her knowledge and fundamental skills in soccer. Instruction includes rules, game strategies, techniques, and strategies for offensive and defensive play. This course may be repeated once.

**HACT 106 Beginning Racquetball****1 Cr Hrs**

This course is designed for the beginning player to acquire or improve his/her knowledge and fundamental skills in racquetball. Instruction includes rules, game strategies, techniques of serve, forehand, and back wall play. Adequate apparel and eyewear are required. Racquets, eyewear, and balls are provided if needed. This course may be repeated once.

**HACT 107 Intermediate Racquetball****1 Cr Hrs**

The intermediate course is a continuation of Beginning Racquetball. All students should be acquainted with beginning fundamentals and have had some experience in playing the sport. Adequate apparel and eyewear are required. Racquets, eyewear, and balls are provided if needed. This course may be repeated once.

**HACT 108 Tennis 1****1 Cr Hrs**

This course involves instruction in fundamental skills of tennis, scoring, and simple game strategies, drills for improvement, individual analysis and technique correction. This course may be repeated once. Additional fee required.

**HACT 109 Tennis 2****1 Cr Hrs**

This course involves instruction in intermediate skills of tennis, advanced game strategies, drills for improvement, individual analysis and technique correction. This course may be repeated once. Additional fee required.

**HACT 110 Beginning Judo****1 Cr Hrs**

This course involves beginning-level instruction and participation in the skills of Kododan Judo, including Ukemi (falling techniques), Tachi-Waza (throwing techniques), and Ne-Waza (mat techniques). Students learn basic self defense, terminology, philosophy, and physical fitness training involved in the Olympic sport of judo. This course may be repeated once.

**HACT 111 Intermediate Judo****1 Cr Hrs**

This course is a continuation of Beginning Judo. In this course, students learn intermediate-level instruction and competition techniques in Kodokan judo, including Ukemi (falling techniques), Tachi-Waza (throwing techniques), and Ne-Waza (mat techniques). Students learn terminology, competition rules, applied philosophies, and physical fitness training involved in the Olympic sport of judo. This course may be repeated once. Prerequisite: 110 or instructor permission.

**HACT 112 Beginning Karate****1 Cr Hrs**

This course involves instruction and participation in the skills and techniques of karate using the Tao-Te Ching method. This course may be repeated once.

**HACT 113 Advanced Karate****1 Cr Hrs**

This course involves instruction and participation in the skills and techniques of advanced karate. Prerequisite: HACT 112 or instructor permission.

## Strength Training Courses:

**HACT 114 Stretch & Strength****1 Cr Hrs**

This course introduces students to a beginning -level conditioning program that will enhance fitness through strength and flexibility. Hand weights and other equipment are used. This course may be repeated once.

**HACT 115 Beginning Strength Training****1 Cr Hrs**

This course is designed for the beginning weight lifter. Students will learn the correct techniques, principles, and progressions of weight training to gain strength, muscle tone, and core stability. Students will utilize both free and machine weights. This course may be repeated once.

**HACT 116 Strength Training for Women****1 Cr Hrs**

This course is designed for women who are interested in the principles and progression of strength training to enhance fitness, to improve physique and posture, and to help prevent fatigue and other stress-related symptoms. This course emphasizes proper weight training technique, skill progression, and weight room safety. This course may be repeated once.

**HACT 117 Cardio Fitness & Weight Training****2 Cr Hrs**

This course is for students with beginning to intermediate fitness levels. Students participate in weight training and cardiovascular activities to improve strength and cardiovascular endurance.

**HACT 118 Bigger Faster Stronger****2 Cr Hrs**

This intermediate to advanced course is designed for students who want to improve their physical fitness through high intense cardio, weight training, and plyometrics. This course will follow the nationally recognized Bigger Faster Stronger weight training program.

**HACT 220 Self Defense For Women****1 Cr Hrs**

This course will help students identify a dangerous situation and to increase the chances of getting away safe with mental and physical strategies. Students will learn strikes, blocks, escapes, and most importantly the mentality it takes to be able to handle the surroundings when a bad situation appears. This course may be repeated once for credit.

## Yoga Courses:

**HACT 119 Yoga****1 Cr Hrs**

This course provides an introduction to the ABC's of Yoga: Awareness and proficiency of basic yoga postures and personal alignment, Breath for enhancing personal energy levels or calming oneself, and Concentration on the body/mind by incorporating beginning techniques for visualization and relaxation. This course may be repeated once for credit.

**HACT 120 Continuing Yoga****1 Cr Hrs**

This course provides a continuation for exploring classical yoga postures as well as the history and philosophy of yoga. Each class includes stretching, strengthening and relaxation techniques. This course may be repeated for a total of two credits towards graduation. Additional fee required.

**HACT 122 Pilates****1 Cr Hrs**

Pilates is an organized exercise class which improves core strength. Each class includes toning, streamlining, and realigning of the body without the bulked-up results of more conventional workouts. Consistency with simple sequences and breath will guide students through a series of exercises for achieving a balanced physical fitness. This course may be repeated once.

**HACT 123 Yoga and Pilates****1 Cr Hr**

This course is an introduction to beginning yoga and pilates. Students will enhance balance, flexibility, strength, posture awareness and relaxation. This course may be repeated once.

## Cardio Courses:

### **HACT 125 Power Pump** 1 Cr Hrs

This group weight training and aerobic exercise class uses a variety of strength training equipment and exercises that are choreographed to music to shape and tone the muscles. This course is designed for all levels of fitness and targets all major muscle groups. This course may be repeated once.

### **HACT 127 Spinning and Core Fusion** 1 Cr Hrs

This course incorporates beginning spinning and core training to provide a low impact aerobic workout (spinning) and to provide core exercises designed to strengthen the abdominals and lower back (core training). This course is designed for all levels of fitness. This course may be repeated once.

### **HACT 128 Beginning Triathlon Training** 2 Cr Hrs

This course is designed to introduce students to the training methodologies involved in sprint distance triathlon. This includes skill development in swimming, cycling, and running and basic knowledge of nutrition, per iodization, strength training, and seasonal planning.

### **HACT 129 Running for Fitness** 1 Cr Hrs

This eight-week course is designed for the beginning runner to the advanced runner. Course content includes mechanics of efficient running, presentation of training systems, safety, dress, and the prevention and care of common running injuries. This course will prepare students to take part in community road races. This course may be repeated for a total of two credits towards graduation.

### **HACT 130 Beginning Spinning** 1 Cr Hrs

This course is an introduction to spinning also known as Indoor group cycling. Spinning is a full-body, low impact aerobic exercise that can help strengthen the heart, lower blood pressure, boost energy, burn off extra fat, tone legs and stomach, reduce stress and tension, and boost peak performance. This course may be repeated once

### **HACT 131 Beginning Swimming** 1 Cr Hrs

This beginning-level course is designed to provide instruction that will develop knowledge, basic skills, and positive attitudes towards swimming and aquatics. This course may be repeated once. Additional fee required.

### **HACT 132 Intermediate Swimming** 1 Cr Hrs

This is an intermediate swimming course designed to refine technique, increase fitness and endurance, and promote swimming as a lifetime sport. Students will be introduced to the sidestroke, breast stroke, and butterfly. Lab fee required. Prerequisite: HACT 131 or instructor permission. This course may be repeated once. Additional fee required.

### **HACT 133 Water Boot Camp** 1 Cr Hr

This aquatics course is designed to improve cardio respiratory health, improve flexibility, burn fat, lower blood pressure, and boost self-confidence. This course may be repeated once. Pool fee required.

### **HACT 134 Cross Training** 1 Cr Hrs

This is a beginning cross training class that will focus on cardiovascular and strength activities. Class activities include warm up, cardio, strength/tone, flexibility, and cool down. Other fitness activities may be included and modifications for all fitness levels will be provided. Pre- and post- testing for individual fitness levels will be measured to determine outcomes. Proper exercise attire is required. This course may be repeated for a total of two credits towards graduation.

### **HACT 135 Walking for Fitness** 1 Cr Hrs

This course is designed for all ages and levels of fitness. It emphasizes body mechanics and identifies concepts so the student may have a lifetime of walking enjoyment. It involves weekly goal setting incentives and focuses on a variety of walking experiences for fun and cardiovascular improvement. This course may be repeated once.

### **HACT 136 Train to Walk/Run Distance** 1 Cr Hrs

This course is designed as a training program in preparation for walking or running a 1/2 marathon and has adaptations in place for a 5K or a 10K walk or run. The course involves weekly goal setting and focuses on a variety of walking and running experiences for cardiovascular improvement. The course emphasizes body mechanics and identifies concepts so that the participant may have a lifetime of walking or running enjoyment. The class is designed all levels of fitness. Participation outside of class is required. This course may be repeated once.

### **HACT 137 Boot Camp Fitness** 1 Cr Hrs

This intermediate course incorporates cardio, flexibility, balance, toning, and core training. Students will complete a pre- and post-fitness assessment. This course may be repeated once.

### **HACT 138 Zumba** 1 Cr Hrs

This Latin-inspired fitness class is designed for all levels of fitness. The routines feature interval training sessions where fast and slow rhythms and core training are combined to tone and to sculpt the body. Students will learn choreography using such steps as the merengue, mambo, cha cha, salsa, cumbia, reggaeton, and more. No dancing experience is necessary. This course may be repeated once.

## Specialized Courses:

### **HACT 150 Introduction to Weight Management** 1 Cr Hrs

This course covers the nutritional, physical, and emotional aspects of healthy weight management. Participants complete a self-directed fitness program and set nutritional goals and incentives. Participants record their progress in a daily journal and submit weekly exercise log sheets. This course may be repeated once.

### **HACT 151 Stress Management** 1 Cr Hrs

This course is a holistic approach to stress management, with regards to both cognitive (coping) skills and a host of relaxation techniques with the intention to prevent and/or alleviate the physical symptoms of stress. The course is composed to both theoretical and experiential learning through a series of class exercise techniques. This course may be repeated once.

### **HACT 152 Employee Wellness** 1 Cr Hrs

Employee Wellness is designed for CSI employees and their spouse. Participants complete a self-directed fitness or wellness program, participate in wellness workshops, and have access to wellness resources on the course's blackboard site. Participants complete a pre- and post-fitness evaluation and/or a pre- and post-self-perception lifestyle inventory. This course fulfills one credit of the HACT activity requirement for an associate of arts degree. This course may be repeated once for credit.

### **HACT 153 Activity by Contract 1** 1 Cr Hrs

Activity by Contract 1 is designed for the motivated student who seeks an individualized introduction to physical fitness and related wellness experiences. Students are required to make weekly contact with the instructor, complete pre and post-fitness evaluations and course assignments, and design and implement an individual workout program. This course may be repeated once.

### **HACT 154 Activity by Contract 2** 1 Cr Hrs

Activity by Contract 2 is a continuation of Activity of Contract 1. The course requires students to make weekly contact with the instructor, complete pre and post-fitness, evaluations and wellness components, and design and implement an individual workout program. This course may be repeated once.



**HACT 155 Lose Big, Win Big!****1 Cr Hrs**

This course will challenge and encourage participants to reach their weight loss goals through a comprehensive diet and exercise program. Participants will learn the keys to fitness, nutrition, and a balanced lifestyle. Participation outside of class is required. This course may be repeated once.

**HACT 159 Water Plyometrics****1 Cr Hr**

This course is designed to improve athletic performance through plyometric training in an aquatic environment to minimize the impact to the body. This class will focus on aquatic movements to increase power, speed, and flexibility. This course may be repeated for a total of two credits towards graduation. Pool fee required.

**HACT 160 Cheerleader Weight Training 1****1 Cr Hrs**

This is a specialized course designed around specific weight training techniques for cheerleaders. Corequisite: HACT 171.

**HACT 161 Cheerleader Weight Training 2****1 Cr Hrs**

This course is a continuation HACT 160 and is designed around specific weight training techniques for cheerleaders. Prerequisite: HACT 160. Corequisite: HACT 172

**HACT 165 Elite Fitness****1 Cr Hrs**

Elite Fitness is a strength and conditioning program that delivers a broad and universal style of fitness for the elite fitness enthusiast. This course will focus on interval and high intensity training. This course may be repeated for a total of two credits towards graduation. Additional fee required.

**HACT 199 Special Topics****1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

## Athletic/Club Courses:

**HACT 168 Beginning Equestrian Team****1 Cr Hr**

This course is for riders of all experience to work on horsemanship skills used in horse show circumstances. Students will be introduced to the Intercollegiate Horse Show Association (IHSA) rules and classes of Western Horsemanship and Hunter Seat Equitation. Students are to train as equestrian athletes who may choose to compete in Regional, Zone, and National IHSA competition in their assigned qualifying division. Students will be riding a variety of horses for preparation for collegiate IHSA competition. Additional course fee required. Students must have access to an appropriate horse, tack, and transportation in order to participate in the class. This course may be repeated once.

**HACT 169 Intermediate Equestrian Team****1 Cr Hrs**

Intermediate Equestrian Team is for students who have taken HACT 168 Beginning Equestrian Team and who wish to further develop their riding and showing skills. Riders may train in Western, English, or both. Students will learn how to handle different mounts by learning effective aids and may ride different horses during the class. Partnership between horse and rider will be emphasized. Additional course fee required. Students must have access to an appropriate horse, tack, and transportation in order to participate in the class. This course may be repeated once. Prerequisite: HACT 168 or instructor permission.

**HACT 170 Advanced Equestrian Team****1 Cr Hrs**

Advanced Equestrian Team is for students who have taken HLTH 168 Beginning Equestrian Team and HACT 169 Intermediate Equestrian Team and who wish to further develop their riding and showing skills. Riders may train in Western, English, or both. Students will learn how to handle different mounts by learning effective aids and may ride

different horses during the class. Partnership between horse and rider will be emphasized. Additional course fee required. Students must have access to an appropriate horse, tack, and transportation in order to participate in the class. This course may be repeated once. Prerequisite: HACT 169 or instructor permission.

**HACT 171 Cheerleading 1****1 Cr Hrs**

This course involves participation in collegiate cheerleading throughout the season. Prerequisite: permission of the instructor/adviser.

**HACT 172 Cheerleading 2****1 Cr Hrs**

This course is a continuation of HACT 171. Students participate in collegiate cheerleading throughout the season. Prerequisite: permission of instructor/adviser.

**HACT 173 Beginning Dance Team 1****1 Cr Hrs**

This course involves participating on the Golden Girls Dance Team. Practice is mandatory. Must have adequate exercise and dance apparel. Prerequisite: Adviser permission.

**HACT 174 Beginning Dance Team 2****1 Cr Hrs**

This course is a continuation of HACT 173 and involves participating on the Golden Girls Dance Team. Practice is mandatory. Must have adequate exercise and dance apparel. Prerequisite: Adviser permission.

**HACT 175 Basketball for Men 1****1 Cr Hrs**

Students in this course receive one credit hour for participating in intercollegiate competitive basketball throughout the season. Corequisite: HACT 177

**HACT 176 Basketball for Men 2****1 Cr Hrs**

This is a continuation of HACT 175. Students in this course receive one credit hour for participating in intercollegiate competitive basketball throughout the season. Corequisite: HACT 178.

**HACT 177 Basketball Weight Training for Men 1****1 Cr Hrs**

This a specialized course designed around specific weight training techniques for men's basketball. Corequisite: HACT 175.

**HACT 178 Basketball Weight Training for Men 2****1 Cr Hrs**

This course is a continuation of HACT 177 and is designed around specific weight training techniques for men's basketball. Corequisite: HACT 176.

**HACT 179 Softball 1****1 Cr Hrs**

Students in this course receive one credit hour for participating in intercollegiate competitive softball throughout the season. Corequisite: HACT 181.

**HACT 180 Softball 2****1 Cr Hrs**

This course is a continuation of HACT 179. Students in this course receive one credit hour for participating in intercollegiate competitive softball throughout the season. Corequisite: HACT 182.

**HACT 181 Softball Weight Training 1****1 Cr Hrs**

This is a specialized course designed around specific weight training techniques for women's softball. Corequisite: HACT 179.

**HACT 182 Softball Weight Training 2****1 Cr Hrs**

This course is a continuation of HACT 181 and is designed around specific weight training techniques for women's softball. Corequisite: HACT 180.

**HACT 183 Basketball for Women 1****1 Cr Hrs**

Students in this course receive one credit hour for participation in intercollegiate competitive basketball throughout the season. Corequisite: HACT 185.

**HACT 184 Basketball for Women 2****1 Cr Hrs**

This is a continuation of HACT 183. Student in this course receive one credit hour for participating in intercollegiate competitive basketball throughout the season. Corequisite: HACT 185.



- HACT 185 Basketball Weight Training for Women 1** 1 Cr Hrs  
This is a specialized course designed around specific weight training techniques for women's basketball. Corequisite: HACT 183.
- HACT 186 Basketball Weight Training Women 2** 1 Cr Hrs  
This course is a continuation of HACT 185 and is designed around specific weight training techniques for women's basketball. Corequisite: HACT 184.
- HACT 187 Baseball 1** 1 Cr Hrs  
Students in this course receive one credit hour for participating in intercollegiate competitive baseball throughout the season. Corequisite: HACT 189.
- HACT 188 Baseball 2** 1 Cr Hrs  
This is a continuation of HACT 187. Students in this course receive one credit hour for participating in intercollegiate competitive baseball throughout the season. Corequisite: HACT 190.
- HACT 189 Baseball Weight Training 1** 1 Cr Hrs  
This is a specialized course designed around specific weight training techniques for baseball. Corequisite: HACT 187.
- HACT 190 Baseball Weight Training 2** 1 Cr Hrs  
This course is a continuation of HACT 189 and is designed around specific weight training techniques for men's baseball. Corequisite: HACT 188.
- HACT 191 Volleyball 1** 1 Cr Hrs  
Students in this course receive one credit hour for participating in intercollegiate competitive women's volleyball throughout the season. Corequisite: HACT 193
- HACT 192 Volleyball 2** 1 Cr Hrs  
This course is a continuation of HACT 191. Students in this course receive one credit hour for participating in intercollegiate competitive women's volleyball throughout the season. Corequisite: HACT 194.
- HACT 193 Volleyball Weight Training 1** 1 Cr Hrs  
This is a specialized course designed around specific weight training techniques for women's volleyball. Corequisite: HACT 191.
- HACT 194 Volleyball Weight Training 2** 1 Cr Hrs  
This course is a continuation of HACT 193 and is designed around specific weight training techniques for women's volleyball. Corequisite: HACT 192.
- HACT 195 Rodeo Team Conditioning 1** 1 Cr Hrs  
This is a specialized course designed around specific weight training techniques for rodeo. Corequisite: HACT 197.
- HACT 196 Rodeo Team Conditioning 2** 1 Cr Hrs  
This course is a continuation of HACT 195 and is designed around specific weight training techniques for rodeo. Corequisite: HACT 195.
- HACT 197 Rodeo 1** 1 Cr Hrs  
Students in this course receive one credit hour for participating in intercollegiate competitive rodeo throughout the season. Corequisite: HACT 195.
- HACT 198 Rodeo 2** 1 Cr Hrs  
This is a continuation of HACT 197. Students in this course receive one credit hour for participating in intercollegiate competitive rodeo throughout the season. Corequisite: HACT 196.
- HACT 260 Adv. Cheerleader Weight Training I** 1 Cr Hrs  
This course is a continuation of HACT 160 and is designed around specific weight training techniques for Cheerleaders. Prerequisite: HACT 160. Fall
- HACT 261 Adv. Cheerleader Weight Training 2** 1 Cr Hrs  
This course is a continuation of HACT 161 and is designed around specific weight training techniques for Cheerleaders. Prerequisite: HACT 161. Spring
- HACT 271 Advanced Cheerleading 1** 1 Cr Hrs  
This course involves participation in collegiate cheerleading throughout the season. Prerequisite: permission of instructor/adviser.
- HACT 272 Advanced Cheerleading 2** 1 Cr Hrs  
This course is a continuation of HACT 271. The course involves participation in collegiate cheerleading throughout the season. Prerequisite: permission of instructor/adviser.
- HACT 273 Advanced Dance Team 1** 1 Cr Hrs  
This course involves participating on the Golden Girls Dance Team. Practice is mandatory. Participants must have adequate exercise and dance apparel. Prerequisite: Adviser permission.
- HACT 274 Advanced Dance Team 2** 1 Cr Hrs  
This course is a continuation of HACT 273 and involves participating on the Golden Girls Dance Team. Practice is mandatory. Participants must have adequate exercise and dance apparel. Prerequisite: Adviser permission.
- HACT 275 Advanced Basketball for Men 1** 1 Cr Hrs  
Students in this course receive one credit hour for participating in intercollegiate competitive men's basketball throughout the season. Corequisite: HACT 277.
- HACT 276 Advanced Basketball for Men 2** 1 Cr Hrs  
This is a continuation of HACT 275. Student s in this course receive one credit hour for participating in intercollegiate competitive men's basketball throughout the season. Corequisite: HACT 278.
- HACT 277 Adv Basketball Weight Training Men 1** 1 Cr Hrs  
This course introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive basketball. Corequisite: HACT 275.
- HACT 278 Adv Basketball Weight Training for Men 2** 1 Cr Hrs  
This is a continuation of HACT 277 and introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive basketball. Corequisite: HACT 276.
- HACT 279 Advanced Softball 1** 1 Cr Hrs  
Students in this course receive one credit hour for participating in intercollegiate competitive women's softball throughout the season. Corequisite: HACT 281.
- HACT 280 Advanced Softball 2** 1 Cr Hrs  
This is a continuation of HACT 279. Students in this course receive one credit hour for participating in intercollegiate competitive women's softball throughout the season. Corequisite: HACT 282.
- HACT 281 Advanced Softball Weight Training 1** 1 Cr Hrs  
This course introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive women's softball. Corequisite: HACT 279.
- HACT 282 Advanced Softball Weight Training 2** 1 Cr Hrs  
This course is a continuation of HACT 281 and introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive women's softball. Corequisite: HACT 280.
- HACT 283 Advanced Basketball for Women 1** 1 Cr Hrs  
This is a continuation of HACT 283. Students in this course receive one credit hour for participating in intercollegiate competitive women's basketball throughout the season. Corequisite: HACT 286.

**HACT 284 Advanced Basketball for Women 2** 1 Cr Hrs  
Students in this course receive one credit hour for participating in intercollegiate competitive women's basketball throughout the season. Corequisite: HACT 285.

**HACT 285 Adv Basketball Weight Training Women 1** 1 Cr Hrs  
This course introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive basketball. Corequisite: HACT 283.

**HACT 286 Adv Basketball Weight Training Women 2** 1 Cr Hrs  
This is a continuation HACT 285 and introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive basketball. Corequisite: HACT 284.

**HACT 287 Advanced Baseball 1** 1 Cr Hrs  
Students in this course receive one credit hour for participating in intercollegiate competitive men's baseball throughout the season. Corequisite: HACT 289.

**HACT 288 Advanced Baseball 2** 1 Cr Hrs  
This is a continuation of HACT 287. Students in this course receive one credit hour for participating in intercollegiate competitive men's baseball throughout the season. Corequisite: HACT 290.

**HACT 289 Advanced Baseball Weight Training 1** 1 Cr Hrs  
This course introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive baseball. Corequisite: HACT 287.

**HACT 290 Advanced Baseball Weight Training 2** 1 Cr Hrs  
This course is a continuation of HACT 289 and introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive baseball. Corequisite: HACT 288.

**HACT 291 Advanced Volleyball 1** 1 Cr Hrs  
Students in this course receive one credit hour for participating in intercollegiate competitive women's volleyball throughout the season. Corequisite: HACT 293.

**HACT 292 Advanced Volleyball 2** 1 Cr Hrs  
This is a continuation of HACT 291. Students in this course receive one credit hour for participating in intercollegiate competitive women's volleyball throughout the season. Corequisite: HACT 294.

**HACT 293 Advanced Volleyball Weight Training 1** 1 Cr Hrs  
This course introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive women's volleyball. Corequisite: HACT 292.

**HACT 294 Advanced Volleyball Weight Training 2** 1 Cr Hrs  
This is a continuation of HACT 293 and introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive women's volleyball. Corequisite: HACT 291.

**HACT 295 Advanced Rodeo Team Conditioning 1** 1 Cr Hrs  
This course introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive rodeo. Corequisite: HACT 297.

**HACT 296 Advanced Rodeo Team Conditioning 2** 1 Cr Hrs  
This course is a continuation of HACT 295 and introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive rodeo. Corequisite: HACT 298.

**HACT 297 Advanced Rodeo 1** 1 Cr Hrs  
Students in this course receive one credit hour for participating in intercollegiate competitive rodeo throughout the season. Corequisite: HACT 295.

**HACT 298 Advanced Rodeo 2** 1 Cr Hrs  
This is a continuation of HACT 297. Students in this course receive one credit hour for participating in intercollegiate competitive rodeo throughout the season. Corequisite: HACT 296.

## OUTDOOR RECREATION COURSES:

**HREC 140 Beginning Skiing** 1 Cr Hrs  
This course is for students with no or little experience. Instruction will focus on balance, movement, stopping, and linking turns on gentle slopes. The student furnishes or rents his/her ski equipment and pays an additional fee for ski lift tickets and transportation. This course may be repeated once.

**HREC 141 Intermediate & Advanced Skiing** 1 Cr Hrs  
This course is for intermediate to advanced skiers who have already mastered turning and stopping on gentle slopes and who to learn intermediate to advanced techniques on various terrains. The student furnishes or rents his/her ski equipment and pays an additional fee for lift tickets and transportation. This course may be repeated once.

**HREC 142 Beginning Snowboarding** 1 Cr Hrs  
This course is for students who have no or little snowboarding experience. Instruction will focus on balance, movement, stopping, and linking turns on gentle slopes. The student furnishes or rents his/her snowboarding equipment and pays an additional fee for lift ticket and transportation. This course may be repeated once.

**HREC 143 Intermediate & Advanced Snowboarding** 1 Cr Hrs  
This course is for intermediate to advanced snowboarders who have already mastered the ability to turn both heelside and toeside on gentle slopes. Students will learn specific techniques needed to safely navigate a variety of mountain terrain (terrain parks, powder, etc.) The student furnishes or rents his/her snowboard equipment and pays an additional fee for lift tickets and transportation. This course may be repeated once.

**HREC 144 Beginning Cross-country Skiing** 1 Cr Hrs  
This is a beginning cross-country skiing course that is designed for participants of varying abilities. Instruction will be suited for the beginning cross-country ski level. The student furnishes or rents his/her ski equipment and pays an additional fee for transportation. This course may be repeated once.

**HREC 145 Introduction to Climbing** 1 Cr Hrs  
This course is an introductory climbing course. Instruction is available for students of varying abilities with emphasis placed upon climbing movement. The student furnishes or rents his/her climbing equipment and pays a fee for the class. This course may be repeated once.

**HREC 146 Intermediate Climbing** 2 Cr Hrs  
This course prepares the climber to safely climb on his or her own in an unsupervised setting and builds upon the basic skills learned in HACT 145. Course content includes safely evaluating a climb, building anchor systems, rope management, rappelling, self rescue, and improving climbing technique. The course includes at least one multi-day trip to local climbing areas. Students must furnish or rent basic climbing equipment. This course includes a course fee. Prerequisite: HREC 145 or instructor permission.

**HREC 147 Beginning Kayaking** 1 Cr Hrs  
Beginning Kayaking introduces students to the exciting world of whitewater kayaking. In a classroom environment, students learn kayak safety, environmental etiquette, equipment essentials, fundamentals of river reading, and basic concepts for kayak trips. Through direct participation in a controlled environment (swimming pool and slow-moving water) students learn basic kayaking skills, including strokes (sweep, draw, scull), bracing (low and back), wet exit, boat lean, basic

boat control, and self-rescue rolls (Eskimo or C to C). Students will be prepared for an instructional river trip at the end of the course. Field trip and lab fee required. This course may be repeated once.

**HREC 148 Intermediate Kayaking & Whitewater Safety 1 Cr Hrs**

Utilizing a combination of indoor pool sessions and actual experience on rivers, this course builds upon the foundation established in beginning kayaking. In addition to classroom work, emphasis is placed on refinement of paddle strokes and rolling techniques. This course includes a course fee. This course may be repeated once. Prerequisite: HREC 147 or instructor permission.

**HREC 149 Dutch Oven Cooking 1 Cr Hrs**

This course is designed for students with little or no Dutch oven cooking experience, this class introduces the basic skills required to cook with Dutch ovens. Working in small groups, students will learn to cook in Dutch ovens by preparing entrees, breads, vegetables, and desserts during class. Other topics will include cleaning and caring for Dutch ovens and the history of Dutch oven cooking. This course may be repeated once. Fee required.

**HREC 240 Map, Compass, and Backcountry Navigation 1 Cr Hrs**

This course is designed to develop the knowledge and skills necessary for practical application of map and compass and wilderness navigation concepts, including map and field bearings, declination, resection, contour line interpretation, GPS receiver use, map types, scales, and coordinate systems. This course may be repeated once. Fee required.

**HREC 241 Winter Survival Skills 1 Cr Hrs**

This course is designed to equip students with the knowledge necessary for a 72 hour winter survival situation. Course content includes winter shelter building, recognizing and treating frostbite, signaling, fire building, survival psychology, nutrition needs, clothing, and equipment. This course may be repeated once. Fee required.

**HREC 242 Wilderness Survival Skills 1 Cr Hrs**

This course is designed to equip students with the knowledge and skills necessary for a 72 hour fall or summer survival situation. Course content includes signaling, shelter building, hypothermia, survival kits, fire building, direction finding, and desert hazards. This course may be repeated once. Fee required.

**HREC 243 Backpacking 1 Cr Hrs**

This course is designed to develop the knowledge and skills necessary to participate in a backpacking activity, serving as a solid introductory course for the beginning backpacker and good refresher course for participants with backpacking experience. The course will cover the history, philosophy, rules, fundamental/progression of techniques, strategy, and safety in the activity of backpacking. The course includes a backpacking excursion. This course may be repeated once. Fee required.

**HREC 244 Introduction to Mountain Biking 1 Cr Hrs**

This course is a well-rounded introduction to Mountain Biking, including an explanation of techniques, equipment, and safety considerations. It is the goal of this course to give students the basic skills and knowledge to safely enjoy and further explore the sport of Mountain Biking on their own. The student furnishes or uses CSI Mt. Bikes and equipment and pays an additional fee for the class. Topics include riding techniques, clothing, equipment, safety and bike maintenance. This course may be repeated once.

# LIBRARY AND INFORMATION SCIENCE DEPARTMENT

## PROGRAMS OF STUDY

### LIBRARY AND INFORMATION SCIENCE

**Contact: Steve Poppino, (208) 732-6504**  
**spoppino@csi.edu**

The Library and Information Science program prepares students for entering careers in library and information professions, promotes information literacy in a technological and knowledge-based environment, as well as offers opportunities for professionals, paraprofessionals and the wider community to update their skills and knowledge through continuing education courses, workshops, and seminars.

Completion of the following program of study is designed to result in an Associate of Arts degree in Library and Information Science, and meets the general education requirements at all Idaho public universities. Some of our graduates will work as paraprofessionals (library technicians), while others may choose to continue their studies at various four-year institutions. Students intending to become librarians should consider pursuing an American Library Association accredited MLS/MLIS degree. Requirements for school librarians (media generalists/specialists) vary from state to state, but generally include valid teaching credentials with a special media endorsement or certification.

Although some courses in our program may be transferable to various four-year programs, transferability will depend on the specific requirements of the college in question, and therefore students who plan on continuing their education in the field, should talk to their advisor very early in their academic career and will need to work closely on course selection with the institution to which they are planning to transfer.

**Program Application Required: No**

**Sample Career Opportunities:** Library Science Teachers;  
 Librarians

*\*Talk to an advisor for additional career choices*

Associate of Arts  
 Major Code: 1602R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
SOCY 105	Human Relations	3
LIIS 150	Intro to Library & Information Science	3
LIIS 270	Information Literacy	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
LIIS 230	Library Technology	3
LIIS 250	Reference Resources and Services*	3
<b>Total</b>		<b>15</b>
<b>Fall Semester Sophomore Year</b>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
LIIS 210	Organization of Info & Resources*	3
SCIG GE	Any Gen. Ed. Science Course	4
EARC 194	Intro to Teaching Children's Literature	3
<b>Total</b>		<b>15-16</b>
<b>Spring Semester Sophomore Year</b>		
LIIS 260	Copyright & Intellectual Property	1
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
ELEC GE	Any additional Gen. Ed. credits	4
BUSA 265	Legal Environment	3
<b>Total</b>		<b>15</b>
<b>Total Credit Hours Required for this Major:</b>		<b>60-61</b>
<i>*Prerequisite or corequisite required.</i>		



# COURSE DESCRIPTIONS

## LIBRARY AND INFORMATION SCIENCE

### **LIIS 150 Introduction to Library & Information Science 3 Cr Hrs**

This course provides students with an introduction to the purpose, functions, values, history, current state and future of library and information services, the different types of modern libraries, the principles and methods by which they are organized, career opportunities in the industry/profession, as well as relevant legal and ethical issues.

### **LIIS 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

### **LIIS 210 Organization of Information & Resources 3 Cr Hrs**

This course introduces students to the philosophy, tools and methods of cataloging print and non-print materials using the RDA rules, the Dewey Decimal Classification, and the Library of Congress Classification. Prerequisite: LIIS 150.

### **LIIS 230 Library Technology 3 Cr Hrs**

This course provides an introduction to information technology in libraries. The course focuses on applications for libraries, and it includes use, operation, and management of computer, audiovisual, communication, and print equipment; the criteria for selection of software and hardware; evaluation of library technology; legal and safety aspects.

### **LIIS 250 Reference Resources and Services 3 Cr Hrs**

This course is an introduction to the reference process, effective and efficient search strategies, ethical considerations, library instruction, and methods of evaluating reference services. Students will learn about major trends - emphasizing the changing nature of reference services. Prerequisite: LIIS 150.

### **LIIS 260 Copyright & Intellectual Property 1 Cr Hrs**

This is an introduction to the nature and forms of intellectual property in the modern technological world, the rights of intellectual property creators and owners, and the rights and responsibilities of intellectual property users. Included is an overview of the principles of copyright law with an emphasis on their application within an educational environment.

### **LIIS 270 Information Literacy 3 Cr Hrs**

This course focuses on fostering intellectual curiosity and developing independent lifelong learners. Students will learn how to recognize when information is needed, the type and amount of information needed, as well as how to effectively and efficiently search for, access, and retrieve and evaluate sources of information.

# INFORMATION TECHNOLOGY DEPARTMENT

## PROGRAMS OF STUDY

### ADMINISTRATIVE ASSISTANT

Contact: **Lori Garnand, (208) 732-6317**  
lgarnand@csi.edu

This program is designed to prepare students with an understanding of the technical and human relations skills necessary for a position in any office. Additional information can be found at [http://it.csi.edu/office\\_technology/index.asp](http://it.csi.edu/office_technology/index.asp)

This program requires admission to the program, students must complete the first semester of classes in the program and meet with the program advisor before they will be admitted. Program admissions and major changes will be evaluated by faculty the fourth week of October and March.

Students will complete a Technical Skills Assessment to demonstrate program competency.

Gainful employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Admin>

**Program Application Required: Yes**

**Sample Career Opportunities:** Executive Secretaries and Executive Administrative Assistants

*\*Talk to an advisor for additional career choices*

### Intermediate Technical Certificate Major Code: 4338T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ACCB 129	Introduction to Bookkeeping	4
CISA 101 or	Office Applications Overview	3
BUSA 215	Introduction to Information Science	
CISA 104	Business Writing (Fall Only)	3
CISA 110	Applied Business Math	2
ENGL 101	English Composition	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
CISA 114	Office Procedures (Spring Only)	3
CISA 116	Spreadsheet Applications	3
CISA 142	Document Processing*	3

MATH 123	Math in Modern Society	3
SOCS GE	Any Gen. Ed. Soc. Science Course	3
<b>Total</b>		<b>15</b>

**Total Credit Hours Required for this Major: 30**

*\*Prerequisite or corequisite required.*

### Associate of Applied Science Major Code: 4338A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ACCB 129	Introduction to Bookkeeping	4
CISA 101 or	Office Applications Overview	3
BUSA 215	Introduction to Information Science	
CISA 104	Business Writing (Fall Only)	3
CISA 110	Applied Business Math	2
ENGL 101	English Composition	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
CISA 114	Office Procedures (Spring Only)	3
CISA 116	Spreadsheet Applications	3
CISA 142	Document Processing*	3
MATH 123	Math in Modern Society	3
SOCS GE	Any Gen. Ed. Soc. Science Course	3
<b>Total</b>		<b>15</b>
<b>Fall Semester Sophomore Year</b>		
CISA 103	Workforce Skills Essentials	3
CISA 145	Integrated Software Applications (Fall Only)	3
CISA 204	Records Systems Management (Fall Only)	3
COMM 101	Fundamentals of Oral Communication	3
ELEC GE	Any additional Gen. Ed. Credits	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Sophomore Year</b>		
CISA 107	Communicating with Technology (Spring Only)	3
CISA 231	Internship 1	3
CISG 204	Copy Editing	3
CISA 245	Office Technology Integration (Spring Only)	3
HOSM 174	Customer Service & Conflict Resolution	3
<b>Total</b>		<b>15</b>
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required.*

## COMPUTER SUPPORT TECHNICIAN

Contact: Kirk Ruby, (208) 732-6316  
kruby@csi.edu

The one-year technical certificate option is designed to provide students with the skills and knowledge to become employable as an entry-level Computer Support Technician. Students will be able to assemble and troubleshoot PCs along with managing operating systems. In addition, this program serves as a skills development tract for those students wishing to go onto a two-year Network Systems Technician degree or IT Development and Security degree.

This program requires admission to the program, students must complete the first semester of classes in the program and meet with the program advisor before they will be admitted. Program admissions and major changes will be evaluated by faculty the fourth week of October and March.

The Computer Support Technician Program embodies all the information necessary to become CompTIA A+ certified, but does not guarantee certification. It is the student's responsibility to schedule and complete the certification tests if they desire.

Students will complete a Technical Skills Assessment to demonstrate program competency.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/ComputerSupport>

### Program Application Required: Yes

**Sample Career Opportunities:** Computer Systems Analysts;  
Information Security Analysts; Computer Network Architects;  
Computer Network Support Specialists

\*Talk to an advisor for additional career choices

### Technical Certificate Major Code: 4330T

\*\*Alternative plans of study available by contacting your advisor

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
CISS 107	IT Essentials	3
CISS 213	CISCO Networking I*	1
CISS 212	CISCO Lab*	2
CISW 111	Web Authoring	3
MATH GE	Any Gen Ed. Math	3
SOCS GE	Any Gen Ed. Social Science	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
CISS 110	Troubleshooting the PC*	2
CISS 110L	Troubleshooting Lab*	1
CISS 131	Server Technologies I	3
CISS 212	CISCO Lab*	2
CISS 216	CISCO Networking 2*	1
CISW 125	Intro to Programming	3
ENGL 101	English Composition*	3
<b>Total</b>		<b>15</b>
<b>Total Credit Hours Required</b>		<b>30</b>

\*Prerequisite or corequisite required.

## IT DEVELOPMENT AND SECURITY

Contact: Brian Gergens, (208) 732-6313  
bgergens@csi.edu

This program is designed to prepare students for employment in the diverse world of software development and computer security. Students will learn the basics of software development and participate in software development projects. Students will also learn the basics of how to secure an organization's computer systems, and be exposed to both defensive and offensive security techniques. Students will complete a Technical Skills Assessment to demonstrate program competency

Students must complete the first semester of classes in the program and meet with the program advisor before they will be admitted to the program. Program admissions and major changes will be evaluated by faculty the fourth week of October and March. The first two semesters of the program are the required courses for the Computer Support Technical Certificate and students must complete and apply for that Certificate before enrolling in the IT Development & Security courses.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/WebDev>

### Program Application Required: Yes

**Sample Career Opportunities:** Computer Systems Analysts;  
Information Security Analysts;

\*Talk to an advisor for additional career choices

### Associate of Applied Science Major Code: 4340A

\*\*Alternative plans of study available by contacting your advisor

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
CISS 107	IT Essentials	3
CISS 213	CISCO Networking I*	1
CISS 212	CISCO Lab	2
CISW 111	Web Authoring	3
MATH GE	Any Gen. Ed. Math	3
SOCS GE	Any Gen. Ed. Social Science	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
CISS 110	Troubleshooting the PC*	2
CISS 110L	Troubleshooting Lab*	1
CISS 131	Server Technologies I	3
CISS 212	CISCO Lab	2
CISS 216	CISCO Networking 2*	1
CISW 125	Introduction to Programming	3
ENGL 101	English Composition*	3
<b>Total</b>		<b>15</b>
<b>Fall Semester Sophomore Year</b>		
CISA 103	Workforce Skills	3
CISW 129	Web Programming with PHP	3
CISS 236	Linux	3
CISW 217	Database Systems (fall only)	3
CISW 240	IT Security (fall only)	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Sophomore Year</b>		
CISW 121	DHTML*	3
CISW 250	Ethical Hacking and Countermeasures (sp. only)	3
CISW 298	Comprehensive IT Capstone (sp. only)	3
COMM 101	Introduction to Oral Communication	3
ELEC GE	General Education Elective	3
<b>Total</b>		<b>15</b>
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

\*Prerequisite or co-requisite required.

## DIGITAL MEDIA

Contact: Teresa Sept, (208) 732-6315  
tsept@csi.edu

Digital Media is a program designed for students interested in studying the creation, use, and management of high-quality digital media content. The primary focus is on the production and application of digital multimedia, web design, video, and graphic design for print in a project-based, hands-on learning environment. Course work prepares graduates to work as freelancers or in a variety of industries as digital media creators and content managers.

This program requires admission to the program, students must complete the first semester of classes in the program and meet with the program advisor before they will be admitted. Program admissions and major changes will be evaluated by faculty the fourth week of October and March. For more information about this program including a semester sequence of courses see our website at: [http://it.csi.edu/computer\\_graphics/index.asp](http://it.csi.edu/computer_graphics/index.asp)

### Program Application Required: Yes

**Sample Career Opportunities:** Multimedia Artists and Animators; Graphic Designers

*\*Talk to an advisor for additional career choices*

### Intermediate Technical Certificate Major Code: 4336T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
CISG 101	Photoshop 1*	3
CISG 105	Survey of Graphic Design	3
CISG 106	Typography and Letter Forms	3
CISG 109	Digital Media Tools	3
ENGL 101	English Composition	3
<b>Total</b>		<b>15</b>

<b>Spring Semester Freshman Year</b>		
CISG 110	Video Editing	3
CISW 111	Web Authoring	3
CISG 116	Intro to Vector Drawing	3
MATH GE	Any Gen Ed Math	3
SOCS GE	Any Gen. Ed. Social Science	3
<b>Total</b>		<b>15</b>

**Total Credit Hours Required for this Major: 30**

*\*Prerequisite or corequisite required.*

## Associate of Applied Science Major Code: 4336A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
CISG 101	Photoshop 1*	3
CISG 105	Survey of Graphic Design	3
CISG 106	Typography	3
CISG 109	Intro to Digital Media Tools	3
ENGL 101	English Composition*	3
<b>Total</b>		<b>15</b>

<b>Spring Semester Freshman Year</b>		
CISG 110	Video Editing	3
CISG 116	Introduction to Vector Drawing	3
CISW 111	Web Authoring	3
SOCS GE	Any Gen Ed. Social Science	3
MATH GE	Any Gen Ed Math	3
<b>Total</b>		<b>15</b>

<b>Fall Semester Sophomore Year</b>		
CISG 102	Photoshop 2	3
CISG 207	Page Layout and Design (Fall only)	3
CISG 210	Multimedia Authoring (Fall only)	3
CISW 113	Website Design & Management*	3
ELEC GE	Any additional Gen Education class	3
<b>Total</b>		<b>15</b>

<b>Spring Semester Sophomore Year</b>		
CISG 208	Advanced Electronic Publishing	3
CISG 213	Production Multimedia* (Spring only)	3
CISG 280	Digital Media Portfolio	3
CISG 204	Copy Editing	3
COMM 101	Fundamentals of Oral Communication	3
<b>Total</b>		<b>15</b>

**Total Credit Hours Required for this Major 60**

*\*Prerequisite or corequisite required.*



## NETWORK SYSTEMS TECHNICIAN

Contact: RD Van Noy, (208) 732-6309  
rvannoy@csi.edu

Student will gain skills that should prepare them to pass industry certification exams including Microsoft, Cisco, and CompTIA. Successful completers will be a valuable asset to corporate IT departments that utilize Microsoft networks, or Cisco routers and switches, and PC computing hardware and software. Students will complete a Technical Skills Assessment to demonstrate program competency. See our website at [http://it.csi.edu/network\\_support/index.asp](http://it.csi.edu/network_support/index.asp) for more information.

Students must complete the first semester of classes and meet with the program advisor before they will be admitted to the program. Program admissions and major changes will be evaluated by faculty the fourth week of October and March. The first two semesters of the program are the required courses for the Computer Support Technical Certificate and students must complete and apply for that Certificate before enrolling in the Network Systems courses.

Gainful Employment information for this program may be found on the department web page: <https://www.csi.edu/ge/NetworkTech>

**Program Application Required:** Yes

**Sample Career Opportunities:** Network administrator; technician

*\*Talk to an advisor for additional career choices*

Associate of Applied Science  
Major Code: 4337A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
CISS 107	IT Essentials	3
CISS 213	CISCO Networking 1*	1
CISS 212	CISCO Lab*	2
CISW 111	Web Authoring	3
MATH GE	Any General Education Math	3
SOCS GE	Any Gen. Ed. Social Science	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
CISS 110	Troubleshooting the PC*	2
CISS 110L	Troubleshooting Lab*	1
CISS 131	Server Technologies I	3
CISW 125	Introduction to Programming	3
ENGL 101	English Composition	3
CISS 212	CISCO Lab	2
CISS 216	CISCO Networking 2*	1
<b>Total</b>		<b>15</b>
<b>Fall Semester Sophomore Year</b>		
CISA 103	Workforce Skills	3
CISS 212	CISCO Lab	2
CISS 219	CISCO 3*	1
CISS 233	Server Technologies II*	3
CISW 217	Database Systems or Internship	3
or CISS 223	Advanced Internship	
COMM 101	Introduction to Oral Communication	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Sophomore Year</b>		
CISS 222	CISCO 4*	1
CISS 212	CISCO Lab	2
CISS 234	Server Technologies III*	3
CISS 236	Linux	3
CISS 242	Systems Integration	3
ELEC GE	General Education Elective	3
<b>Total</b>		<b>15</b>
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>
<i>*Prerequisite or corequisite required.</i>		

# COURSE DESCRIPTIONS

## COMPUTER INFORMATION SYSTEMS-APPLICATIONS

### **CISA 001 Introductory Computing 1 Cr Hrs**

Course is designed to introduce students with no computer experience to basic computer concepts and skills. Students will have the opportunity to work in a Windows environment with emphasis on using a mouse, using menus, dialog boxes, toolbars, hyperlinks, and command buttons. Students will be introduced to basic document formatting and using e-mail to send files. Students will also be introduced to Blackboard and MyCSI.

### **CISA 101 Office Applications Overview 3 Cr Hrs**

This course will explore the features and functions of commonly used computer applications including but not limited to word processors, spreadsheets, presentation software and databases.

### **CISA 103 Workforce Skills Essentials 3 Cr Hrs**

This course is designed to provide students the opportunity to acquire and adopt methods to support success in the workplace. Topics include job seeking techniques, goal setting, workplace communication, change strategies and life-long professional development.

### **CISA 104 Business Writing 3 Cr Hrs**

This course is designed for those students who are enrolled in a Technical curriculum. This course provides an introduction to the general principles of effective communication with emphasis on the content, style, and form as well as instruction in the techniques pertinent to specific types of business correspondence. Practice will consist of composing various types of business communications.

### **CISA 107 Communicating with Technology 3 Cr Hrs**

In this course, students will learn how to deliver a wide range of business documents, e-mails and oral presentations in the context of solving realistic business case problems. Students will use technology to communicate effectively, address the needs of diverse audiences, collaborate with others and consider the ethical implication of technology use.

### **CISA 109 Basic Keyboarding 1 Cr Hrs**

This course is offered for non majors who desire to learn the touch method for keyboarding. Students must type 20 correct words a minute on a one minute timed test to pass.

### **CISA 110 Applied Business Math 2 Cr Hrs**

This course is designed to prepare students to apply mathematics to business situations. Students will learn how to calculate payroll, interest and retail evaluations while developing efficiency using the ten-key calculator. Students will also explore how these same calculations can be completed using a spreadsheet program.

### **CISA 114 Office Procedures 3 Cr Hrs**

This course provides knowledge in the areas of ergonomics, mailing procedures, telephone procedures and services, office technology, records management, filing, reprographics, information processing, travel procedures, financial obligations, human relations, and management and supervision fundamentals. Prerequisite: CISA 101 or consent of the instructor. As part of this course, students will take a Technical Skill Assessment to demonstrate program proficiency.

### **CISA 115 Introduction to Spreadsheets 1 Cr Hrs**

This course will provide hands-on training in the practical application of spreadsheet software emphasizing the process of creating, formatting, enhancing, revising, saving and printing spreadsheets. Students will be introduced to problem solving using formulas and functions and charting data.

### **CISA 116 Spreadsheet Applications 3 Cr Hrs**

This course will continue exploration of the commands and applications of the Excel spreadsheets, including graphs, database functions, simple macros and more. Prerequisite: CISA 101 or BUSA 215.

### **CISA 125 Introduction to Database Management 1 Cr Hrs**

This course allows students to explore applications of computerized database management. Students will define database management; list uses; design, create, enter/edit records information; and print database files. Prerequisite: Basic keyboarding skills.

### **CISA 126 Database Applications 2 Cr Hrs**

This course will provide students with the knowledge of the concept of a database and maintaining a database. Topics include: creating and maintaining a database, a table, a form, a report, and relationships. Students will learn how to use the tools that are provided to make databases effective and efficient. Prerequisite: CISA 101 or instructor permission.

### **CISA 130 Introduction to Windows 1 Cr Hrs**

This course will provide instruction in the use of typical windowing operating systems and environments and includes examination and detail of graphical user interfaces and general fundamentals of computer system usage.

### **CISA 135 Introduction to Presentation Software 1 Cr Hrs**

This course provides instruction in developing computer presentations. Students will learn to use the software to incorporate color, animation, and sound in an on-screen presentation.

### **CISA 141 Introduction to Word Processing 1 Cr Hrs**

This course will provide hands-on training in practical applications using word processing software. Students will learn to create, edit, save, and print simple word processing documents. Students will be introduced to tabs, tables, footnotes, references, columns, inserting and formatting graphics.

### **CISA 142 Document Processing 3 Cr Hrs**

This course provides instruction using word processing features for the production of business letters, envelopes, multiple-page documents, reports, newsletters, tables, and other specialized business documents. The course emphasizes identification and troubleshooting problems associated with soft copy document production and stresses proper formatting.

### **CISA 145 Integrated Software Application 3 Cr Hrs**

In this course, students will continue to explore software applications topics and will use applications as a tool to efficiently solve problems and accomplish goals. Prerequisite: CISA 101, CISA 142 or instructor permission.

### **CISA 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

### **CISA 200 Office Technology Independent Study 1-3 Cr Hrs**

This is a term-long activity by contract. Each credit hour is equivalent to 45 hours of work on an agreed learning project. Students should make arrangements with the instructor in their field of interest. A request for this project must be approved by the instructor, department chairman, and appropriate Instructional Dean. Prerequisite: Instructor permission.

**CISA 204 Records System Management 3 Cr Hrs**

Students in this class will look at manual and computerized systems for the storage and retrieval of information. Students will learn the life cycle of a record and the filing and indexing rules set forth by the ARMA. Students will also learn and use the record management functionality of database applications. Prerequisite: CISA 101 or instructors permission.

**CISA 209 Skillbuilding 2 Cr Hrs**

This course is designed to build keyboarding speed and accuracy outside regular the document processing course. To get credit hours for this course, students must key 50 cwam for a 5 minute timed period and pass 60 cwam for a 1 minute timed paragraph.

**CISA 231 Internship 3 Cr Hrs**

This course provides students in the Administration Assistant major an opportunity to apply what they have learned in the classroom to an occupational situation. Students must complete 135 hours of approved activities at an instructor approved business/organization site. Prerequisite: Second-year standing in the Administrative Assistant Program.

**CISA 245 Office Technology Integration 3 Cr Hrs**

This course is designed as a culmination project for Administrative Assistant majors. Students will use advanced applications of office technology for the production of business documents, organizing and retrieving information, managing financial information, and working in a workgroup. Prerequisite: CISA 101, CISA 116, CISA 142, CISA 145, CISA 204.

**CISA 285 Cooperative Education 1-12 Cr Hrs**

Cooperative Education allows the student to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests and skill levels and the environment of the learning site. Written learning objectives agreed upon by the student, the department, and the employer will be the bases for evaluating, grading, and granting of credit hours.

**CISA 298 Comprehensive IT Project 3 Cr Hrs**

Students will complete an advanced project under the direction of IT faculty. The activity will be negotiated and graded by contract. The nature of the project will include elements from each facet of the student's program curriculum and will be evaluated by a committee of IT faculty. This project involves research and appropriate documentation. Instructor permission is required.

**CISA 299 Advanced Applications in Special Areas 3 Cr Hrs**

This course is designed for the experienced microcomputer user. It is designed for workshops, short courses, and seminars and may be applied to any specific microcomputer application area. Prerequisite: CISA 101 or instructor permission

based imaging program. Color theory will be introduced with an emphasis on producing and printing consistent color. Prerequisite: CISG 101 Photoshop 1.

**CISG 105 Survey of Graphic Design 3 Cr Hrs**

The Survey of Graphic Design (CISG 105) course is an exploration of the history, elements, principles, and effects of design, and how they are applied on the digital platform in raster and vector formats. The role of graphic designers as purveyors of unified visual communications is examined. Students use digital media to solve a variety of visual problems and communicate a clear, complete visual message.

**CISG 106 Typography and Letter Forms 3 Cr Hrs**

Students will learn to communicate effectively using type. By studying the history, the components of letterforms and classifications of types, student will create designs using type readably, directly, and with visual balance and coordination. Students will apply typographical terms, rules, and conventions to hands-on projects that emulate real-world design situations.

**CISG 109 Digital Media Tools 3 Cr Hrs**

Course introduces the basics of video production utilizing a personal camcorder and video editing equipment. Students study video technologies, basic equipment operation, basic lighting principles and audio recording fundamentals.

**CISG 110 Video Editing 3 Cr Hrs**

Course covers computer-based video editing technologies. Topics include creation of digital video productions for inclusion in multimedia and web applications, and creation of video productions using digital non-linear editing technologies. Prerequisite: CISG 109 or instructor permission.

**CISG 116 Introduction to Vector Drawing 3 Cr Hrs**

This course provides instruction in vector-based programs. Students will gain hands-on experience using vector-based programs to create images for publication. Prerequisite: CISG 101 and CISG 106.

**CISG 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**CISG 200 IT Independent Study 1-3 Cr Hrs**

Course is a term-long activity by contract. Each credit hour is equivalent to 45 hours of work on an agreed learning project. Students should make arrangements with the instructor in their field of interest. A request for this project must be approved by the instructor, department chairman, and appropriate Instructional Dean. Prerequisite: Instructor permission.

**CISG 201 Advanced Photoshop 3 Cr Hrs**

Advanced Photoshop builds upon the material presented in Photoshop 1 and Photoshop 2. Students explore Photoshop's tools and processes for manipulating images for a variety of applications. Students use layers, channels, and a broad variety of filters for creating compelling designs. Prerequisite: Photoshop 1; CISG 101 and Photoshop 2; CISG 102 or instructor permission.

**CISG 204 Copy Editing 3 Cr Hrs**

The student will enhance proofreading skills and will develop copy editing techniques for printed documents. Prerequisite: ENGL 101, or instructor permission.

**COMPUTER INFORMATION SYSTEMS-GRAPHICS****CISG 101 Photoshop 1 3 Cr Hrs**

Students will be introduced to pixel-based image editing. They will learn to open, manipulate, and save graphic files. Each student will repair-restore a damaged photo, create a photo composite, and transform a photo into art. Course will cover making selections, photo retouching, correcting and enhancing digital photographs, layer basics, masks and channels, typographic design, and preparing files for the Web. Prerequisite: Fundamental working knowledge of computers.

**CISG 102 Photoshop 2 3 Cr Hrs**

Students will continue their exploration of Photoshop through working with advanced layering and compositing tools, techniques, and processes. Students will create a digital painting and will learn to composite photographic art with digitally-created art. Students will be introduced to vector drawing tools and their applications in a pixel-

**CISG 207 Page Layout and Design 3 Cr Hrs**  
This course will provide instruction in page layout software and students will be introduced to basic page layout design principles. Students will create, save, retrieve, and print publications. Prerequisite: CISG 116 or instructor permission.

**CISG 208 Advanced Electronic Publishing 3 Cr Hrs**  
The primary goal of this course is to prepare students to enter the work force as graphic designers, utilizing hardware and software commonly used in today's publishing industry. Students will apply information gained in pre-requisite courses as they work from concept through composition and layout, proofing and final printing. Students will work both individually and in teams to design and produce pieces using page layout software, image editing software, and vector-based software as each project requires. Students will complete the course with portfolio items suitable for presentation to prospective employers and/or clients as a means of promoting themselves towards a career in graphic design. Prerequisite: CISG 106 and 207.

**CISG 210 Multimedia Authoring 3 Cr Hrs**  
This course will introduce students to the tools that are used in the creation of multimedia-rich learning presentations. Students will learn to use the authoring tools to create projects with a high level of interactivity and end-user tracking, combining a rich array of media with compelling interactivity--to enhance learning and deliver information. Emphasis will be placed on design document usability, interactivity, and authoring. Prerequisite: CISG 110 or instructor permission.

**CISG 213 Production Multimedia 3 Cr Hrs**  
This class will comprise of student teams developing a high-level, professional quality interactive multimedia project which will require prior knowledge in: design, video capture, and editing, sound capture and editing, digital image manipulation, animation, web animation, and authoring. Students will become the directors, producers, designers, software experts, sound engineers, and proofers of a final project developed to promote and organization or agency. In teams, students will create a final project which will encompass the student's work as well as reflect on their attained knowledge of multimedia design, principles of design, industry practices, and the use of technical applications. Prerequisite: CISG 210 or instructor permission

**CISG 214 Intro to 3D Animation 3 Cr Hrs**  
This course will provide instruction in 3-D animation, modeling, and rendering. Students will create computer generated 3-D forms and scenes then be able to animate and render a final product. Prerequisite: CISG 210

**CISG 223 Advanced Internship 3 Cr Hrs**  
Course will provide an opportunity for students to apply what they have learned in the classroom and to gain additional skills and knowledge in their occupational area of instruction. Students must complete a minimum of 135 hours in an instructor-approved activity at a business/industry/organization. Students must obtain an approved internship site. Students must also complete a printed portfolio which will be a compilation of current and previous semester artwork, a current resume, and other materials as assigned by the instructor.

**CISG 280 Digital Media Portfolio 3 Cr Hrs**  
Students will complete an advanced project under the direction of IT faculty. The activity will be negotiated with each student individually. The activity will be directed toward individual portfolio enhancement. Additional projects will include elements from each facet of the student's program curriculum and will be evaluated by IT faculty. Projects involve research and appropriate documentation. As part of this course, students will take a Technical Skill Assessment to demonstrate program proficiency.

**CISG 285 Cooperative Education 1-12 Cr Hrs**  
Cooperative Education allows the student to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests and skill levels and the environment of the learning site. Written learning objectives agreed upon by the student, the department, and the employer will be the bases for evaluating, grading, and granting of credit hours.

**CISG 298 Comprehensive IT Project 3 Cr Hrs**  
Students will complete an advanced project under the direction of IT faculty. The activity will be negotiated and graded by contract. The nature of the project will include elements from each facet of the student's program curriculum and will be evaluated by a committee of IT faculty. This project involves research and appropriate documentation. Instructor permission is required. As part of this course, students will take a Technical Skill Assessment to demonstrate program proficiency.

**CISG 299 Advanced Applications in Special Areas 3 Cr Hrs**  
This course is designed for the experienced microcomputer user. It is designed for workshops, short courses, and seminars and may be applied to any specific microcomputer application area. Prerequisite: CISA 101 or instructor permission

## COMPUTER INFORMATION SYSTEMS-SUPPORT

**CISS 107 It Essentials 3 Cr Hrs**  
This course presents an in-depth exposure to computer hardware and operating systems. Students learn the functionality of hardware and software components as well as suggested best practices in maintenance, and safety issues, through hands on activities and labs, students learn how to assemble and configure a computer, install operating systems and software, and troubleshoot hardware and software problems. Students will learn the role of system commands to manage the computer environment and optimize system performance. This course helps students prepare for CompTIA's A+ certification and is also a prerequisite to more advanced classes.

**CISS 110 Troubleshooting the PC 2 Cr Hrs**  
Through hands-on activities, lectures, and demonstrations, students will acquire a functional knowledge of computer software troubleshooting, and hardware troubleshooting. Prerequisite: CISS 107 or instructor permission. Corequisite: CISS 110L.

**CISS 110L Troubleshooting Lab 1 Cr Hrs**  
This course is the lab for the CISS 110 class. Course will prepare students to work with customers in a real-world environment. Corequisite: CISS 110. As part of this course, students will take a Technical Skill assessment to demonstrate program proficiency.

**CISS 131 Server Technologies I 3 Cr Hrs** This course provides the student with the skills to plan, install, and manage Microsoft network operating systems. Prerequisite: CISS 107.

**CISS 199 Special Topics 1-5 Cr Hrs**  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**CISS 200 IT Independent Study 1-3 Cr Hrs**  
Course is a term-long activity by contract. Each credit hour is equivalent to 45 hours of work on an agreed learning project. Students should make arrangements with the instructor in their field of interest. A request for this project must be approved by the instructor, department chairman, and appropriate Instructional Dean. Prerequisite: Instructor permission.



**CISS 212 CISCO Lab 2 Cr Hrs**

This course is complementary to all four Cisco Networking courses 1 through 4. This lab applies the concepts, knowledge, techniques, and best practices in a hands-on environment lead by the instructor and working with peers and peer groups. Corequisite: CISS 213 or CISS 216 or CISS 219 or CISS 222.

**CISS 213 CISCO Networking 1 1 Cr Hrs**

The CCNA Routing and Switching introductory courses introduce the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. By the end of either course, students will be able to build simple LAN, perform basic configurations for routers and switches, and implement IP addressing schemes. Corequisite: CISS 212.

**CISS 216 CISCO Networking 2 1 Cr Hr**

This course describes the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches, and resolve common issues with RIPv1, RIPv2, single-area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks. Prerequisites: CISS 213. Corequisites: CISS 212.

**CISS 219 CISCO Networking 3 1 Cr Hrs**

This course describes the architecture, components, and operations of routers and switches in a larger and more complex network. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, STP, and VTP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement DHCP and DNS operations in a network. Corequisite: CISS 216, CISS 212.

**CISS 222 CISCO Networking 4 1 Cr Hrs**

This course discusses the WAN technologies and network services required by converged applications in a complex network. The course enables students to understand the selection criteria of network devices and WAN technologies to meet network requirements. Students learn how to configure and troubleshoot network devices and resolve common issues with data link protocols. Students will also develop the knowledge and skills needed to implement IPSec and virtual private network (VPN) operations in a complex network. Corequisite: CISS 212.

**CISS 223 Advanced Internship 3 Cr Hrs**

This course will provide an opportunity for students to apply what they have learned in the classroom and to gain additional skills and knowledge in their occupational area of instruction. Students must complete a minimum of 135 hours in instructor-approved activities at a business/ industry/organization. Students must obtain an approved internship site.

**CISS 233 Server Technologies 2 3 Cr Hrs**

Focusing on Windows Server 2012, this course covers managing user and service accounts, maintaining active directory domain services, configuring and troubleshooting DNS, configuring and troubleshooting remote access, installing and configuring the network policy server role, optimizing file services, increasing file system security and implementing update management. This course maps to the Microsoft Certified Solutions Associate (MCSA) examination 70-411. Prerequisite: CISS 231.

**CISS 234 Server Technologies 3 3 Cr Hrs**

Focusing on Windows Server 2012, this course covers configuring and managing high availability, configuring file and storage solutions, implementing business continuity and disaster recovery, configuring network services, configuring the active directory infrastructure, configure identity and access solutions. This course maps to the Microsoft Certified Solutions Associate (MCSA) examination 70-412. Prerequisite: CISS 233.

**CISS 236 Linux 3 Cr Hrs**

In this course, starting with the basics-installing Linux, and using the command line, students will become proficient in many topics, including package management, common administrative tasks such as finding files and using the vi editor, and working with storage devices. The course will culminate in installing services on Linux, such as web and database servers, and a section on scripting the Linux shell, bash. Prerequisite: CISS 131 or instructor permission.

**CISS 241 Services Administration 3 Cr Hrs**

This course is a survey of common small, medium, and enterprise business servers and services. Students will develop basic competency with services terminology, interfaces, and some functionality. Services covered will be determined by recent market demand and popularity, and may include (but is not limited to): E-Mail services, collaboration services, database services, telephony services, process and workflow management services, learning management services, documentation services, and virtualization services. Prerequisite: CISS 233.

**CISS 242 Systems Integration 3 Cr Hrs**

This capstone course culminates all the Cisco, Microsoft, Linux/Unix, technologies and theory into an comprehensive class-wide project. Prerequisite: CISS 222

**CISS 285 Cooperative Education 1-12 Cr Hrs**

Cooperative Education allows the student to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests and skill levels and the environment of the learning site. Written learning objectives agreed upon by the student, the department, and the employer will be the bases for evaluating, grading, and granting of credit hours.

**CISS 298 Comprehensive IT Project 3 Cr Hrs**

Students will complete an advanced project under the direction of IT faculty. The activity will be negotiated and graded by contract. The nature of the project will include elements from each facet of the student's program curriculum and will be evaluated by a committee of IT faculty. This project involves research and appropriate documentation. Instructor permission is required.

**CISS 299 Advanced Applications in Special Areas 3 Cr Hrs**

This course is designed for the experienced microcomputer user. It is designed for workshops, short courses, and seminars and may be applied to any specific microcomputer application area. Prerequisite: CISA 101 or instructor permission.

**COMPUTER INFORMATION SYSTEMS - WEB****CISW 111 Web Authoring 3 Cr Hrs**

Students will learn the Hypertext Markup Language beginning with fundamentals and including color theory, Cascading Style Sheets (CSS), tables, frames, and forms. The course focuses on learning, reading, and writing HTML code from scratch.

**CISW 113 Website Design & Management 3 Cr Hrs**

This course provides a framework for best practice in website design. Students will learn the nature of usable websites, designing for aesthetic appeal, performing usability studies, information architecture, designing for accessibility, and addressing technical issues and constraints. Prerequisite: CISW 111.

**CISW 121 DHTML 3 Cr Hrs**  
 This course provides instruction in the Javascript scripting language. Focus is on client-side scripting to create dynamic and interactive web content, form validation, and customized content by integrating decision structures, functions, loops, arrays, and an understanding of browser DOM's. Prerequisite: CISW 111.

**CISW 125 Introduction to Programming 3 Cr Hrs**  
 Students will learn an object-oriented, event driven computer programming language, will design and run programs, will understand code and variables, and will create objects for forms and reports.

**CISW 127 Systems Analysis and Design 3 Cr Hrs**  
 Course provides an introduction to Systems Analysis and Design. Topics include analyzing the business case, requirements modeling, data and process modeling, and development strategies. Students also learn about output and user interface design, data design, systems architecture and implementation, and systems operation and security.

**CISW 129 Web Programming with PHP 3 Cr Hrs**  
 Students will use the PHP scripting language to create web applications with database connectivity. The course includes a discussion of my SQL database management system and fundamental aspects of the Apache open-source web server. Prerequisite: CISW 111.

**CISW 199 Special Topics 1-5 Cr Hrs**  
 This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**CISW 200 IT Independent Study 1-3 Cr Hrs**  
 Course is a term-long activity by contract. Each credit hour is equivalent to 45 hours of work on an agreed learning project. Students should make arrangements with the instructor in their field of interest. A request for this project must be approved by the instructor, department chairman, and appropriate Instructional Dean. Prerequisite: Instructor permission.

**CISW 217 Database Systems 3 Cr Hrs**  
 This course is an introduction to design, development and administration issues of relational databases and database management systems, and their applications to real-business problems. There will be special emphasis on Structured Query Language, logical data design techniques, and rapid prototyping of end user business applications.

**CISW 240 IT Security 3 Cr Hrs**  
 This course provides an introductory to intermediate survey of IT security. Topics covered include application and operating system security, network security, physical security, and the human element. Students will gain experience with a variety of security testing tools and methods.

**CISW 250 Ethical Hacking and Countermeasures 3 Cr Hrs**  
 To understand why IT vulnerabilities exist, and how to protect a system or network against them, one must understand the nature of these vulnerabilities, and how they are used to gain access to networks and systems. In a closed, controlled setting, students will learn the methodologies, tools and techniques used by penetration testers in order to properly secure their networks and systems. Prerequisites: CISW 240, CISS 236.

**CISW 285 Cooperative Education 1-12 Cr Hrs**  
 Cooperative Education allows the student to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests and skill levels and the environment of the learning site.

Written learning objectives agreed upon by the student, the department, and the employer will be the bases for evaluating, grading, and granting of credit hours.

**CISW 298 Comprehensive IT Project 3 Cr Hrs**  
 Students will complete an advanced project under the direction of IT faculty. The activity will be negotiated and graded by contract. The nature of the project will include elements from each facet of the student's program curriculum and will be evaluated by a committee of IT faculty. This project involves research and appropriate documentation. Instructor permission is required.

**CISW 299 Advanced Applications in Special Areas 3 Cr Hrs**  
 This course is designed for the experienced microcomputer user. It is designed for workshops, short courses, and seminars and may be applied to any specific microcomputer application area. Prerequisite: CISA 101 or instructor permission. As part of this course, students will take a Technical Skill Assessment to demonstrate program proficiency.

# MATHEMATICS, ENGINEERING AND COMPUTER SCIENCE DEPARTMENT

## PROGRAMS OF STUDY

### COMPUTER SCIENCE

**Contact:** Randy Berriochoa, (208) 732-6822  
berrioch@csi.edu

The Computer Science Program is an academic transfer program for students intending to complete a bachelor's degree in computer science at a four-year university. The curriculum emphasizes computer science, mathematics, and general education core courses. Computer scientists work as software engineers for applications, software engineers for systems, researchers, systems analysts, and database administrators.

Completion of the following courses is designed to result in an Associate's degree in computer science and meets the general education requirements at all Idaho public universities. Course selection should be coordinated to meet the requirements for your intended transfer institution.

**Program Application Required: No**

**Sample Career Opportunities:** Computer and Information Systems Managers; Computer and Information Research Scientists; Computer Systems Analysts; Database Administrators; Network and Computer Systems Administrators; Computer Network Architects

*\*Talk to an advisor for additional career choices*

### Associate of Science Major Code: 17015

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 170	Calculus 1*	5
COMS 224	Intro to Programming PASCAL	3
SCIG GE	Any Gen. Ed. Science Course	4
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
SOCS GE	Any Social Science Course	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
MATH 175	Calculus 2*	4
COMS 229	Intro to Programming C++*	3
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
MATH 176	Discrete Mathematics*	4
MATH 275	Calculus 3*	4
SOCS GE2	Any Social Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
HUMA GE	Any Gen. Ed. Humanities Course	3
<b>Total</b>		<b>17</b>
<b>Spring Semester Sophomore Year</b>		
COMS 250	Data Structures*	3
MATH 310	Ordinary Differential Equations*	3
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
ELEC GE	Any additional Gen. Ed. credits	2
ELEC ANY	College Level Electives	4
<b>Total</b>		<b>15</b>
<b>Recommended Elective Courses</b>		
COMS 226	Introduction to Programming JAVA*	3
PHYS 211	Physics Scientists & Engineers 1*	5
PHYS 212	Physics Scientists & Engineers 2*	5
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

*\*Prerequisite or Corequisite required.*

## ENGINEERING – AGRICULTURE

Contact: Andrew Cluff, (208) 732-6829  
acluff@csi.edu

The Agricultural Engineering Program is an academic transfer program designed to prepare students to complete a Bachelor's degree in agricultural engineering at a four-year university. Students in this program concentrate on math, natural sciences, and engineering sciences. Students complete their core general education requirements at the transfer school.

Agricultural engineers design and develop equipment and systems to grow, harvest and process agricultural products. They also are heavily involved in developing biological systems for handling agricultural waste and producing fuels from agricultural products. Many agricultural engineers develop bioengineering expertise.

The program is designed to result in an Associate's degree in engineering and does not meet the general education requirements at all Idaho public universities. Course selection should be coordinated to meet the requirements for your intended transfer institution.

**Program Application Required: No**

**Sample Career Opportunities:** Agricultural Engineers

*\*Talk to an advisor for additional career choices*

### Associate of Engineering Major Code: 1711E

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 170	Calculus 1*	5
CHEM 111	Principles of Chemistry 1*	5
ENGI 105	CAD Engineering Graphics	2
ENGI 120	Introduction to Engineering*	2
<b>Total</b>		<b>17</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
MATH 175	Calculus 2*	4
PHYS 211	Physics Scientists & Engineers 1*	5
CHEM 112	Principles of Chemistry 2*	5
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
MATH 275	Calculus 3*	4
ENGI 210	Mechanics Statics*	3
ENGI 241	Engineering Measurements*	4
PHYS 212	Physics Scientists & Engineers 2*	5
<b>Total</b>		<b>16</b>
<b>Spring Semester Sophomore Year</b>		
COMS 224	Intro to Programming PASCAL*	3
or COMS 229	Intro to Programming C++	3
ENGI 220	Mechanics Dynamics*	3
ENGI 240	Electrical Circuits*	4
MATH 310	Ordinary Differential Equations*	3
HUMA GE	Any Gen. Ed. Humanities Course	3-6
or SOCS GE	Any Gen. Ed Soc. Science Course	3-6
<b>Total</b>		<b>16-19</b>

**Total Credit Hours Required for this Major: 66-69**

*\*Prerequisite or corequisite required.*

## ENGINEERING – CHEMICAL

Contact: Andrew Cluff, (208) 732-6829  
acluff@csi.edu

The Chemical Engineering Program is an academic transfer program with coursework equivalent to the first two years of the chemical engineering curriculum at the University of Idaho. The program emphasizes math, chemistry, and physics. Students finish the general education core requirements at the transfer institution.

Chemical engineers design processes to change raw materials into economically viable products. Chemical engineers often work in the petroleum, plastics, food, pharmaceutical and environmental industries.

The program is designed to result in an Associate's degree in engineering and does not meet the general education requirements at all Idaho public universities. Course selection should be coordinated to meet the requirements for your intended transfer institution.

**Program Application Required: No**

**Sample Career Opportunities:** Chemical Engineers

*\*Talk to an advisor for additional career choices*

### Associate of Engineering Major Code: 1712E

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 170	Calculus 1*	5
CHEM 111	Principles of Chemistry 1*	5
ENGI 105	CAD Engineering Graphics	2
ENGI 120	Introduction to Engineering*	2
<b>Total</b>		<b>17</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
MATH 175	Calculus 2*	4
PHYS 211	Physics Scientists & Engineers 1*	5
CHEM 112	Principles of Chemistry 2*	5
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
MATH 275	Calculus 3*	4
ENGI 210	Mechanics Statics*	3
CHEM 298	Organic Chemistry 1*	4
PHYS 212	Physics Scientists & Engineers 2*	5
HUMA GE	Any Gen. Ed. Humanities Course	3
or SOCS GE	Any Gen. Ed Soc. Science Course	
<b>Total</b>		<b>19</b>
<b>Spring Semester Sophomore Year</b>		
COMS 224	Intro to Programming PASCAL*	3
or COMS 229	Intro to Programming C++	
CHEM 299	Organic Chemistry 2*	5
ENGI 240	Electrical Circuits*	4
MATH 310	Ordinary Differential Equations*	3
<b>Total</b>		<b>15</b>

**Total Credit Hours Required for this Major: 68**

*\*Prerequisite or corequisite required.*



## ENGINEERING – CIVIL

Contact: Andrew Cluff, (208) 732-6829  
acluff@csi.edu

The Civil Engineering program is an academic transfer program designed to prepare students to finish a Bachelor's degree in civil engineering at a four-year college. The course work emphasizes math, natural sciences, physics, engineering sciences and English. Students finish their general education core requirements at the transfer institution.

Civil engineers are involved in the design of transportation infrastructure (roads, bridges, airports, seaports, dams, and rail lines) and water projects (irrigation, drinking water supply systems and sewage and waste management). They also are involved with the design and construction of structures. Civil engineers often work as consultants and for public agencies at the local, state and federal levels.

The program is designed to result in an Associate's degree in engineering and does not meet the general education requirements at all Idaho public universities. Course selection should be coordinated to meet the requirements for your intended transfer institution.

### Program Application Required: No

**Sample Career Opportunities:** Civil Engineers

*\*Talk to an advisor for additional career choices*

### Associate of Engineering Major Code: 1713E

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 170	Calculus 1*	5
CHEM 111	Principles of Chemistry 1*	5
ENGI 105	CAD Engineering Graphics	2
ENGI 120	Introduction to Engineering*	2
<b>Total</b>		<b>17</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
MATH 175	Calculus 2*	4
PHYS 211	Physics Scientists & Engineers 1*	5
CHEM 112	Principles of Chemistry 2*	5
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
MATH 275	Calculus 3*	4
ENGI 210	Mechanics Statics*	3
ENGI 241	Engineering Measurements*	4
PHYS 212	Physics Scientists & Engineers 2*	5
HUMA GE or SOCS GE	Any Gen. Ed. Humanities Course Any Gen. Ed Soc. Science Course	0-3
<b>Total</b>		<b>16-19</b>
<b>Spring Semester Sophomore Year</b>		
COMS 224 or COMS 229	Intro to Programming PASCAL* Intro to Programming C++	3
ENGI 220	Mechanics Dynamics*	3
ENGI 240	Electrical Circuits*	4
MATH 310	Ordinary Differential Equations*	3
GEOL 101	Physical Geology	4
<b>Total</b>		<b>17</b>
<b>Total Credit Hours Required for this Major:</b>		<b>67-70</b>

*\*Prerequisite or corequisite required.*

## ENGINEERING – COMPUTER

Contact: Andrew Cluff, (208) 732-6829  
acluff@csi.edu

The Computer Engineering program is an academic transfer program that provides students with coursework similar to the first two years of a bachelor's degree in computer engineering at a four-year institution. The program emphasizes math, computer programming, science and general education core requirements.

Computer engineers design, construct and operate computer systems. They specialize in digital and operating systems, networks, hardware and software. They often team with engineers from other disciplines to incorporate computer systems and controls into a wide range of devices.

The program is designed to result in an Associate degree in engineering and does not meet the general education requirements at all Idaho public universities. Course selection should be coordinated to meet the requirements for your intended transfer institution.

### Program Application Required: No

**Sample Career Opportunities:** Computer Hardware Engineers;  
Computer Network Architects; Software Developers;  
Architectural and Engineering Managers

*\*Talk to an advisor for additional career choices*

### Associate of Engineering Major Code: 1714E

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 170	Calculus 1*	5
ENGI 120	Introduction to Engineering*	2
COMM 101	Fundamentals of Oral Communication	3
COMS 224	Intro to Programming PASCAL*	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
MATH 175	Calculus 2*	4
PHYS 211	Physics Scientists & Engineers 1*	5
COMS 229	Intro to Programming C++*	3
Prog Elec	Program Elective	0-3
<b>Total</b>		<b>15-18</b>
<b>Fall Semester Sophomore Year</b>		
MATH 176	Discrete Mathematics*	4
PHYS 212	Physics Scientists & Engineers 2*	5
Prog Elec	Program Elective	7-10
<b>Total</b>		<b>16-19</b>
<b>Spring Semester Sophomore Year</b>		
MATH 310	Ordinary Differential Equations*	3
MATH 230	Introduction to Linear Algebra*	3
ENGI 240	Electrical Circuits*	4
COMS 250	Data Structures*	3
Prog Elec	Program Elective	4
<b>Total</b>		<b>17</b>
<b>Program Electives:</b>		<b>11-17</b>
CHEM 111	Principles of Chemistry 1*	5
HUMA GE	Any Gen. Ed. Humanities Course	3-11
MATH 275	Calculus 3*	4
SCIG GE	Any Gen. Ed. Science Course	4-5
SOCS GE	Any Gen. Ed Soc. Science Course	3-11
<b>Total Credit Hours Required for this Major:</b>		<b>64-70</b>

*\*Prerequisite or corequisite required.*

## ENGINEERING – ELECTRICAL

Contact: Andrew Cluff, (208) 732-6829  
acluff@csi.edu

The Electrical Engineering program is an academic transfer program for students intending to complete a Bachelor's degree in electrical engineering at a four-year institution. The curriculum emphasizes math, engineering sciences, natural sciences, and general education coursework. General education core requirements are completed at the transfer institution.

Electrical engineers work in energy generation and transmission, communications, control systems, circuit design and computers. Electrical engineers are involved in a wide range of projects including research, development, product design, testing, and sales and marketing.

The program is designed to result in an Associate degree in engineering and does not meet the general education requirements at all Idaho public universities. Course selection should be coordinated to meet the requirements for your intended transfer institution.

**Program Application Required: No**

**Sample Career Opportunities:** Aerospace Engineers; Electrical Engineers

*\*Talk to an advisor for additional career choices*

### Associate of Engineering Major Code: 1715E

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 170	Calculus 1*	5
CHEM 111	Principles of Chemistry 1*	5
ENGI 105	CAD Engineering Graphics	2
ENGI 120	Introduction to Engineering*	2
<b>Total</b>		<b>17</b>

#### Spring Semester Freshman Year

ENGL 102	English Composition 2*	3
MATH 175	Calculus 2*	4
PHYS 211	Physics Scientists & Engineers 1*	5
Prog Elec	Program Elective	3-5
<b>Total</b>		<b>15-17</b>

#### Fall Semester Sophomore Year

MATH 275	Calculus 3*	4
ENGI 210	Mechanics Statics*	3
PHYS 212	Physics Scientists & Engineers 2*	5
COMS 224 or COMS 229	Intro to Programming PASCAL* Intro to Programming C++	3
Prog Elec	Program Elective	3
<b>Total</b>		<b>18</b>

#### Spring Semester Sophomore Year

ENGI 220	Mechanics Dynamics*	3
ENGI 240	Electrical Circuits*	4
MATH 310	Ordinary Differential Equations*	3
Prog Elec	Program Elective	6-8
<b>Total</b>		<b>16-18</b>

#### Program Electives:

CHEM 112	Principles of Chemistry 2*	5
HUMA GE	Any Gen. Ed. Humanities Course	3-10
MATH 230	Introduction to Linear Algebra*	3
SCIG GE	Any Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3-10

**Total Credit Hours Required for this Major: 66-70**

*\*Prerequisite or corequisite required.*

## ENGINEERING – MECHANICAL

Contact: Andrew Cluff, (208) 732-6829  
acluff@csi.edu

The Mechanical Engineering program is an academic transfer program designed to provide students typical coursework for the first two years of a Bachelor's degree in mechanical engineering. Courses in math, physics, natural sciences, and engineering sciences are emphasized. Students finish their general education core requirements at the transfer institution.

Mechanical engineers design and develop all types of machines. Many mechanical engineers work in the transportation industry and are involved in the design of aircraft, spacecraft, automobiles, trucks, bicycles and propulsion systems.

The program is designed to result in an Associate degree in engineering and does not meet the general education requirements at all Idaho public universities. Course selection should be coordinated to meet the requirements for your intended transfer institution.

**Program Application Required: No**

**Sample Career Opportunities:** Cost Estimators; Aerospace Engineers; Mechanical Engineers

*\*Talk to an advisor for additional career choices*

### Associate of Engineering Major Code: 1716E

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 170	Calculus 1*	5
CHEM 111	Principles of Chemistry 1*	5
ENGI 105	CAD Engineering Graphics	2
ENGI 120	Introduction to Engineering*	2
<b>Total</b>		<b>17</b>

#### Spring Semester Freshman Year

ENGL 102	English Composition 2*	3
MATH 175	Calculus 2*	4
PHYS 211	Physics Scientists & Engineers 1*	5
Prog Elec	Program Elective	3-5
<b>Total</b>		<b>15-17</b>

#### Fall Semester Sophomore Year

MATH 275	Calculus 3*	4
ENGI 210	Mechanics Statics*	3
PHYS 212	Physics Scientists & Engineers 2*	5
COMS 224 or COMS 229	Intro to Programming PASCAL* Intro to Programming C++	3
Prog Elec	Program Elective	3
<b>Total</b>		<b>18</b>

#### Spring Semester Sophomore Year

ENGI 220	Mechanics Dynamics*	3
ENGI 240	Electrical Circuits*	4
MATH 310	Ordinary Differential Equations*	3
Prog Elec	Program Elective	6-8
<b>Total</b>		<b>16-18</b>

#### Program Electives:

CHEM 112	Principles of Chemistry 2*	5
HUMA GE	Any Gen. Ed. Humanities Course	3-10
MATH 230	Introduction to Linear Algebra*	3
SCIG GE	Any Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3-10

**Total Credit Hours Required for this Major: 66-70**

*\*Prerequisite or corequisite required.*

## MATHEMATICS

Contact: Nolan Rice, (208) 732-6819  
nrice@csi.edu

The A.S. degree in Mathematics is an academic transfer program for students intending to complete a Bachelor's degree in mathematics. The program is designed to give students a broad exposure to calculus, statistics, discrete math, computer science and linear algebra in order to prepare them to transfer to a four-year institution.

Mathematical concepts are employed wherever there are problems that involve quantity, structure, space, or change. Mathematicians generally use deductive reasoning, starting from axioms and definitions, to solve problems from business, industry, other sciences or from within mathematics itself. Although some jobs are open to mathematicians with a bachelor's degree, most require a graduate degree. Mathematicians typically find careers as actuaries, analysts, consultants, educators, programmers, or researchers.

The program is designed to result in an Associate's degree in mathematics and meets the general education requirements at all Idaho public universities. Course selection should be coordinated to meet the requirements for your intended transfer institution.

**Program Application Required: No**

**Sample Career Opportunities:** Mathematicians, Statisticians

*\*Talk to an advisor for additional career choices*

### Associate of Science Major Code: 1720S

*Alternative Plans of Study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 170	Calculus 1*	5
SCIG GE	Any Gen. Ed. Science Course	4
ELEC ANY	College Level Elective Courses	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
MATH 153	Elementary Statistics*	3
MATH 175	Calculus 2*	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
SOCS GE	Any Gen. Ed. Soc. Science Course	3
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
MATH 275	Calculus 3*	4
MATH 176	Discrete Mathematics*	4
COMM 101	Fundamentals of Oral Communication	3
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
HUMA GE	Any Gen. Ed. Humanities Course	3
<b>Total</b>		<b>17</b>
<b>Spring Semester Sophomore Year</b>		
MATH 310	Ordinary Differential Equations*	3
MATH 230	Introduction to Linear Algebra*	3
COMS 229	Intro to Programming C++*	3
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
ELEC GE	Any additional Gen. Ed. credits	3
<b>Total</b>		<b>15</b>
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

*\*Prerequisite or corequisite required.*

## COURSE DESCRIPTIONS

### COMPUTER SCIENCE

#### COMS 199 Special Topics 1-5 Cr Hrs

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

#### COMS 200 Computer Science Independent Study 1-5 Cr Hrs

This is a long-term activity by contract. Each credit hour is equivalent to 45 hours of work on an agreed learning project. Students should make arrangements with the instructor in their field of interest. The request for this project must be approved by the instructor, department chairman and appropriate Instructional Dean. Prerequisite: Instructor permission.

#### COMS 224 Intro to Programming PASCAL 3 Cr Hrs

This course includes logical design, structured programming concepts and coding of: input and output procedures, decision making structures, loops, subprograms, arrays, records, files, units and pointers.

#### COMS 226 Introduction to Programming JAVA 3 Cr Hrs

This course includes introduction to Java applications, introduction to applets, control structures, methods, arrays, object oriented programming, inheritance, polymorphisms, strings and characters, graphical user interface components, exception handling, files, and streams. Prerequisite: COMS 224, COMS 229, CISW 125 or permission of the instructor.

#### COMS 228 Programming Visual Basic 3 Cr Hrs

This course teaches how to program using the Visual Basic language. Students will learn about elements of a Visual Basic application, data and operations, controlling input and output, selection, repetition structures, sub procedures and functions, structured data, accessing databases, processing Visual Basic data files, introduction to classes.

#### COMS 229 Intro to Programming C++ 3 Cr Hrs

This course includes logical design and coding of: input and output operations, logical if statements, case statements, loops, functions, pointers, structures, classes and advanced classes. Prerequisite: COMS 224, COMS 228, CISW 125, or permission of the instructor.

#### COMS 250 Data Structures 3 Cr Hrs

Data structures are examined using a high level language such as PASCAL, JAVA, or C++. Stacks, queues, linked lists, trees and graphs are presented and explored through manipulation methods specific to each. Additional topics are dynamic memory use and external files. Prerequisite: MATH 147 and COMS 224 or COMS 229.

### ENGINEERING

#### ENGI 105 CAD Engineering Graphics 2 Cr Hrs

This course is designed to develop skills in engineering graphic communication using freehand sketches and computer aided drawing. Topics covered include: orthographic projection, section and auxiliary views, pictorial representation, lettering, dimensioning and scales. Prerequisite: Engineering major or permission of instructor required.

#### ENGI 120 Introduction to Engineering 2 Cr Hrs

This course covers the history of engineering, engineering disciplines, ethics, statistics, graphing, and problem solving. It is a required first course for all engineering majors. Corequisite: MATH 147 or permission of the instructor.

**ENGI 199 Special Topics 1-5 Cr Hrs**  
 This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**ENGI 210 Mechanics Statics 3 Cr Hrs**  
 This first course in engineering mechanics addresses addition and resolution of forces, vector algebra, graphical methods, equilibrium, free body diagrams, trusses, frames, friction, centroids and moments of inertia, and fluid statics. Prerequisite: MATH 170 and PHYS 211.

**ENGI 220 Mechanics Dynamics 3 Cr Hrs**  
 This course covers particle and rigid body kinematics and kinetics, work/energy, impulse/momentum concepts, and combined scalar/vector approach. Prerequisite: ENGI 210 or equivalent.

**ENGI 240 Electrical Circuits 4 Cr Hrs**  
 The topics for this course include introduction to dc., transient, and sinusoidal steady-state electric circuit analysis, mid-transient analysis by Laplace transform methods. Corequisite: MATH 310.

**ENGI 241 Engineering Measurements 4 Cr Hrs**  
 This course is a study of the theory and practice of plane surveying, types and distribution of errors, use of surveying instruments, planning, and advanced surveying concepts. Prerequisite: MATH 023 or 123.

## MATHEMATICS

**MATH 015 Prealgebra 3 Cr Hrs**  
 This course emphasizes prealgebra concepts and is designed to equip students with skills necessary to be successful in Math 025 Beginning Algebra. A review of arithmetic operations with whole numbers, integers, and rational numbers integrating algebraic concepts such as vocabulary, simplifying variable expressions, solving linear equations, order of operations, exponents, radicals, ratios and percentages. Prerequisite: Placement test score.

**MATH 023 Mathematics for College Readiness 4 Cr Hrs**  
 This course is designed to prepare the student for Math 123. It covers properties of real numbers with emphasis on positive and negative numbers, order of operations agreement, variable terms and expressions, linear equations in one variable, polynomials, factoring, basic graphing techniques, inequalities, an introduction to radicals, and the rational number system, including fractions and decimals. Prerequisite: COMPASS PreAlgebra 17 38-99 or Algebra 26-45.

**MATH 025 Beginning Algebra 3 Cr Hrs**  
 This course is designed to develop basic algebra skills. It covers positive and negative integers, exponents, fractions, first-degree equations and inequalities in one variable, polynomials, evaluation of algebraic expressions, factoring, rational expressions, radicals, an introduction to graphing in a quadrant system, and operations on sets. Students are not advised to go on to the next math course in the sequence if course grade or outcomes assessment indicates a below-average achievement. Prerequisite: MATH 015 with a 'C' grade or better or placement test score.

**MATH 043 Algebra for College Readiness 4 Cr Hrs**  
 This course is designed to prepare the student for College Algebra, Precalculus, and Elementary Statistics. It covers graphing on the Cartesian coordinate plane, algebraic expressions and factoring, first-degree equations and inequalities, linear functions, quadratic equations and functions, systems of linear equations, polynomials, rational expressions, negative and rational exponents, radicals, graphing functions, logarithms, and application problems. Prerequisite: COMPASS PreAlgebra 53-99 or Algebra 26-61.

**MATH 099B Mathematics for College Readiness 3 Cr Hrs**  
 This course is designed to prepare students to be successful in college-level mathematics and covers arithmetic and basic algebra skills. Topics include the real number system operations and properties, and will emphasize vocabulary, simplifying variable expressions, solving linear equations, exponents, radicals, ratios, percentages, polynomials, algebraic expressions and factoring, rational expressions, graphing on the Cartesian coordinate plane, solving first-degree equations and inequalities in one variable, and evaluation of algebraic expressions. Prerequisite: Placement test score.

**MATH 100 Math Independent Study 1 Cr Hrs**  
 This course is for independent study in mathematics by special arrangement with the instructor. Prerequisite: Requires instructor approval.

**MATH 108 Intermediate Algebra 4 Cr Hrs**  
 This course is designed to prepare the student for college algebra. It covers first-degree equations and inequalities, linear functions, systems of linear equations, polynomials, factorization, rational expressions, negative and rational exponents, radicals, quadratic equations, graphing functions, logarithms, and application problems. Prerequisite: MATH 025 with 'C' grade or better or CSI placement test score.

**MATH 123 Math in Modern Society 3 Cr Hrs**  
 This survey course provides an opportunity to acquire an appreciation of the nature of mathematics and its relation to other aspects of our culture. The course is rigorous but not rigid and applies mathematics to real-world problems. Prerequisite: Math 023 with a 'C' or better or CSI placement test score

**MATH 130 Finite Math 4 Cr Hrs**  
 This course is designed for students pursuing degrees in business, criminal justice, education, nursing, sociology and related fields. Course topics include functions, linear and nonlinear mathematical models, system of linear equations, linear programming, matrix algebra and applications, mathematics of finance, elementary probability and statistics. Prerequisite: Math 043 with a grade of 'C' or better or CSI placement test score.

**MATH 143 College Algebra 3 Cr Hrs**  
 This course includes fundamental concepts of Algebra; equations and inequalities; functions and graphs; polynomial, rational, exponential and logarithmic functions; systems of equations and inequalities; conics; the Binomial Theorem. Credit hours are not granted in both MATH 143 and MATH 147. Prerequisite: MATH 043 with a grade of 'C' or better or CSI placement test score.

**MATH 144 Trigonometry 2 Cr Hrs**  
 This course covers right triangle and circular function approaches to trigonometry, graphs of trig functions, trig identities, conditional equations, right and non-right triangle applications of trigonometry, inverse trig functions, trigonometry of complex numbers including DeMoivre's Theorem, polar coordinates and equations, parametric equations. Students desiring both college algebra and trigonometry should take MATH 147. Credit hours are not granted in both MATH 144 and MATH 147. Prerequisite: MATH 143 with a grade of 'C' or better, CSI placement test score, or permission of instructor.

**MATH 147 Precalculus 5 Cr Hrs**  
 This is a single course equivalent to College Algebra (MATH 143) plus Trigonometry (MATH 144). Credit hours are not granted in both MATH 143 and MATH 147 nor in both MATH 144 and MATH 147. Prerequisite: MATH 043 with a grade of 'C' or better or CSI placement test score.



**MATH 153 Elementary Statistics 3 Cr Hrs**

This algebra-based probability and statistics course covers descriptive statistics, binomial and normal distributions, confidence intervals, and hypothesis testing using z, t, chi square, and f distributions. Correlation and regression are also introduced. Prerequisite: Math 043 with a "C" or better, or CSI placement test score. COMPASS Algebra 62, College Algebra 31, SAT Math 540, or ACT Math 23.

**MATH 157 Math for Elementary Teachers 1 3 Cr Hrs**

This course includes problem solving, set theory, numeration systems, integers, number theory, rational numbers, exponents and real numbers. Prerequisite: MATH 143 or MATH 147 with a grade of 'C' or better.

**MATH 160 Brief Calculus 4 Cr Hrs**

This course is designed for students with business, social science and life science majors. It covers functions, limits, continuity, derivative, maxima-minima, applications of the derivative, exponential and logarithmic functions, functions of several variables, maxima and minima of functions of several variables, integration, and applications of the integral. Prerequisite: MATH 143 or MATH 147 with a grade of 'C' or better.

**MATH 170 Calculus 1 5 Cr Hrs**

This is the first course in the calculus sequence. It covers algebraic and transcendental functions, rate of change, limits, continuity, differentiation of algebraic, trig, exponential, logarithmic, and hyperbolic functions, differentials, applications of differentiation, definite and indefinite integrals, area between curves, volumes and other applications of integration, indeterminate forms, and L'Hopital's Rule. Prerequisite: MATH 147 or its equivalent with a grade of 'C' or better or permission of the instructor.

**MATH 175 Calculus 2 4 Cr Hrs**

This is the second course in the calculus sequence. It covers techniques of integration, improper integrals, Simpson's Rule, Trapezoid Rule, arc length, surface area, and other applications of integration, direction (slope) fields, parametric equations, polar calculus, conic sections, infinite sequences and series, power series, Taylor's formula. Prerequisite: MATH 170 with a grade of 'C' or better or permission of the instructor.

**MATH 176 Discrete Mathematics 4 Cr Hrs**

This course is designed to prepare the student for computer science and upper-division mathematics courses. Material covered will include sets, propositions, proofs, functions and relations, equivalence relations, quantifiers, Boolean algebras, graphs, and difference equations. Corequisite: MATH 170 or permission of the instructor.

**MATH 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**MATH 200 Mathematics Independent Study 1-3 Cr Hrs**

This is a long-term activity by contract. Each credit hour is equivalent to 45 hours of work on an agreed learning project. Students should make arrangements with the instructor in their field of interest. The request for this project must be approved by the instructor, department chairman and appropriate Instructional Dean. Prerequisite: Instructor permission.

**MATH 230 Introduction to Linear Algebra 3 Cr Hrs**

This course includes the application of matrices, determinants, linear transformations, and vector spaces. Prerequisite: MATH 170 or MATH 160 with a grade of 'C' or better or permission of the instructor.

**MATH 257 Math for Elementary Teachers 2 3 Cr Hrs**

This course includes algebraic reasoning, functions, probability, introduction to statistics, geometry and concepts of measurement. Prerequisite: MATH 157 or instructor permission.

**MATH 275 Calculus 3 4 Cr Hrs**

This is the final course in the calculus sequence. Topics include vectors, functions of several variables, multiple integration, parametric surfaces, vector fields and three-dimensional vector algebra. Applications involve the Fundamental Theorem of Line Integrals, Green's Theorem, the Divergence Theorem and Stoke's Theorem. Prerequisite: MATH 175 with a grade of 'C' or better or permission of the instructor.

**MATH 310 Ordinary Differential Equations 3 Cr Hrs**

This course includes theory and application of ordinary differential equations including classification, initial and boundary value problems of one variable, exact equations, methods of solving higher-order linear equations, second-order equations with constant coefficients, series solutions, systems of linear equations, Laplace transforms and existence theorems. Prerequisite: MATH 175 with a grade of 'C' or better, or permission of the instructor.

# PHYSICAL SCIENCE DEPARTMENT



## PROGRAMS OF STUDY

### CHEMISTRY

**Contact:** Dr. Joseph Gardner, (208) 732-6427  
josephgardner@csi.edu

Chemistry studies the composition of matter and the changes it undergoes. Students majoring in chemistry at CSI can obtain an A.S. degree and transfer to four-year institutions to complete their Bachelor's or other advanced degrees. Chemistry has thousands of applications in everyday life. Chemistry majors can pursue careers in medicine, engineering, environmental science, forensic science, as well as traditional chemistry fields such as biochemistry, organic, analytical, inorganic and physical chemistry.

**Program Application Required:** No

**Sample Career Opportunities:** Chemists

*\*Talk to an advisor for additional career choices*

### Associate of Science Major Code: 2001S

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH 170	Calculus 1*	5
CHEM 111	Principles of Chemistry 1*	5
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
MATH 175	Calculus 2*	4
CHEM 112	Principles of Chemistry 2*	5
PHYS 211	Physics Scientists & Engineers 1*	5
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
HUMA GE	Any Gen. Ed. Humanities Course	3
CHEM 298	Organic Chemistry 1*	4
PHYS 212	Physics Scientists & Engineers 2*	5
ELEC GE	Any additional Gen. Ed. credits	1
<b>Total</b>		<b>13</b>
<b>Spring Semester Sophomore Year</b>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
CHEM 253	Quantitative Analysis*	5
or CHEM 299	Organic Chemistry 2	
SCIG GE	Any Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
SOCS GE	Any Social Science Course	3
SOCS GE2	Any Social Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>18</b>
<b>Recommended Elective Courses:</b>		
MATH 275	Calculus 3*	4
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

*\*Prerequisite or Corequisite required.*

## GEOLOGY

**Contact:** Shawn Willsey, (208) 732-6421  
swillsey@csi.edu

Geology examines all aspects of the physical Earth: its materials, processes, and history. Geology is a physical science and therefore requires a solid background in mathematics, chemistry and physics. Additionally, geologists need to have good computer and communication skills. Students majoring in geology at CSI can obtain an A.S. degree and then transfer to a four-year university to complete their Bachelor's or advanced degrees. Work and career paths for majors vary widely because geology is a broad and diverse science. Geologists typically divide their time between the field, lab, and office. Geologists are typically employed by a variety of organizations including, oil and gas industry, mining companies, environmental consulting firms, and national and state government agencies.

**Program Application Required: No**

**Sample Career Opportunities:** Natural Sciences Managers; Geoscientists; Hydrologists; Atmospheric, Earth, Marine, and Space Sciences Teachers

*\*Talk to an advisor for additional career choices*

Associate of Science  
Major Code: 2003S

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
CHEM 111	Principles of Chemistry 1*	5
MATH 170	Calculus 1*	5
GEOL 101	Physical Geology	4
<b>Total</b>		<b>17</b>

<b>Spring Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
CHEM 112	Principles of Chemistry 2*	5
MATH 175	Calculus 2*	4
PHYS 111	General Physics 1*	4
or PHYS 211	Physics Scientists & Engineers 1	5
<b>Total</b>		<b>16-17</b>

<b>Fall Semester Sophomore Year</b>		
ENGL 102	English Composition 2*	3
PHYS 112	General Physics 2*	4
or PHYS 212	Physics Scientists & Engineers 2	5
HUMA GE	Any Gen. Ed. Humanities Course	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>13-14</b>

<b>Spring Semester Sophomore Year</b>		
GEOL 102	Historical Geology	4
SOCS GE2	2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines</i>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
ELEC ANY	Electives: Bring Total to 64 Credits	6-8
<b>Total</b>		<b>16-18</b>

**Recommended Elective Courses:**

GEOL 126	Fundamentals of GIS	3
GEOL 155	Introduction to GPS	2
GEOL 226	Spatial Analysis with GIS	3
GEOL 275	Field Geology	1-4

**Total Credit Hours Required for this Major: 64**

*\*Prerequisite or corequisite required.*

## PHARMACY (PRE)

**Contact:** Dr. Heidi Campbell, (208) 732-6429  
hcampbell@csi.edu OR

**Megan Jacobson, (208)732-6426**  
mjacobson@csi.edu

The Pre-Pharmacy program is designed to meet the most common lower-division admissions requirements for professional pharmacy schools. Students should consult with their intended transfer institutions early in their studies. The program does not offer any pharmacy or pharmacological courses, but provides a strong foundation in chemistry, biology, physics, and mathematics. Students completing the program requirements are granted an A.S. degree and may apply to a College of Pharmacy at the institution(s) of their choice or pursue further studies at a four-year institution.

**Program Application Required: No**

**Sample Career Opportunities:** Pharmacist

*\*Talk to an advisor for additional career choices*

Associate of Science  
Major Code: 2004S

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 170	Calculus*	5
BIOL 201	Biology 1	4
CHEM 111	Principles of Chemistry 1*	5
<b>Total</b>		<b>17</b>

<b>Spring Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 102	English Composition 2*	3
BIOL 227	Human Anatomy & Physiology 1	4
CHEM 112	Principles of Chemistry 2*	5
ECON 201	Principles of Macroeconomics	3
or ECON 202	Principles of Microeconomics	
<b>Total</b>		<b>18</b>

<b>Fall Semester Sophomore Year</b>		
HUMA GE	Any Gen. Ed. Humanities Course	3
BIOL 250	General Microbiology*	4
CHEM 298	Organic Chemistry 1*	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
PHYS 111	General Physics 1*	4
<b>Total</b>		<b>18</b>

<b>Spring Semester Sophomore Year</b>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
BIOL 228	Human Anatomy & Physiology 2*	4
CHEM 299	Organic Chemistry 2*	5
MATH 153	Elementary Statistics*	3
<b>Total</b>		<b>15</b>

**Total Credit Hours Required for this Major: 68**

*\*Prerequisite or corequisite required.*



## PHYSICS

Contact: Mark Daily, (208) 732-6424  
mdaily@csi.edu

Physics is the study of the fundamental rules of the universe and their application to the worlds around us. Students majoring in physics at CSI can obtain an A.S. degree, and transfer to four-year institutions to complete their Bachelor's or other advanced degrees. Due to the fundamental nature of the study of physics, students majoring in physics have virtually unlimited academic and career options. From traditional physics subjects such as Newtonian mechanics, light and matter interactions, astronomy, cosmology, nuclear and condensed matter physics, to chemistry, biology, medicine, and all types of engineering, physicists have successfully pursued careers in such widely varying subjects as finance and sports training. The more you know about the rules of the universe, the more you can do with them.

**Program Application Required: No**

**Sample Career Opportunities:** Physicists

*\*Talk to an advisor for additional career choices*

### Associate of Science Major Code: 2005S

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 170	Calculus 1*	5
COMM 101	Fundamentals of Oral Communication	3
CHEM 111	Principles of Chemistry 1*	5
<b>Total</b>		<b>16</b>

#### Spring Semester Freshman Year

ENGL 102	English Composition 2*	3
MATH 175	Calculus 2*	4
CHEM 112	Principles of Chemistry 2*	5
PHYS 211	Physics Scientists & Engineers 1*	5
<b>Total</b>		<b>17</b>

#### Fall Semester Sophomore Year

PHYS 212	Physics Scientists & Engineers 2*	5
HUMA GE	Any Gen. Ed. Humanities Course	3
SOCS GE	Any Gen. Ed. Soc. Science Course	3
ELEC ANY	College LLevel Electives	3
<b>Total</b>		<b>14</b>

#### Spring Semester Sophomore Year

HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SCIG GE	Any Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
ELEC GE	Any additional Gen. Ed. credits	1
ELEC ANY	College LLevel Electives	6
<b>Total</b>		<b>17</b>

#### Recommended Elective Courses:

MATH 230	Introduction to Linear Algebra*	3
MATH 275	Calculus 3*	4
MATH 310	Ordinary Differential Equations*	3
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

*\*Prerequisite or corequisite required.*

## SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH (STEM)

Contact: Mark Daily, (208)732-6424  
mdaily@csi.edu

The Associate of Science-Science, Technology, Engineering, and Math (STEM) degree emphasizes a broad program of study in science, technology, engineering, math and related fields. The program of study includes an introduction to professions in STEM and a STEM learning project. The program provides students who have not decided on a specific STEM career path an opportunity to develop a foundation in STEM and to take courses that lead to a variety of STEM careers. With careful advising, students can follow a specific STEM pathway that has been designed to articulate to an Idaho public four-year college or university bachelorette degree program. Students are strongly encouraged to work with an advisor and transfer institution.

It is strongly recommended that students contact their transfer institution as soon as possible regarding specific coursework needed for the transfer institution's core curriculum, college of education requirements, and/or state certification requirements.

**Program Application Required: No**

*\*Talk to an advisor for additional career choices*

### Path A

#### Associate of Science Major Code: 2006S

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 170	Calculus 1*	5
COMM 101	Fund of Oral Communication	3
CHEM 111	Principles of Chemistry 1*	5
STEM 100	Professions in STEM	1
<b>Total</b>		<b>17</b>

#### Spring Semester Freshman Year

ENGL 102	English Composition 2*	3
CHEM 112	Principles of Chemistry 2*	5
PHYS 211	Physics Scientists & Engineers*	5
PROG ELEC	Program Electives	1-4
<b>Total</b>		<b>14-17</b>

#### Fall Semester Sophomore Year

PHYS 212	Physics Scientists & Engineers 2*	5
SOCS GE	Any Gen. Ed. Social Science Course	3
HUMA GE	Any Gen. Ed. Humanities Course	3
PROG ELEC	Program Electives	1-4
BIOL 201	Biology 1	4
<b>Total</b>		<b>16-19</b>

#### Spring Semester Sophomore Year

STEM 200	STEM Independent Study*	1-3
GEOL 101	Physical Geology	4
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SOCS GE2	Any 2nd Gen. Ed. Social Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
PROG ELEC	Program Electives	2-4
<b>Total</b>		<b>13-17</b>

**Total Credit Hours Required for this Major:**

**60-70**

*\*Prerequisite or corequisite required.*



## Path B

Associate of Science  
Major Code: 2006S

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 170	Calculus I*	5
COMM 101	Fund of Oral Communication	3
CHEM 111	Principles of Chemistry 1*	5
STEM 100	Professions in STEM	1
<b>Total</b>		<b>17</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
CHEM 112	Principles of Chemistry 2*	5
SOCS GE	Any Gen. Ed. Social Science Course	3
PROG ELEC	Program Electives	3-6
<b>Total</b>		<b>14-17</b>
<b>Fall Semester Sophomore Year</b>		
PHYS 111	General Physics I*	4
SOCS GE2	Any 2nd Gen. Ed. Social Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
HUMA GE	Any Gen. Ed Humanities Course	3
PROG ELEC	Program Electives	1-4
BIOL 201	Biology 1	4
<b>Total</b>		<b>15-18</b>
<b>Spring Semester Sophomore Year</b>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
PHYS 112	General Physics 2*	4
GEOL 101	Physical Geology	4
STEM 200	STEM Independent Study*	1-3
PROG ELEC	Program Electives	2-4
<b>Total</b>		<b>14-18</b>
<b>Program Elective</b>		
BIOL 202	Biology 2*	4
BIOL 204	Introduction to Cell Biology*	4
BIOL 209	General Ecology*	4
BIOL 227	Human Anatomy & Physiology 1	4
BIOL 228	Human Anatomy & Physiology 2*	4
BIOL 250	General Microbiology*	4
CHEM 253	Quantitative Analysis*	5
CHEM 298	Organic Chemistry I*	4
CHEM 299	Organic Chemistry 2*	5
COMS 224	Intro to Programming PASCAL	3
ENGI 120	Introduction to Engineering*	2
EDUC 101	Inquiry Approaches to Teaching	1
EDUC 102	Inquiry-Based Lesson Design*	1
EDUC 201	Foundations of Education	3
EDUC 210	Knowing and Learning*	3
GEOL 102	Historical Geology	4
MATH 153	Elementary Statistics*	3
MATH 175	Calculus 2*	4
MATH 275	Calculus 3*	4
GEOL/AGRI 126	Fundamentals of GIS	3
GEOL/AGRI 226	Spatial Analysis of GIS	3
<b>Total Credit Hours Required for this Major:</b>		<b>60-70</b>

*\*Prerequisite or corequisite required.*

# COURSE DESCRIPTIONS

## CHEMISTRY

### **CHEM 100 Chemistry in Everyday Life 4 Cr Hrs**

This course is a presentation of the world of chemistry as it impacts society and the individual. Topics include air and water quality, energy and fuels, nuclear power, nutrition and food, medicine and drug design, plastics, acids and bases, oxidation and reduction, and other applications. The emphasis is on the connection of chemistry with everyday life. This course is intended for non-science students; very limited math skills are necessary. CHEM 100 satisfies general education core science requirements. This course meets for an equivalent of three hours of lecture and two hours in the laboratory per week. Corequisite: CHEM 100L.

### **CHEM 101 Introduction to Chemistry 4 Cr Hrs**

This course presents a systematic treatment of chemical principles and their application. Topics include nomenclature, periodicity, reactions, equations, stoichiometry, solutions, gases, and introduction to the theories of the atom, equilibria, acid-bases, redox, and radioactivity. Prerequisite: placement into MATH 143, Corequisite: CHEM 101L

### **CHEM 102 Essentials of Organic & Biochemistry 5 Cr Hrs**

The nomenclature, reactions and structure/property relationships of organic compounds. The study of the structure and function of proteins, carbohydrates, lipids and nucleic acids and an introduction to major bioenergetic pathways. Prerequisite: CHEM 101 or CHEM 111. Corequisite: CHEM 102L.

### **CHEM 111 Principles of Chemistry 1 5 Cr Hrs**

A thorough study of the fundamentals and principles of chemistry. This course is designed for students majoring in chemistry, pre-medicine, pre-dentistry, engineering, or science. The lecture and laboratory will cover inorganic reactions, atomic structure, stoichiometry, thermochemistry, solutions, chemical bonding, and the states of matter. Prerequisite: CHEM 101 or instructor permission. Corequisite: MATH 143 or MATH 147 (or higher math course) and CHEM 111L.

### **CHEM 112 Principles of Chemistry 2 5 Cr Hrs**

The study of elementary theoretical chemistry and its application to analytical practice. The lecture includes redox, kinetics, coordination, and nuclear chemistry plus the aqueous equilibria of acids, bases, complexes, and slightly soluble compounds. The laboratory work consists of the qualitative separation and identification of cations and selected inorganic experiments. Prerequisite: CHEM 111, MATH 147 or 143. Corequisite: CHEM 112L.

### **CHEM 172 Workplace Ethics in Science 1 Cr Hrs**

The objective of this course is to provide an opportunity for the students to discuss situational ethics in science with other students and faculty members. This course will cover issues such as scientific misconduct, conflict of interest, authorship of papers, misrepresentation, bias, fraud and plagiarism. The class will be constructed as a discussion class based on material selected by the instructor.

### **CHEM 190 Math Skills for Chemistry 1 Cr Hrs**

A mathematics review and accelerated treatment of mathematically based chemistry problems. Topics include measurements, metrics, dimensional analysis, density, mole concept, stoichiometry, limiting reactants, percentage composition of molecules, and empirical formula problems. Corequisites: CHEM 101 or CHEM 111.

### **CHEM 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional

development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**CHEM 200 Chemistry 1-3 Cr Hrs**

This is a term-long project. Each credit hour is equivalent to 45 hours of work on the project. Students should make arrangements with instructors in their field of interest. The request form for this project must be filled out and approved by the instructor, department chairman, and Academic Dean and filed in the Records Office. Prerequisite: One lab science course.

**CHEM 253 Quantitative Analysis 5 Cr Hrs**

The lecture includes a comprehensive study of the principles and techniques of the laboratory procedures as well as the theoretical basis of gravimetric, volumetric, and instrumental analysis. The laboratory consists of a series of quantitative determinations of elemental unknowns by classical and instrumental methods. Prerequisite: CHEM 112, MATH 143 or permission of instructor. Corequisite: CHEM 253L.

**CHEM 298 Organic Chemistry 1 4 Cr Hrs**

The first semester of a comprehensive study of organic chemistry emphasizing structure, nomenclature, properties, synthesis and reaction mechanisms. Includes an introduction to spectroscopic methods (IR, UV-VIS, NMR and MS). Prerequisite: CHEM 112 or equivalent course. Corequisite: CHEM 298L.

**CHEM 299 Organic Chemistry 2 5 Cr Hrs**

Continuation of CHEM 298, including synthesis, qualitative organic analysis and spectroscopic methods. Prerequisite: CHEM 298. Corequisite: CHEM 299L.

## GEOLOGY

**GEOL 101 Physical Geology 4 Cr Hrs**

This course investigates the composition of the Earth and the external and internal processes that shape it. Within the context of plate tectonics, it explores the origins of rocks and minerals and dynamic processes such as volcanic and magmatic activity, seismicity, and crustal deformation that are driven by the continual release of the Earth's internal heat. It also examines how air, wind, water, and ice move in response to gravity and energy from the Sun, sculpting Earth's surface by eroding, transporting, and depositing rock materials. Lab exercises will include rock/mineral identification, applied geologic problems, and local field trips. Corequisite: GEOL 101L.

**GEOL 102 Historical Geology 4 Cr Hrs**

This course introduces the history of the Earth and that of the life it supports. Major events in Earth and life history are explored including episodes of mountain building, glaciations, extinctions, climate change, and the evolution of species. The tools, techniques, and methods employed by geologists that help decipher the rock and fossil records are also examined. Lab exercises will include sedimentary rock identification and interpretation, stratigraphic and fossil analysis, geologic dating techniques, geologic maps, cross sections, regional geologic history, and local field trips. Prerequisite: GEOL 101 and 101L. Corequisite: GEOL 102L.

**GEOL 104 Natural Disasters and Env Geology 4 Cr Hrs**

This course examines the interaction between modern society and Earth processes and resources. Natural Earth processes which adversely affect humans are considered including earthquakes, volcanic eruptions, flooding, meteorite impacts, mass wasting, coastal processes, and climate trends. The course also investigates the development of natural resources, pollution and waste disposal, climate change, land use and engineering, and energy resources. Lab exercises will provide real-world problems and will introduce techniques and skills that can be used to address these issues. Corequisite: GEOL 104L.

**GEOL 110 Intro to Geology of Southern Idaho 3 Cr Hrs**

This course explores the geologic processes that have formed the unique and varied landscape of southern Idaho. The course will examine important events and/or topics related to the geologic development of southern Idaho such as the Yellowstone "hot spot", the 1983 Borah Peak earthquake, recent volcanism in the Snake River Plain, groundwater in southern Idaho, the Bonneville Flood, Ice Age glaciers, and landslides in the Snake River Canyon. The course will include required field trips to local areas of geologic interest.

**GEOL 126 Fundamentals of GIS 3 Cr Hrs**

This course provides an in-depth introduction to the basic concepts and uses of geographic information systems (GIS). The course introduces the student to the theory and techniques of GIS including the history of GIS, spatial data models, spatial and tabular data acquisition, spatial data management, spatial data analysis, and cartographic design and display. Emphasis in lab is placed on the hands-on use of ESRI ArcGIS Desktop software and includes exercises that allow the student to develop skills such as building, editing, and querying a GIS database; spatial data acquisition including digitizing and data capture using a Global Positioning System (GPS) receiver; projecting data; basic spatial analysis; displaying spatial data using basic cartographic principles to create maps; and creating metadata. Prerequisite: Successful completion of the Computer Skills Assessment (CSA) or permission of instructor. Corequisite: GEOL 126L.

**GEOL 155 Introduction to GPS 2 Cr Hrs**

A survey of basic mapping concepts and global positioning systems (GPS). Topics include modeling the earth's surface, topographic maps, aerial photo interpretation, thematic maps, basics of GPS hardware, GPS theory and function, GPS data collection and organization, differential GPS data correction, and importing and manipulating GPS data in a user-friendly GIS application (ArcView).

**GEOL 172 Workplace Ethics in Science 1 Cr Hr**

The objective of this course is to provide an opportunity for the students to discuss situational ethics in science with other students and faculty members. This course will cover issues such as scientific misconduct, conflict of interest, authorship of papers, misrepresentation, bias, fraud and plagiarism. The class will be constructed as a discussion class based on material selected by the instructor.

**GEOL 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**GEOL 200 Geology Independent Study 3 Cr Hrs**

This is a term-long project. Each credit hour is equivalent to 45 hours of work on the project. Students should make arrangements with instructors in their field of interest. The request form for this project must be filled out and approved by the instructor, department chairman, and Academic Dean and filed in the Records Office. Prerequisite: one lab science course.

**GEOL 226 Spatial Analysis with GIS 3 Cr Hrs**

This course provides an introduction to spatial analysis. The course will briefly review the principles of statistics and relate them to methods used in analysis of geographically referenced data. The course will introduce sampling strategies for data used in Geographic information systems (GIS) using raster and vector data structures. The fundamentals of conventional estimation techniques will be compared with geostatistical techniques. The course will present single and multi-layer statistical operations including classification, recode, interpolation, coordination, and modeling analysis vectors, raster

and TINs. Applications and problems in spatial correlation will be discussed including interpretation of results of spatial analysis and error propagation. ArcView GIS. Spatial Analysis, Network and 3D extension software will be used to demonstrate and practice basic principles of spatial analysis. Dual listed as AGRI 226. Corequisite: GEOL 226L. Prerequisites: GEOL 126 and 126L.

**GEOL 275 Field Geology 1-4 Cr Hrs**

This Field-based course is designed for students who have completed prior coursework in geology/earth science and provides a unique opportunity for students to enhance their knowledge by visiting and studying exceptional geologic localities within a specific region. Field trips localities will vary by semester as will trip length (1 to 10 days). The class will include preparatory lectures, presentations, and a research project. The course is repeatable up to 8 credits hours. Additional student fees will be required. Prerequisite: Instructor permission.

## PHYSICS

**PHYS 100 Survey of Physics 4 Cr Hrs**

This course provides an introduction to the concepts of physics and their application to the world around us and beyond. The course is intended for non-science majors, very limited math skills are necessary. Topics include the laws of motion, conservation of energy and momentum, properties of matter, heat, sound, electricity and magnetism, light, atomic and nuclear physics, and relativity. This course will satisfy a general education core science requirement but will not serve as a prerequisite or substitute for any other physics course. Corequisite: PHYS 100L.

**PHYS 101 Survey of Astronomy 4 Cr Hrs**

This course involves the study of solar and stellar astronomy. The relationship of astronomy to the other sciences is stressed. Topics include history of astronomy, motions of celestial bodies, earth, moon, planets, astronomical instruments and methods, spectra, stars, unusual stars, galaxies, and cosmology. Corequisite: PHYS 101L.

**PHYS 111 General Physics 1 4 Cr Hrs**

This course includes a general study of kinematics, Newton's Laws of Motion, universal gravitation, work, mechanical energy, motion in a plane, momentum, hydrostatics, SHM, wave motion, sound, introductory thermodynamics, and heat transfer with applications to life sciences. Prerequisite: MATH 147 or MATH 143 and MATH 144 or higher. Corequisite: PHYS 111L.

**PHYS 112 General Physics 2 4 Cr Hrs**

This course includes a general study of electrostatics, D.C. circuitry, capacitance, magnetism, induced EMF, simple A.C. circuits, geometrical and physical optics, special relativity, and modern physics. Prerequisite: PHYS 111. Corequisite: PHYS 112L.

**PHYS 172 Workplace Ethics in Science 1 Cr Hrs**

The objective of this course is to provide an opportunity for the students to discuss situational ethics in science with other students and faculty members. This course will cover issues such as scientific misconduct, conflict of interest, authorship of papers, misrepresentation, bias, fraud and plagiarism. The class will be constructed as a discussion class based on material selected by the instructor.

**PHYS 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**PHYS 200 Physics Independent Study 1-3 Cr Hrs**

This is a term-long project. Each credit hour is equivalent to 45 hours of work on the project. Students should make arrangements with instructors in their field of interest. The request form for this project must be filled out and approved by the instructor, department chairman, and Academic Dean and filed in the Records Office. Prerequisite: One lab science course.

**PHYS 211 Physics Scientists & Engineers 1 5 Cr Hrs**

This course includes a study of kinematics, dynamics of particles, statics, momentum, work, mechanical energy, rotational motion, elasticity, vibratory motion, wave motion in selected media, heat, and introductory thermodynamics. Corequisite: MATH 170 or higher and PHYS 211L.

**PHYS 212 Physics Scientists & Engineers 2 5 Cr Hrs**

This course includes a study of Coulomb's Law, electric fields, electric potential, magnetic fields, magnetic induction, D.C. circuit analysis, inductance, A.C. circuits, geometrical and physical optics, interference and diffraction, and introductory modern physics. Prerequisite: PHYS 211. Corequisite: MATH 175 or higher and PHYS 212L.

## SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH (STEM)

**STEM 100 Professions in STEM 1 Cr Hrs**

This course is designed to introduce students to career opportunities, skills, professional development, and current issues and trends in STEM. Guest lectures and field trips will give students insight into STEM professions and will guide students in academic preparation.

**STEM 200 STEM Independent Study 1-3 Cr Hrs**

This is a long-term project, research, or internship. Students make arrangements with a STEM instructor in their field of interest. Each credit hour is equivalent to 45 hours of work on the approved project. A request for this project must be approved by the instructor and department chairman. Prerequisite: Instructor permission.



# SOCIAL SCIENCE DEPARTMENT



## PROGRAMS OF STUDY

### ANTHROPOLOGY

**Contact:** James Woods, (208) 732-6862  
jwoods@csi.edu

Anthropology is the interdisciplinary study of the human species. The CSI Anthropology Program offers introductory course work in three of the four major sub-fields of anthropology including physical anthropology, cultural anthropology, and archaeology. The program prepares students to transfer to a university for further studies toward a Bachelor's or advanced degrees. Two of the four anthropology courses satisfy core requirements at CSI. Particular emphasis is given on the anthropology of the Great Basin area.

Anthropology graduates find work in many fields including cultural resource management (federal, state, private), museums, foreign service, academic positions, and in research institutions in areas such as primatology, medical anthropology, and many more.

Completion of the program is designed to result in an Associate's degree, and meets the general education requirements at all Idaho public universities. Course selection should be coordinated to meet requirements for your intended transfer institution.

**Program Application Required:** No

**Sample Career Opportunities:** Anthropologists and Archeologists

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 2100R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
ANTH 102	Cultural Anthropology	3
COMM 101	Fundamentals of Oral Communication	3
HIST 101	Western Civilization 1	3
HUMA GE	Any Gen. Ed. Humanities Course	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
ANTH 101	Physical Anthropology	3
ENGL 102	English Composition 2*	3
SOCY 101	Introduction to Sociology	3
SCIG GE	Any Gen. Ed. Science Course	4
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
<b>Total</b>		<b>15-16</b>
<b>Fall Semester Sophomore Year</b>		
ANTH 103	Introduction to Archaeology	3
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
ELEC ANY	College Level Electives	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Sophomore Year</b>		
ANTH 238	Native Peoples of North America	3
GEOG 200	World Regional Geography	3
ELEC ANY	College Level Electives	7-8
<b>Total</b>		<b>13-14</b>
<b>Recommended Elective Courses:</b>		
GEOL 102	Historical Geology	4
MATH 143	College Algebra*	3
MATH 153	Elementary Statistics*	3
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\* Prerequisite or corequisite required.*



## COMMUNICATION

Contact: Mark Wasden, (208) 732-6764  
mwasden@csi.edu

The Communication Program is a transfer program designed to result in an Associate of Arts degree, and meets the general education requirements of all Idaho public universities. In order to ensure transferability of coursework, students should coordinate course selection with the requirements of the institution to which they intend to transfer.

The Communication Program provides students with a foundation in human communication emphasizing intercultural communication, mass communication, interpersonal communication, public speaking, argumentation and debate. This foundation is designed to give students the knowledge and skills needed to move into the final two years of a Bachelors degree program. Communication majors often find employment in such areas as advertising, broadcasting, marketing, corporate training, education, law, public relations and sales upon completion of a Bachelors degree.

**Program Application Required: No**

**Sample Career Opportunities:** Public Relations, Marketing, Advocacy, and Conflict Management

*\*Talk to an advisor for additional career choices*

## Associate of Arts Major Code: 1410R

*\*\*Alternative Plans of Study available by contacting your advisor*

Course	Course Title	Cr
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
Prog Elec	Program Elective	6
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
COMM 140	Digital Communication	3
SOCS GE	Any Social Science Course	3
COMM 171	Intro to Mass Communication	3
ELEC GE	General Education Elective	4
<b>Total</b>		<b>16</b>
<b>Fall Semester Sophomore Year</b>		
COMM 102	Interpersonal Communication	3
SCIG GE	Any Gen. Ed. Science Course	4
HUMA GE	Any Gen. Ed. Humanities Course	3
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SOCS GE2	Any 2nd Social Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>16</b>
<b>Spring Semester Sophomore Year</b>		
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
COMM 220	Intercultural Communication	3
COMM 280	Communication Portfolio*	1
ELEC ANY	College Level Electives	2-3
<b>Total</b>		<b>13</b>
<b>Program Electives:</b>		<b>6</b>
<i>COMM 105 may be repeated for all six credits. COMM 201 and 209 may only be taken one time.</i>		
COMM 105	Collegiate Speech and Debate Team	3
COMM 201	Business and Professional Speaking	3
COMM 209	Critical Thinking & Argumentation	3
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>
<i>*Prerequisite or Corequisite required.</i>		

## CRIMINAL JUSTICE

Contact: Chris Meyerhoeffer, (208) 732-6873  
cmeyerhoeffer@csi.edu

The College of Southern Idaho Criminal Justice Program is designed to prepare students to enter the growing field of criminal justice. Students will develop an understanding of criminal psychology, the components justice system, investigative procedures and the community served by the justice system. Completion of the program is designed to result in an Associate of Arts degree, and meets the general education requirements at all Idaho public universities. Course selection should be coordinated to meet requirements for your intended transfer institution.

The College of Southern Idaho Correction Specialist concentration within the Criminal Justice program is designed to prepare students for entry level positions in the corrections field or for transfer to an upper-division criminal justice program. The curriculum is designed to expose students to the two major philosophies in corrections, risk prevention and risk control. Completion of the program is designed to result in an Associate of Arts degree, and meets the general education requirements at all Idaho public universities. Course selection should be coordinated to meet requirements for your intended transfer institution.

**Program Application Required: No**

## Concentration: Criminal Justice

### Sample Career Opportunities (Criminal Justice Concentration):

law enforcement (federal, state, local); correction officers; private security; loss prevention officer; probation and parole (adult and juvenile); pre-sentence investigator; court personnel; and work in other branches of the justice system.

## Associate of Arts Major Code: 2101R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
CRJ 101	Introduction to Criminal Justice	3
<b>Total</b>		<b>12</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
SCIG GE	Any Gen. Ed. Science Course	4
CRJ 103	Introduction to Law & Justice	3
SOCY 101	Introduction to Sociology	3
<b>Total</b>		<b>16</b>
<b>Fall Semester Sophomore Year</b>		
CRJ 102	Introduction to Police*	3
CRJ 275	Criminal Evidence Law*	3
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
POLS 101	American National Government	3
<b>Total</b>		<b>15-16</b>
<b>Spring Semester Sophomore Year</b>		
CRJ 104	Introduction to Corrections	3
CRJ 276	Law of Arrest Search & Seizure*	3
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
PSYC 101	General Psychology	3
ELEC ANY	College Level Electives	4-5
<b>Total</b>		<b>16-17</b>
<b>Recommended Elective Courses:</b>		
HIST 101	Western Civilization 1	3
HIST 102	Western Civilization 2	3
HIST 111	US History 1	3
HIST 112	US History 2	3
SOCY 102	Social Problems	3
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required.*

## Concentration: Correction Specialist

**Sample Career Opportunities (Correction Specialist Concentration):** correction officer (jail, prison, work center); misdemeanor probation; and juvenile detention officer.

### Associate of Arts Major Code: 2101R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
CRIJ 101	Introduction to Criminal Justice	3
<b>Total</b>		<b>12</b>

<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
SCIG GE	Any Gen. Ed. Science Course	4
CRIJ 103	Introduction to Law & Justice	3
SOCY 101	Introduction to Sociology	3
<b>Total</b>		<b>16</b>

<b>Fall Semester Sophomore Year</b>		
CRIJ 201	Community-Based Corrections	3
CRIJ 205	Constitutional Rights of Inmates	3
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
POLS 101	American National Government	3
<b>Total</b>		<b>15-16</b>

<b>Spring Semester Sophomore Year</b>		
CRIJ 104	Introduction to Corrections	3
CRIJ 220	Evaluation and Treatment of Offenders	3
CRIJ 270	Criminology	3
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
PSYC 101	General Psychology	3
ELEC ANY	College Level Electives	1-2
<b>Total</b>		<b>16-17</b>

<b>Recommended Elective Courses:</b>		
CRIJ 102	Introduction to Police*	3
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required.*

## GEOGRAPHY

**Contact** Brian Dobbs, (208) 732-6266  
bdobbs@csi.edu

Geography is the study of the earth as the world of humankind, with particular emphasis on spatial phenomena.

Completion of the program is designed to result in an Associate's degree, and meets the general education requirements at all Idaho public universities. Course selection should be coordinated to meet requirements for your intended transfer institution.

Careers available to students include; teachers, urban planners, cartographers, global positioning specialists and government jobs.

**Program Application Required: No**

**Sample Career Opportunities:** Geographers

*\*Talk to an advisor for additional career choices*

### Associate of Arts Major Code: 2103R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
COMM 101	Fundamentals of Oral Communication	3
GEOG 100	Physical Geography	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>16</b>

<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
SCIG GE	Any Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
GEOG 102	Cultural Geography	3
ELEC ANY	College Level Electives**	6
<b>Total</b>		<b>16</b>

<b>Fall Semester Sophomore Year</b>		
GEOG 200	World Regional Geography	3
ELEC ANY	College Level Electives**	6
HUMA GE	Any Gen. Ed. Humanities Course	3
<b>Total</b>		<b>12</b>

<b>Spring Semester Sophomore Year</b>		
ELEC ANY	College Level Electives**	9-10
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
ELEC GE	Any additional Gen. Ed. credits	1
<b>Total</b>		<b>16</b>

<b>Recommended Elective Courses:</b>		
BUSA 215	Introduction to Information Science	3
GEOL 155	Introduction to GPS	2
HIST 101	Western Civilization 1	3
HIST 102	Western Civilization 2	3
PHIL 111	Survey of World Religions	3
POLS 101	American National Government	3
POLS 221	Intro to International Relations	3
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required.*

*\*\*No more than 20 elective credits may come from one discipline area.*

## HISTORY

**Contact:** Dr. Russ Tremayne, (208) 732-6885  
rtremayne@csi.edu

The study of History provides the student with an understanding of and ability to interpret the past.

Completion of the following courses is designed to result in an associate degree, and meets the general education requirements at all Idaho public universities. Course selection should be coordinated to meet requirements for your intended transfer institution.

Many historians become teachers but others become professional editors, work in museums or archives, or take positions with state or federal government agencies. History also provides an excellent preparation for law school.

**Program Application Required:** No

**Sample Career Opportunities:** Historians

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 2104R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
HIST 101	Western Civilization 1	3
<b>Total</b>		<b>15</b>

<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
HIST 111	US History 1	3
SOCY 101	Introduction to Sociology	3
ELEC ANY	College Level Electives	6
<b>Total</b>		<b>15</b>

<b>Fall Semester Sophomore Year</b>		
SCIG GE	Any Gen. Ed. Science Course	4
HIST 102	Western Civilization 2	3
HIST 112	US History 2	3
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
ELEC ANY	College Level Electives	3-4
<b>Total</b>		<b>16</b>

<b>Spring Semester Sophomore Year</b>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
HIST 251	Latin American History	3
ELEC ANY	College Level Electives	4
<b>Total</b>		<b>14</b>

<b>Recommended Elective Courses:</b>		
ANTH 102	Cultural Anthropology	3
GEOG 200	World Regional Geography	3
POLS 101	American National Government	3
PSYC 101	General Psychology	3

**Total Credit Hours Required for this Major:** 60

*\*Prerequisite or corequisite required.*

## LAW ENFORCEMENT

**Contact:** Don Hall, (208) 732-6339  
dhall@csi.edu

The College of Southern Idaho Law Enforcement program is designed to prepare graduates to enter the law enforcement field. The Law Enforcement Program has been approved by the Idaho Police Officers Standards and Training (POST) Council, thus eliminating the graduates need to attend the basic police academy before taking the certification examination. Because the Law Enforcement Program is driven by POST standards for certification into the law enforcement field, applicants to the program must meet POST standards for admission. These admission standards may include a background check into the applicant's criminal, driving, and psychological and military records. Students are encouraged to continue their educational opportunities through on-campus courses or through distance learning.

Areas of continuing education may include an academic degree in Criminal Justice offered through the College of Southern Idaho. The Law Enforcement Training Program includes a part of the criminal justice degree educational core classes so the student may continue with their education with a minimal amount of duplication of courses.

Career opportunities for law enforcement include: Peace officers (city, county, state); dispatcher; detention officer; security officer; correction officer; and security guards.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Law>

**Program Application Required:** No

**Sample Career Opportunities:** Bailiffs; Detectives and Criminal Investigators; Police and Sheriff's Patrol Officers; Private Detectives and Investigators

*\*Talk to an advisor for additional career choices*

**Additional Admission Requirements:**

1. Complete the Law Enforcement admission packet
2. May be required to submit to drug test, polygraph examination, voice stress analysis, psychological assessment, and background check
3. Take COMPASS scores to the program advisor for interpretation, personal interview, and acceptance to the program
4. Pay first semester's tuition and fees to secure your spot
5. Physical Fitness Test

Basic Technical Certificate  
Major Code: 4610V

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>First Semester Freshman Year (Fall or Spring)</b>		
LAWE 201	Law Enforcement Skills 1	7
LAWE 202	Law Enforcement Skills 2	7
LAWE 203	Law Enforcement Skills 3	8
<b>Total</b>		<b>22</b>

**Total Credit Hours Required for this Major:** 22



Intermediate Technical Certificate  
Major Code: 4610T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>First Semester Freshman Year (Fall or Spring)</b>		
COMM 101 or ENGL 101	Fundamentals of Oral Communication English Composition 1*	3
MATH 123	Math in Modern Society	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>9</b>
<b>Second Semester Freshman Year (Fall or Spring)</b>		
LAWE 201	Law Enforcement Skills 1	7
LAWE 202	Law Enforcement Skills 2	7
LAWE 203	Law Enforcement Skills 3	8
<b>Total</b>		<b>22</b>
<b>Total Credit Hours Required for this Major:</b>		<b>31</b>

*\*Prerequisite or corequisite required.*

Associate of Applied Science  
Major Code: 4610A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 123	Math in Modern Society	3
CRIJ 101	Introduction to Criminal Justice	3
ELEC GE	General Education Elective	4
<b>Total</b>		<b>13</b>
<b>Spring Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
CRIJ 102	Introduction to Police	3
CRIJ 103	Introduction to Law & Justice	3
CRIJ 276	Law of Arrest Search & Seizure*	3
<b>Total</b>		<b>12</b>
<b>Fall Semester Sophomore Year</b>		
CRIJ 104	Introduction to Corrections	3
CRIJ 201	Community-Based Corrections	3
CRIJ 275	Criminal Evidence Law*	3
<b>Total</b>		<b>9</b>
<b>Spring Semester Sophomore Year</b>		
LAWE 201	Law Enforcement Skills 1	7
LAWE 202	Law Enforcement Skills 2	7
LAWE 203	Law Enforcement Skills 3	8
<b>Total</b>		<b>22</b>
<b>Summer Semester Sophomore Year</b>		
LAWE 204	Law Enforcement Skills 4	4
<b>Total</b>		<b>4</b>
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

POLITICAL SCIENCE

Contact: Perri Gardner, (208) 732-6266  
pgardner@csi.edu

Political Science is a social science discipline that deals with the theory and practice of politics and the description and analysis of political systems and political behavior. Completion of the program is designed to result in an Associate of Arts degree, and meets the general education requirements at all Idaho public universities. Course selection should be coordinated to meet requirements for your intended transfer institution.

Students who earn a Bachelor's degree in political science often pursue careers in the following fields: law, government, business, international and national organizations, diplomacy, and education.

**Program Application Required: No**

**Sample Career Opportunities: Political Scientists**

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 2106R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
POLS 101	American National Government	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
SCIG GE	Any Gen. Ed. Science Course	4
ELEC GE	General Education Elective	1
POLS 102	Introduction to Political Science	3
ELEC ANY**	College Level Elective	2
<b>Total</b>		<b>16</b>
<b>Fall Semester Sophomore Year</b>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
ELEC ANY**	College Level Elective	9
<b>Total</b>		<b>16</b>
<b>Spring Semester Sophomore Year</b>		
HLTH 155 or HACT	Health & Wellness 2 credits of HACT/HREC/DANC Activities	3 2
ELEC ANY**	College Level Elective	10-11
<b>Total</b>		<b>13</b>
<b>Recommended Elective Courses:</b>		
BUSA 215	Introduction to Information Science	3
ECON 201	Principles of Macroeconomics	3
ECON 202	Principles of Microeconomics	3
HIST 111	US History 1	3
POLS 200	Political Science	1-3
POLS 202	American State & Local Government	3
POLS 205	Government Research	1-3
POLS 221	Intro to International Relations	3
POLS 293	Legislative Internship*	3-9
POLS 294	Travel Internship	1-5
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required.*

*\*\*No more than 20 elective credits may come from one discipline area.*

## PSYCHOLOGY

Contact: Dr. Randy Simonson, (208) 732-6858,  
rsimonson@csi.edu

Psychology is the scientific study of thinking, emotion, and behavior. Psychologists conduct research, offer therapy, consult with policy makers, and serve as educators. Undergraduate study in psychology provides a broad coverage of this diverse field in preparation for specialized graduate coursework. Completion of the program is designed to result in an Associate of Arts degree, and meets the general education requirements at all Idaho public universities. Course selection should be coordinated to meet requirements for your intended transfer institution. Students with a Bachelor's degree in Psychology often pursue the following careers: Human resources worker, crisis intervention associate, rehabilitation worker, child welfare worker, psychiatric technician, correctional officer, police officer, child care assistant, mental health technician, aide to geriatric clients, and social welfare worker.

**Program Application Required: No**

**Sample Career Opportunities:** Clinical Psychologists

*\*Talk to an advisor for additional career choices*

### Associate of Arts Major Code: 2107R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
PSYC 101	General Psychology	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
ELEC GE	General Education Elective	4
<b>Total</b>		<b>15-16</b>
<b>Spring Semester Freshman Year</b>		
ENGL 102	English Composition 2*	3
MATH 143	College Algebra*	3
COMM 101	Fundamentals of Oral Communication	3
PSYC 120	Careers in Psychology*	1
PSYC 201	Child & Adolescent Development*	3
ELEC ANY	College Level Elective	3
<b>Total</b>		<b>16</b>
<b>Fall Semester Sophomore Year</b>		
HUMA GE	Any Gen. Ed. Humanities Course	3
BIOL 100	Concepts of Biology	4
or BIOL 201	Biology I	
or BIOL 227	Human Anatomy & Physiology 1	
PSYC 217	Statistical Methods*	3
ELEC ANY	College Level Elective	6
<b>Total</b>		<b>16</b>
<b>Spring Semester Sophomore Year</b>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
SCIG GE	Any Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
PSYC 228	Intro to Tests & Measurements*	3
ELEC ANY	College Level Elective	2-3
<b>Total</b>		<b>12-13</b>
<b>Recommended Elective Courses</b>		
BIOL 228	Human Anatomy & Physiology 2*	4
MATH 153	Elementary Statistics	3
PSYC 211	Psychology of Death and Dying	3
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required.*

## SOCIAL WORK

Contact: Kerry Koontz, (208) 732-6878  
kkoontz@csi.edu

Social Work is a profession that provides moral, practical and compassionate leadership in helping people confront and resolve their personal dilemmas. Social work's focus on the "person-in-environment" paradigm uniquely equips Social Workers (BSW) to work effectively with individuals, families, small groups, communities and organizations.

Completion of the program is designed to result in an Associate of Arts degree, and meets the general education requirements at all Idaho public universities. Course selection should be coordinated to meet requirements for your intended transfer institution.

**Program Application Required: No**

**Sample Career Opportunities:** Social and Community Service Managers; Marriage and Family Therapists; Counselors; Child, Family, and School Social Workers; Healthcare Social Workers; Mental Health and Substance Abuse Social Workers; Probation Officers and Correctional Treatment Specialists.

*\*Talk to an advisor for additional career choices*

### Associate of Arts Major Code: 2112R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
MATH 143	College Algebra*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
SOCY 101	Introduction to Sociology	3
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
<b>Total</b>		<b>14-15</b>
<b>Spring Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 102	English Composition 2*	3
BIOL 100	Concepts of Biology	4
POLS 101	American National Government	3
PSYC 101	General Psychology	3
<b>Total</b>		<b>16</b>
<b>Fall Semester Sophomore Year</b>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines.</i>		
ANTH 101	Physical Anthropology	3
or ANTH 102	Cultural Anthropology	3
SCIG GE	Any Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
HIST GE	Any Gen. Ed. History	3
SOCW 201	Intro Social Work/Social Welfare	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Sophomore Year</b>		
PSYC 201	Child & Adolescent Development*	3
ECON 201	Principles of Macroeconomics	3
or ECON 202	Principles of Macroeconomics	
SOCW 202	Foundations of Social Work	3
SOCW 272	Human Behavior & Social Environment	3
SOCY 238	Race & Ethnic Relations	3
<b>Total</b>		<b>15</b>
<b>Total Credit Hours Required for this Major:</b>		<b>61-62</b>

*\*Prerequisite or corequisite required.*

## SOCIOLOGY

**Contact:** Matt Reynolds, (208) 732-6861  
mreynolds@csi.edu

Sociology is the science which focuses upon human interaction and a variety of other topics associated with group life.

Completion of the program is designed to result in an Associate of Arts degree, and meets the general education requirements at all Idaho public universities. Course selection should be coordinated to meet requirements for your intended transfer institution.

Sociology graduates often pursue careers in the following areas: research; teaching; social work; criminology; pre-law; clergy; advertising and personnel management.

**Program Application Required:** No

**Sample Career Opportunities:** Sociologists

*\*Talk to an advisor for additional career choices*

Associate of Arts  
Major Code: 2109R

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
SOCY 101	Introduction to Sociology	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
ELEC ANY	College Level Elective	4
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 102	English Composition 2*	3
MATH 143	College Algebra*	3
SOCY 102	Social Problems	3
SCIG GE	Any Gen. Ed. Science Course	4
<b>Total</b>		<b>16</b>
<b>Fall Semester Sophomore Year</b>		
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
<i>Humanities courses must be from 2 different disciplines</i>		
MATH 153	Elementary Statistics*	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
<i>Science courses must be from 2 different disciplines.</i>		
SOCY 238	Race & Ethnic Relations	3
ELEC ANY	College Level Elective	3
<b>Total</b>		<b>16</b>
<b>Spring Semester Sophomore Year</b>		
ELEC GE	General Education Elective	2
HLTH 155	Health & Wellness	3
or HACT	2 credits of HACT/HREC/DANC Activities	2
ELEC ANY	College Level Elective	7-8
<b>Total</b>		<b>12</b>
<b>Recommended Elective Courses</b>		
ANTH 102	Cultural Anthropology	3
PSYC 101	General Psychology	3
PSYC 201	Child & Adolescent Development*	3
SOCY 240	Marriage & Family Living	3
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required,*

## COURSE DESCRIPTIONS

### ANTHROPOLOGY

**ANTH 101 Physical Anthropology 3 Cr Hrs**

This course provides a general overview of the evolution of the human species over the past several million years. It will also involve a close examination of our primate relatives and the many variations, which exist within human forms across the world in the present day.

**ANTH 102 Cultural Anthropology 3 Cr Hrs**

This course examines the wide variety of ways of life which humans have created around the world and an analysis of the similarities and differences which exist among them. In addition to psychological and language differences among people, their technologies, social structures, and belief systems will also be emphasized.

**ANTH 103 Introduction to Archaeology 3 Cr Hrs**

This course is a basic introduction to the prehistoric periods of human populations throughout the world and the variety of technologies and societies created through human history. Attention will also be focused on the principles and concepts used within archaeology and the methods which are applied to discoveries within the field.

**ANTH 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**ANTH 200 Anthropology Independent Study 1-3 Cr Hrs**

This is a long-term project. Students should make contact with the instructor in their field of interest.

**ANTH 238 Native Peoples of North America 3 Cr Hrs**

This course examines the wide variety of Native American Indian cultures which existed with stress upon their character immediately prior to white contact. An attempt is made to see each culture as a complete and distinct whole. Native American origins and the condition and way of life at present are discussed.

### COMMUNICATION

**COMM 101 Fundamentals of Oral Communication 3 Cr Hrs**

COMM 101 is a course intended to improve your communication abilities in a variety of academic, social, personal and business settings. Emphasis is placed on the communication process, public address, small group discussion, and listening.

**COMM 102 Interpersonal Communication 3 Cr Hrs**

This course explores the practical and theoretical foundations that frame our interpersonal communication. Students will examine the various theories of interpersonal communication through the textbook readings, exercises, popular films, and discussions. A special emphasis is then placed upon connecting the theories and practices to our everyday interpersonal communication behaviors.

**COMM 105 Collegiate Speech and Debate Team 3 Cr Hrs**

Collegiate Speech and Debate is a course designed to provide students with a variety of co-curricular opportunities. Students will travel to other colleges for competition in their choice of events such as informative speaking, persuasive speaking, oral interpretation, impromptu, communication analysis and Public Debate. Students are encouraged to begin the program in the fall of their freshman year. COMM 105 may be repeated for four semesters.

**COMM 140 Digital Communication 3 Cr Hrs**  
Digital Communication explores the challenges, opportunities, and realities that new channels of communication present in the 21st Century. The course will cover personal, academic, and professional applications of a variety of digital communication from email and text to social media. Students will be required to have and use a variety of free Web 2.0 accounts including a Facebook account.

**COMM 171 Intro to Mass Communication 3 Cr Hrs**  
This course provides an examination of the role of mass media in contemporary society. An emphasis is placed on the relationships between various forms of media and other social and political institutions, and on a critical analysis of current media issues.

**COMM 199 Special Topics 1-5 Cr Hrs**  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**COMM 200 Communications Independent Study 1-4 Cr Hrs**  
This course is designed for special communications workshops, courses, and/or projects. This is a term-long project for advanced students. Each credit hour is equivalent to 45 hours of work on a project. Students should make arrangements with the instructor in their field of interest. The request form for this project must be filled out and approved by the instructor, department chairman, and the Academic Dean and filed in the Records Office. May be repeated for a total of six credit hours.

**COMM 201 Business and Professional Speaking 3 Cr Hrs**  
Business and Professional Speaking is intended to improve public speaking abilities in a variety of business and professional settings. Special attention is paid to a variety of individual and group presentational formats as well as various technologies used by speakers in professional contexts.

**COMM 209 Critical Thinking & Argumentation 3 Cr Hrs**  
Critical Thinking and Argumentation is designed to introduce students to the basic principles of critical thinking, reasoning, informal logic, and argumentation and to help students apply those principles in both their personal and public communication.

**COMM 220 Intercultural Communication 3 Cr Hrs**  
This course will provide an understanding of the dynamics of intercultural communication. Emphasis will be placed on communication perceptions, self-awareness, and world views. Students will develop recognition of their own cultural communication style and the ways it differs from other cultures. By examining barriers to intercultural communication, such as ethnocentrism and stereotyping, students will develop cultural sensitivity and become more competent in communicating interculturally.

**COMM 280 Communication Portfolio 1 Cr Hrs**  
This course will provide students with the opportunity to prepare a comprehensive portfolio which may help them transfer to another college or gain employment. In this course, students will gather documentation of their abilities to demonstrate that they have achieved the Communication Department Student Learning Objectives. Students will complete this project with a final presentation juried by the faculty within the program. Prerequisite: Students must be in their final semester of the Communication program or have permission from their advisor to register for the course.

## CRIMINAL JUSTICE

**CRIJ 101 Introduction to Criminal Justice 3 Cr Hrs**  
Philosophy, history, and objectives and functions of the criminal justice system as a social institution are examined, along with the relationship of this system to society and a general overview of the administration of justice.

**CRIJ 102 Introduction to Police 3 Cr Hrs**  
This course studies police behavior in urban and rural areas with an emphasis on the police response to community change, attitudes, special interest groups, and minority relations.

**CRIJ 103 Introduction to Law & Justice 3 Cr Hrs**  
This course studies basic issues of law as a means of social control including broader issues of social justice such as poverty, racism, sexism, alienation. It also provides a foundation for examining relevant critical issues in American society.

**CRIJ 104 Introduction to Corrections 3 Cr Hrs**  
This course introduces the history, theory, practices, and research in adult, community, and institutional corrections.

**CRIJ 199 Special Topics 1-5 Cr Hrs**  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**CRIJ 201 Community-Based Corrections 3 Cr Hrs**  
This course is designed to familiarize the student with the alternatives to formal incarceration utilizing resources and facilities within the community.

**CRIJ 205 Constitutional Rights of Inmates 3 Cr Hrs**  
This course is an overview of the criminal justice system as it pertains to the constitutional rights of inmates, including civil and criminal liabilities, legal services, and disciplinary proceedings.

**CRIJ 220 Evaluation & Treatment of Offenders 3 Cr Hrs**  
This course familiarizes the student with the diagnostic tools utilized by treatment providers and certified chemical addictions specialists. Classification of offenders and methods of treatment are also discussed.

**CRIJ 230 Patterns of Criminal Behavior 3 Cr Hrs**  
This course will focus on providing an introduction to forensic psychology through broad survey of representative topics. Forensic psychology is an interdisciplinary field that applies scientifically derived knowledge about behavior and cognition to the legal system. Topics to be covered in this course include psychopathy, judicial sentencing, assessing and predicting criminal violence, theoretical perspectives of aggression, domestic violence, sexual offending, female and juvenile offenders, and the insanity defense.

**CRIJ 235 Incarceration Alternatives 3 Cr Hrs**  
This course familiarizes the student with the concepts and theories relating to alternatives to incarceration. It will examine the need for such programs and how they may operate within any given community.

**CRIJ 270 Criminology 3 Cr Hrs**  
This course is designed to inform the student about the scientific study of crime and criminals. The following topics will be covered: defining and measuring crime, contemporary crime patterns and correlates, types of crime, and theories of criminal behavior. Students will also be exposed to various myths and misperceptions about crime and criminals.



**CRIJ 275 Criminal Evidence Law 3 Cr Hrs**

This course presents the laws and rules of evidence, burden of proof, exclusionary rule, presumption, opinion evidence, and leading court cases involving the presentation and acceptability of evidence. Witness examination procedures and related legal problems are presented.

**CRIJ 276 Law of Arrest Search & Seizure 3 Cr Hrs**

This course is a highly concentrated study of the legalities and decision-making processes associated with arrest, search and seizure in accordance with statutes, case law, and Supreme Court decisions as they relate to constitutional protections.

**CRIJ 290 Correctional Specialist Internship 3-6 Cr Hrs**

Internships have historically been used to teach students the necessary skills and competencies for many trades and professions. This was accomplished by having a student serve an apprenticeship with a skilled mentor or teacher. This concept continues today in academic areas such as criminal justice, social sciences, and education. If you decide on a corrections career, the internship experience will prove invaluable. You will gain experience in a corrections agency and develop relationships with practitioners who can help you in procuring future employment.

## GEOGRAPHY

**GEOG 100 Physical Geography 4 Cr Hrs**

This course is a study of earth's physical environment including weather, climate, soils, vegetation, landforms, and oceans. The interrelationships and interdependencies of each facet of the environment are studied, as well as the physical processes which act on the environment to produce the landscape. The lab provides opportunities to use maps, graphs, weather instruments and other materials used by geographers to study the earth, as well as an opportunity to practice the application of theoretical information learned during the lectures.

**GEOG 102 Cultural Geography 3 Cr Hrs**

This course examines the geography of human culture. Topics may include human interaction with the environment, population, mobility, nutrition and disease, race and gender, language, religion, agricultural practices, urbanization, human interaction with the environment, industrial development, and political structures.

**GEOG 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**GEOG 200 World Regional Geography 3 Cr Hrs**

This course surveys major world regions as bound together by environment, economics, culture, and politics. It includes consideration of world resource patterns and problems.

## HISTORY

**HIST 101 Western Civilization 1 3 Cr Hrs**

This course analyzes important developments which contributed to the formation of the West, including the Ancient Near East, Greece, Rome, the Middle Ages, and Early Modern Europe to 1648.

**HIST 102 Western Civilization 2 3 Cr Hrs**

This course examines crucial developments in the West between 1648 and the present, including the rise of the nation state, the Enlightenment, the French Revolution, the Industrial Revolution, and the consequences of World War I and World War II.

**HIST 111 US History 1 3 Cr Hrs**

This course examines United States history from its beginning to the Civil War. An emphasis will be placed on tracing the development of the American political system, economic institutions, and the U.S. culture during the Colonial Period, the Age of Revolution, the National Era, the Jacksonian Period, and the Civil War.

**HIST 112 US History 2 3 Cr Hrs**

This course examines important changes between 1865 and the present. An emphasis will be placed on tracing the development of the American political system, economic institutions, and the U.S. culture during the Gilded Age, the Progressive Era, the Great Depression, the World Wars, and the Cold War.

**HIST 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**HIST 251 Latin American History 3 Cr Hrs**

This course surveys Latin American history including the Colonial Period, Revolution and Independence, the Nineteenth Century, and the Twentieth Century.

## LAW ENFORCEMENT

**LAWE 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**LAWE 201 Law Enforcement Skills 1 7 Cr Hrs**

This course will cover Drill & Ceremony, Orientation, ILETS, Court Procedures/Rules of Evidence, Criminal Law, Laws of Arrest, Search & Seizure, Use of Force, Crimes Against Children, Report Writing, Sexual Assault Investigation, Domestic Violence Investigation, Traffic Law, Special Needs Citizens, Crime Scene Investigation, Collection and Preservation of Evidence, Finger Printing, Traffic Collision, DUI Investigation and Standard Field Sobriety Testing.

**LAWE 202 Law Enforcement Skills 2 7 Cr Hrs**

This course will cover: Cultural Diversity, Homeland Security, Miranda Review, CPR & First Aid, Officer Survival, Ethics & Professionalism, Juvenile Procedures, Death Notification, Effective Communication/Control Presence, Gangs & Threat Groups, Interview & Interrogation, Drug Identification, Drug Investigation, Auto Theft, Financial Crimes, Digital Evidence, Patrol Procedures, Community Policing, Crime Prevention, Health & Fitness. Prerequisite LAWE 201 or Instructor Permission.

**LAWE 203 Law Enforcement Skills 3 8 Cr Hrs**

This course will cover: Defense Tactics-Arrest Techniques, Defenses Tactics-Ground Control, Defense Tactics-Weapons Retention, Defense Tactics-Reactive Impact Weapons, Defense Tactics-Active Countermeasures, Building Search, Firearms, Emergency Water Safety, Traffic Stops, Traffic Control, Emergency Vehicle Operations. Prerequisite: LAWE 202 or Instructor Permission.

**LAWE 204 Law Enforcement Skills 4 4 Cr Hrs**  
 This course will cover: Medical Aspects, Overview of Legal System, Inmate Discipline, Staff/Inmate Contact, Jail Standards, Garrity Rule, Jail Liability, PREA, Detention Officer Survival, Hostage Survival, Transport, Restraint & Pat Downs, Cell Search, Fire Evacuation, Con Games, Inmate Classification.

## POLITICAL SCIENCE

**POLS 100 Leadership Development 1-3 Cr Hrs**  
 This course is designed to provide the opportunity to explore the concepts of leadership and to develop and improve leadership skills. The course integrates reading from the humanities, experiential exercises, films, and relevant contemporary readings. The course is open to all CSI students. ASCSI and Council Officers are also encouraged to enroll. Leadership Development

**POLS 101 American National Government 3 Cr Hrs**  
 This basic course in political science introduces the basic concepts and major structural elements of the national government. Many aspects of American government are introduced and discussed in a way that will make the study of government more a part of the students' world.

**POLS 102 Introduction to Political Science 3 Cr Hrs**  
 This course is a basic introduction to political science, discussing origins and justification of government and how and why people get involved in politics. The course emphasizes different forms of government and public policy and basic ideas and theories.

**POLS 199 Special Topics 1-5 Cr Hrs**  
 This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**POLS 200 Political Science 1-3 Cr Hrs**  
 This is a long term project. Each credit hour is equivalent to 45 hours of work on a project. Students should make arrangements with the instructor in their field of interest.

**POLS 202 American State & Local Government 3 Cr Hrs**  
 This course surveys the sources of state, municipal, and county government in the United States. Some emphasis is placed on government in Idaho.

**POLS 205 Government Research 1-3 Cr Hrs**  
 This is a semester long research project related to the local, state, or national government.

**POLS 221 Intro to International Relations 3 Cr Hrs**  
 This is a basic international relations course that explores the primary causes that maintain or destroy international peace and cooperation.

**POLS 293 Legislative Internship 3-9 Cr Hrs**  
 A legislative internship is a learning experience which allows a student to apply learning to a real-life work experience. Interested students will be matched to internships in an agency of the state, a local legislative body or law office. Written learning objectives, agreed upon by the student and the instructor, will be the basis for evaluation, grading, and the granting of credit hours. Prerequisite: successful application and interview with the political science instructor and the legislative office staff.

**POLS 294 Travel Internship 1-5 Cr Hrs**  
 This course provides credit hours for study of politics, economics, history, culture, and geography through lecture and travel.

## PSYCHOLOGY

**PSYC 101 General Psychology 3 Cr Hrs**  
 This survey course is an introduction to psychology. Psychology is the scientific study of thinking, emotion, and behavior. This course introduces students to the diverse research areas of psychology such as psychobiology, motivation, learning, cognitive and social processes, personality, and abnormality, emphasizing empirical findings of the discipline. It is recommended that students have a COMPASS reading score > 80 (College Reading).

**PSYC 120 Careers in Psychology 1 Cr Hrs**  
 This course provides a thorough investigation of potential careers in psychology as well as a realistic depiction of the education preparation, and discipline to be competitive in the field. Prerequisite: PSYC 101.

**PSYC 199 Special Topics 1-5 Cr Hrs**  
 This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**PSYC 200 Psychology Independent Study 1-4 Cr Hrs**  
 This is a term-long project. Each credit hour is equivalent to 45 hours of work on a project. Students must make arrangements with the instructor in their field of interest. The request form for this project must be filled out and filed in the Records Office.

**PSYC 201 Child & Adolescent Development 3 Cr Hrs**  
 This course explores biosocial, cognitive, and psychosocial changes in all our lives from birth through adolescence. Parenting and education are the contexts emphasized to understand and elaborate upon the course material. Prerequisite: PSYC 101 or instructor permission.

**PSYC 211 Psychology of Death and Dying 3 Cr Hrs**  
 This course explores many facets of the personal experiences of death and how they apply to appreciating life. These facets include: bereavement, grief, and mourning; attitudes, beliefs, and tasks surrounding the event of death; and the effects of mortality on identity.

**PSYC 217 Statistical Methods 3 Cr Hrs**  
 This course emphasizes understanding and application of statistical methods common in psychological science (e.g, central tendency, dispersion, z-scores, t-tests, correlation, ANOVA, Chi-square, etc.). Students will learn to calculate statistics by hand and by using SPSS. Prerequisites: PSYC 101 and MATH 043.

**PSYC 228 Introduction to Tests & Measurement 3 Cr Hrs**  
 This course provides an overview of the principles of measurement, test design, and test analysis. It also examines the use of psychological tests in educational and clinical settings. Prerequisite: PSYC 217 or instructor permission.

## SOCIAL SCIENCE

**SOCS 199 Special Topics 1-5 Cr Hrs**  
 This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**SOCS 200 Social Science Independent Study 6 Cr Hrs**  
 This is a term-long project. Students should make arrangements with instructors in their field of interest.

## SOCIAL WORK

### **SOCW 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

### **SOCW 201 Intro Social Work/Social Welfare 3 Cr Hrs**

This course is a survey of the field of social welfare, history of the development of social services in Europe and the United States, analysis of the need for social service in contemporary American society, social work functions, and career opportunities. Prerequisite: SOCY 101 or 102 or PSYC 101 or permission of instructor.

### **SOCW 202 Foundations of Social Work 3 Cr Hrs**

This course introduces students to knowledge, values, and skills of strengths-based generalist practice including skill development in interviewing and generalist process of data collection, assessment, planning, implementation, evaluation and termination. The history of social work and the practice in contemporary social service delivery systems are surveyed as well. A service learning component of 45 clock hours in an approved social service organization is also required. Prerequisite: SOCW 201.

### **SOCW 211 Preparing for Foster Care 2 Cr Hrs**

This course provides the knowledge and skills needed for foster/adoptive parents to collaborate with social workers and other professionals in the Idaho Department of Health and Welfare to advance the needs of foster/adoptive children and their families. Permission of the Idaho Department of Health and Welfare and the instructor are required.

### **SOCW 272 Human Behavior & Social Environment 3 Cr Hrs**

This course is an exploration of present theories and knowledge of social systems effects on human development, behavior, health, and well-being. The social system perspective will be emphasized to explore human behavior within families, groups, organizations, communities, and society. Theories will be analyzed relative to a variety of social issues including, class, ethnicity, race, and gender.

## SOCIOLOGY

### **SOCY 101 Introduction to Sociology 3 Cr Hrs**

This course presents the basic concepts, principles, and processes in sociology along with an introduction to material relating to culture, social interaction, institutions, and social change.

### **SOCY 102 Social Problems 3 Cr Hrs**

This course examines some of the primary forms of deviance and social disorganization which face our society at the present time. It emphasizes the problems which face American society in particular, including crime, alcoholism, problems of the elderly, racial prejudice, over urbanization and others. In the discussion of a specific problem, there will be an attempt to examine basic causes, ultimate effects on both individual and society, and possible solutions.

### **SOCY 105 Human Relations 3 Cr Hrs**

This course will explore the interconnectedness of understanding self, others and the environmental organization in which we live and work. Topics include self-understanding, interpersonal communication, group dynamics, leadership skills, diversity, time and stress management and conflict resolution with emphasis on work relationships.

### **SOCY 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional

development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

### **SOCY 238 Race & Ethnic Relations 3 Cr Hrs**

This course examines ethnic, racial, and other minority groups from both an historical and contemporary social perspective. It reviews theories concerning prejudice and discrimination, patterns of minority relations, and future relationship patterns in the United States.

### **SOCY 240 Marriage & Family Living 3 Cr Hrs**

This is an introductory course which focuses upon activities which lead to marriage, the nature of role interaction in marriage, marital conflict and adjustment, child rearing, and processes of family interaction.

### **SOCY 278 Mexican American Tradition & Culture 3 Cr Hrs**

This course provides an exploration of Mexican traditions and culture. It explores the history and sociology of the Mexican-American people including their impact on contemporary American language, customs, and beliefs.



# TRADE AND INDUSTRY DEPARTMENT

## PROGRAMS OF STUDY

### AIR COND - REFRIG & HEAT

**Contact:** Mike LaPray, (208) 732-6393  
mlapray@csi.edu

The Air Conditioning, Refrigeration, and Heating Program is designed to provide students with skills needed to work on refrigeration and heating systems. This is a limited enrollment program.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/HVAC>

**Program Application Required: Yes**

**Sample Career Opportunities:** Heating, Air Conditioning, and Refrigeration Mechanics and Installers

*\*Talk to an advisor for additional career choices*

**Program Admission Requirements:**

1. Take CSI Placement Exam.
2. Take CSI Placement Exam scores to program adviser for interpretation, personal interview and program acceptance.
3. Pay first semester's tuition and fees to secure a slot.

### Basic Technical Certificate Major Code: 4500V

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>First Semester Freshman Year</b>		
PROG ELEC	Program Elective	8
<b>Total</b>		<b>8</b>
<b>Program Electives:</b>		
AIRC 134	National Electrical Code	1
AIRC 135	Air Conditioning	7.5
AIRC 136	EPA Certification	1
AIRC 137	Fossil Fuel Furnaces	8
AIRC 138	Ammonia Refrigeration	8
AIRC 139	Heat Pumps	8
AIRC 140	Commercial Refrigeration	7.5
<b>Total Credit Hours Required for this Major:</b>		<b>8</b>

### Intermediate Technical Certificate Major Code: 4500T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
AIRC 137	Fossil Fuel Furnaces	8
AIRC 139	Heat Pumps	8
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
AIRC 135	Air Conditioning	7.5
or AIRC 140	Commercial Refrigeration	
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	
MATH GE	Any Gen. Ed. Math Course	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>16.5</b>
<b>Recommended Elective Courses:</b>		
CISA 101	Office Applications Overview	3
<b>Total Credit Hours Required for this Major:</b>		<b>32.5</b>

*\*Prerequisite or corequisite required*



Associate of Applied Science  
Major Code: 4500A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
AIRC 137	Fossil Fuel Furnaces	8
AIRC 139	Heat Pumps	8
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
AIRC 134	National Electrical Code	1
AIRC 135	Air Conditioning	7.5
AIRC 136	EPA Certification	1
AIRC 140	Commercial Refrigeration	7.5
<b>Total</b>		<b>17</b>
<b>Summer Semester Freshman Year</b>		
AIRC 138	Ammonia Refrigeration	8
<b>Total</b>		<b>8</b>
<b>Fall Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>12</b>
<b>Spring Semester Sophomore Year</b>		
ELEC GE	General Education Elective	4
ELEC ANY	College Level Electives	3
<b>Total</b>		<b>7</b>
<b>Recommended Elective Courses:</b>		
AIRC 285	Cooperative Education	1-8
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\* Prerequisite or corequisite required.*

## AUTO BODY TECHNOLOGY

Contact: Timothy Pierce, (208) 732-6331  
tpierce@csi.edu

The Auto Body Technology Program is designed to provide the technical and professional competence required for entry-level technicians. The program involves classroom and lab experience on CSI vehicles and working at a new vehicle dealership or independent auto body shop.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/AutoBody>

**Program Application Required: Yes**

**Sample Career Opportunities:** Automotive Body and Related Repairers; Automotive Glass Installers and Repairers; Automotive Painters

*\*Talk to an advisor for additional career choices*

**Program Admission Requirements:**

1. Take CSI Placement Exam.
2. Take Exam scores to program adviser for interpretation, personal interview and program acceptance.
3. Pay first semester's tuition and fees to secure a slot.

### Auto Collision Repair-Basic Technical Certificate Major Code: 4520V

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
AUTB 130	Metal Welding & Cutting	3
AUTB 150	Auto Body Shop Fundamentals	2
AUTB 152	Metal Finishing & Body Filling	3
<b>Total</b>		<b>8</b>

**Total Credit Hours Required for this Major: 8**

### Auto Refinishing-Basic Technical Certificate Major Code: 4521V

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
AUTB 150	Auto Body Shop Fundamentals	2
AUTB 152	Metal Finishing & Body Filling	3
AUTB 163	Painting & Refinishing	4
<b>Total</b>		<b>9</b>

**Total Credit Hours Required for this Major: 9**

**Intermediate Technical Certificate  
Major Code: 4520T**

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
MATH GE	Any Gen. Ed. Math Course	3
AUTB 130	Metal Welding & Cutting	3
AUTB 150	Auto Body Shop Fundamentals	2
AUTB 152	Metal Finishing & Body Filling	3
AUTB 155	Plastic & Adhesives	2
AUTB 163	Painting & Refinishing	4
<b>Total</b>		<b>17</b>
<b>Spring Semester Freshman Year</b>		
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	3
AUTB 136	Electrical	4
AUTB 151	Panel Repair Replace & Adjustment	4
AUTB 158	Collision Repair Projects	6
<b>Total</b>		<b>17</b>
<b>Summer Semester Freshman Year</b>		
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>3</b>
<b>Recommended Elective Courses:</b>		
AUTB 107	Applied Leadership	1
CISA 101	Office Applications Overview	3
HLTH 150	First Aid & CPR	2
<b>Total Credit Hours Required for this Major:</b>		<b>37</b>

*\*Prerequisite or corequisite required.*

**Associate of Applied Science  
Major Code: 4520A**

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
MATH GE	Any Gen. Ed. Math Course	3
AUTB 130	Metal Welding & Cutting	3
AUTB 150	Auto Body Shop Fundamentals	2
AUTB 152	Metal Finishing & Body Filling	3
AUTB 155	Plastic & Adhesives	2
AUTB 163	Painting & Refinishing	4
<b>Total</b>		<b>17</b>
<b>Spring Semester Freshman Year</b>		
ENGL 101	English Composition 1*	3
AUTB 136	Electrical	4
AUTB 151	Panel Repair Replace & Adjustment	4
AUTB 158	Collision Repair Projects	6
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
AUTB 156	Management & Estimating	1
AUTB 159	Mechanical & Electrical Components	5
AUTB 166	Structural Analysis & Damage Repair	6
<b>Total</b>		<b>18</b>
<b>Spring Semester Sophomore Year</b>		
ELEC GE	Any additional Gen. Ed. credits	4
AUTB 167	Advanced Collision Repair	6
AUTB 268	Individual AB Collision Rep and Ref	6
<b>Total</b>		<b>16</b>
<b>Recommended Elective Courses:</b>		
AUTB 107	Applied Leadership	1
AUTB 285	Cooperative Education	1-8
BUSM 150	Human Relations in Supervision	3
CISA 101	Office Applications Overview	3
HLTH 150	First Aid & CPR	2
<b>Total Credit Hours Required for this Major:</b>		<b>68</b>

## AUTOMOTIVE SERVICE EDUCATIONAL PROGRAM

**Contact:** David Rodriguez, (208)732-6334 drodriguez@csi.edu  
 Robyn Swainston (208) 732-6332 rswainst@csi.edu

The CSI Automotive Service Education program (ASEP) is designed to provide the technical and professional competency required for GM dealership and ACDelco service center employment. The curriculum is designed in conjunction with General Motors, ACDelco and the IAGMASEP organization. The program involves classroom and lab experience on GM vehicles as well as work experience in a GM dealership or ACDelco service center. This is a limited enrollment program with additional entrance requirements. Additional information and current application requirements can be found at: <http://tradeindustry.csi.edu/automotive/>. Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Automotive>

**Program Application Required: Yes**

**Sample Career Opportunities:** Automotive Service Technicians and Mechanics

*\*Talk to an advisor for additional career choices*

**Program Admission Requirements**

1. Take CSI Placement Exam scores to program adviser for interpretation, personal interview and program acceptance.
2. Secure and be employed by a sponsoring GM or ACDelco employer before the start of the program.
3. Pay first semester's tuition and fees to secure a slot.

### Associate of Applied Science Major Code: 4532A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
ASEP 100	Automotive Fundamentals	2
ASEP 101	Engine Repair	4
ASEP 105	Brakes	3
ASEP 106	Electrical/Electronic Systems	3
ENGL 101	English Composition I	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
ASEP 104	Steering & Suspension*	4
ASEP 107	Heating & Air Conditioning*	4
ASEP 121	Work Experience I	4
ELEC GE	Any additional Gen Ed. credits	4
<b>Total</b>		<b>16</b>
<b>Summer Semester</b>		
ASEP 222	Work Experience 2	4
<b>Total</b>		<b>4</b>
<b>Fall Semester Sophomore Year</b>		
ASEP 206	Electrical/Electronic Systems 2*	4
ASEP 208	Engine Performance*	4
ASEP 223	Work Experience 3	4
SOCS GE	Any Social Science Course	3
COMM 101	Fundamentals of Oral Communication	3
<b>Total</b>		<b>18</b>
<b>Spring Semester Sophomore Year</b>		
ASEP 202	Automatic Transmission/Transaxle	4
ASEP 203	Manual Drive Train & Axle*	4
ASEP 268	Engine Performance 2/Adv Diagnosis*	4
MATH GE	Any Gen. Ed. Math	3
<b>Total</b>		<b>15</b>
<b>Total Credit Hours Required for this Major:</b>		<b>68</b>

## CABINETMAKING/WOODWORKING

**Contact:** Ken Triplett Jr., (208) 732-6335  
 ktripplett@csi.edu

The Cabinetmaking/Woodworking program is designed to develop the student's mental and physical skills required in the woodworking industry. This involves using all aspects of modern woodworking facilities. The student will become well skilled in the use of the machinery as well as being informed about the safety of every machine. The student will be trained to become employable as a cabinetmaker, wood window maker, installer, woodworker machine operator, assembler, finish carpenter, and furniture maker. This is a limited enrollment program.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Cabinetmaking>

**Program Application Required: Yes**

**Sample Career Opportunities:** Cabinetmakers and Bench Carpenters; Wood Model Makers; Wood Patternmakers; Wood Sawing Machine Setters, Operators, and Tenders

*\*Talk to an advisor for additional career choices*

**Program Admission Requirements**

1. Take CSI Placement Exam.
2. Take CSI Placement Exam scores to program adviser for interpretation, personal interview and program acceptance.
3. Pay first semester's tuition and fees to secure a slot.

### Basic Technical Certificate Major Code: 4540V

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
CABW 100A	Woodworking Safety 1	1
CABW 100B	Woodworking Safety 2*	1
CABW 110	Basic Understanding of Wood Types*	1
CABW 121	Applied Mathematics*	1
CABW 131	Basic Drafting*	1
CABW 141	Applied Joinery*	2
CABW 143	Layout Procedures*	1
CABW 150	Face Frame Construction*	1
CABW 159	Project Applications*	2
CABW 175	Box Construction*	3
<b>Total</b>		<b>14</b>
<b>Total Credit Hours Required for this Major:</b>		<b>14</b>

*\*Prerequisite or Corequisite required.*

**Intermediate Technical Certificate  
Major Code: 4540T**

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
CABW 100A	Woodworking Safety 1	1
CABW 100B	Woodworking Safety 2*	1
CABW 110	Basic Understanding of Wood Types*	1
CABW 121	Applied Mathematics*	1
CABW 131	Basic Drafting*	1
CABW 141	Applied Joinery*	2
CABW 143	Layout Procedures*	1
CABW 150	Face Frame Construction*	1
CABW 159	Project Applications*	2
CABW 175	Box Construction*	3
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	3
<b>Total</b>		<b>17</b>

<b>Spring Semester Freshman Year</b>		
MATH GE	Any Gen. Ed. Math Course	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
CABW 160	Door Construction*	2
CABW 163	Drawer Construction*	2
CABW 170	Construction Theory*	3
CABW 176	Installation*	1
CABW 180	Counter Tops*	2
<b>Total</b>		<b>16</b>

**Total Credit Hours Required for this Major: 33**

*\*Prerequisite or Corequisite required.*

**Associate of Applied Science  
Major Code: 4540A**

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
CABW 100A	Woodworking Safety 1	1
CABW 100B	Woodworking Safety 2*	1
CABW 110	Basic Understanding of Wood Types*	1
CABW 121	Applied Mathematics*	1
CABW 131	Basic Drafting*	1
CABW 141	Applied Joinery*	2
CABW 143	Layout Procedures*	1
CABW 150	Face Frame Construction*	1
CABW 159	Project Applications*	2
CABW 175	Box Construction*	3
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	3
<b>Total</b>		<b>17</b>

<b>Spring Semester Freshman Year</b>		
MATH GE	Any Gen. Ed. Math Course	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
CABW 160	Door Construction*	2
CABW 163	Drawer Construction*	2
CABW 170	Construction Theory*	3
CABW 176	Installation*	1
CABW 180	Counter Tops*	2
<b>Total</b>		<b>16</b>

<b>Fall Semester Sophomore Year</b>		
CABW 189	CNC Computer Applications*	2
CABW 189L	CNC Computer Applications Lab*	2
CABW 207	Applied Leadership*	1
CABW 269	Advanced Projects*	3
CABW 290	Special Construction*	2
ENGL 101	English Composition 1*	3
ELEC ANY	College Level Electives	3
<b>Total</b>		<b>16</b>

<b>Spring Semester Sophomore Year</b>		
ELEC GE	Any additional Gen. Ed. credits	4
CABW 205	Finishing, Sanding, & Staining*	3
CABW 295	Distressed Furniture*	3
ELEC ANY	College Level Electives	5
<b>Total</b>		<b>15</b>

<b>Recommended Elective Courses:</b>		
CABW 101	Intro to Woodworking	2
CABW 285	Cooperative Education	1-8

**Total Credit Hours Required for this Major: 64**

*\*Prerequisite or Corequisite required.*



## DIESEL TECHNOLOGY

**Contact:** Levi Perkins (208) 732-6371  
lperkins@csi.edu

This limited enrollment program provides the student with the skills needed to work on diesel powered equipment.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/DieselTech>

**Program Application Required: Yes**

**Sample Career Opportunities:** Bus and Truck Mechanics and Diesel Engine Specialists

*\*Talk to an advisor for additional career choices*

### Program Admission Requirements

1. All general education requirements must be met or instructor permission before entering the Diesel Technology Program.
2. Take CSI Placement Exam.
3. Program Application and Letter of Intent must be submitted to Program Advisor with CSI Placement Exam scores.
4. Take CSI Placement Exam scores to program advisor for interpretation, personal interview and program acceptance.
5. Pay first semester's tuition and fees to secure a slot.

### Intermediate Technical Certificate Major Code: 4562T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
MATH GE	Any Gen. Ed. Math Course	3
DIET 101	Introduction to Diesel Technology	1
DIET 103	Fundamentals of Electricity	4
DIET 105	Electrical Systems	1
DIET 107	Applied Leadership	1
DIET 108	Heating, Ventilation & Air Conditioning	2
DIET 109	Analysis of Hydraulics	3
DIET 111	Hydraulic and Air Brake Systems*	3
<b>Total</b>		<b>18</b>

### Spring Semester Freshman Year

COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	3
DIET 113	Diesel Fuel Injection	1
DIET 115	Basic Diesel Engines	3
DIET 117	Advanced Diesel Engines*	2
DIET 119	Drive Train Fundamentals	4
DIET 123	Suspension & Steering Systems	2
DIET 125	Preventative Maintenance	1
<b>Total</b>		<b>16</b>

### Summer Semester Freshman Year

SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>3</b>

**Total Credit Hours Required for this Major: 37**

*\*Prerequisite or corequisite required.*

### Associate of Applied Science Major Code: 4562A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
MATH GE	Any Gen. Ed. Math Course	3
DIET 101	Introduction to Diesel Technology	1
DIET 103	Fundamentals of Electricity	4
DIET 105	Electrical Systems	1
DIET 107	Applied Leadership	1
DIET 108	Heating, Ventilation & Air Conditioning	2
DIET 109	Analysis of Hydraulics	3
DIET 111	Hydraulic and Air Brake Systems*	3
<b>Total</b>		<b>18</b>

### Spring Semester Freshman Year

ENGL 101	English Composition 1*	3
DIET 113	Diesel Fuel Injection	1
DIET 115	Basic Diesel Engines	3
DIET 117	Advanced Diesel Engines*	2
DIET 119	Drive Train Fundamentals	4
DIET 123	Suspension & Steering Systems	2
DIET 125	Preventative Maintenance	1
<b>Total</b>		<b>16</b>

### Summer Semester Freshman Year

DIET 201	Advance Diesel Technology	9
<b>Total</b>		<b>9</b>

### Fall Semester Sophomore Year

DIET 158	Advanced Occupational Communication	1
DIET 285	Cooperative Education	8
ELEC GE	Any additional Gen. Ed. credits	4
<b>Total</b>		<b>13</b>

### Spring Semester Sophomore Year

COMM 101	Fundamentals of Oral Communication	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>6</b>

**Total Credit Hours Required for this Major: 62**

*\*Prerequisite or corequisite required.*

## DRAFTING TECHNOLOGY

Contact: Pat Ferrell, (208) 732-6326  
pferrell@csi.edu

The Drafting Technology program provides training in aspects of drafting using CAD programs and traditional techniques. Students considering this program should possess a high aptitude for detail work and spatial relationships, be able to work in a team setting, and have a strong math background including algebra. This is a limited enrollment program.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Drafting>

### Program Application Required: Yes

**Sample Career Opportunities:** Architectural and Civil Drafters; Electrical and Electronics Drafters; Mechanical Drafters

*\*Talk to an advisor for additional career choices*

### Program Admission Requirements

1. Take CSI Placement Exam.
2. Take CSI Placement Exam scores to program adviser for interpretation, personal interview and program acceptance.
3. Pay first semester's tuition and fees to secure a slot.
4. Must have completed CISA 101.

## Intermediate Technical Certificate Major Code: 4570T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>First Semester</b>		
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	
MATH GE	Any Gen. Ed. Math Course	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>9</b>
<b>Second Semester</b>		
DRAT 131	Introduction to Board Drafting	2
DRAT 132	Intro to Computer Aided Drafting*	4
DRAT 133	Orthographic Projection*	4
DRAT 134	Dimensioning Standards*	3
DRAT 135	Dimensioning in AutoCAD*	2
<b>Total</b>		<b>15</b>
<b>Third Semester</b>		
DRAT 148	Intermediate Drafting*	2
DRAT 149	Solid Modeling	3
DRAT 152	Civil Drafting	6
DRAT 156	Architectural Drafting	6
<b>Total</b>		<b>17</b>
<b>Recommended Elective Courses:</b>		
DRAT 285	Cooperative Education*	2-12
CISA 101	Office Applications Overview	3
<b>Total Credit Hours Required for this Major:</b>		<b>41</b>

*\*Prerequisite or corequisite required.*

## Associate of Applied Science Major Code: 4570A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>First Semester</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
<b>Total</b>		<b>9</b>
<b>Second Semester</b>		
COMM 101	Fundamentals of Oral Communication	3
CISG 101	Photoshop 1*	3
ELEC GE	Any additional Gen. Ed. Credits	4
DRAT 105	Trigonometry for the Trades*	1
GEOL 126	Fundamentals of GIS	3
GEOL 126L	Fundamentals of GIS lab	0
<b>Total</b>		<b>14</b>
<b>Third Semester</b>		
DRAT 107	Applied Leadership	1
DRAT 131	Introduction to Board Drafting	2
DRAT 132	Intro to Computer Aided Drafting*	4
DRAT 133	Orthographic Projection*	4
DRAT 134	Dimensioning Standards*	3
DRAT 135	Dimensioning in AutoCAD*	2
<b>Total</b>		<b>16</b>
<b>Fourth Semester</b>		
DRAT 148	Intermediate Drafting*	2
DRAT 149	Solid Modeling	3
DRAT 152	Civil Drafting	6
DRAT 156	Architectural Drafting	6
<b>Total</b>		<b>17</b>
<b>Fifth Semester</b>		
DRAT 150	Machine Drafting	4
DRAT 153	Customizing AutoCAD	2
DRAT 158	Structural Drafting	2
<b>Total</b>		<b>8</b>
<b>Recommended Elective Courses:</b>		
DRAT 285	Cooperative Education*	2-12
CISA 101	Office Applications Overview	3
HLTH 155	Health & Wellness	3
PHYS 100	Survey of Physics	4
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

*\*Prerequisite or corequisite required.*

# MANUFACTURING TECHNOLOGY

Contact: Ben Hamlett (208) 732-6374

bhamlett@csi.edu

Jim Kellis (208) 732-6379

jkellis@csi.edu

Manufacturing Technology is a project based, hands-on program which teaches students the latest technology and techniques in the high-tech world of manufacturing. The topics include manual and CNC (Computer Numeric Control) Machining, Automation and robotics, Plastics and Molding, Process Improvement, and Design. Virtually everything we use is manufactured. Find out how and start a career in Manufacturing. Applying to this program is a separate application process from applying to the College. You should not declare this program as your major until admitted. Additional information and current application requirements can be found at: <http://tradeindustry.csi.edu/manufacturing>

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/MfgTech>

## Program Application Required: Yes

**Sample Career Opportunities:** Industrial Engineering Technicians

*\*Talk to an advisor for additional career choices*

1. Take CSI Placement Exam.
2. Take CSI Placement Exam scores to program advisor for interpretation, personal interview, and program acceptance.
3. Pay first semester's tuition and fees to secure a slot.

## Machining Emphasis

Intermediate Technical Certificate

Major Code: 4584T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
MATH GE	Any Gen. Ed. Math Course	3
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	
MANT 105	CAD Engineering Design	3
MANT 111	Introduction to Manufacturing	3
MANT 144	Introduction to Machining	4
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
SOCS GE	Any Gen. Ed Soc. Science Course	3
MANT 146	NC and CNC Lathe*	3
MANT 165	Lean Manufacturing	3
MANT 244	Advanced Machining*	4
MANT 156	CAD/CAM Applications	4
<b>Total</b>		<b>17</b>

**Total Credit Hours Required for this Major: 33**

*\*Prerequisite or corequisite required.*

Associate of Applied Science

Major Code: 4584A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
MATH GE	Any Gen. Ed. Math Course	3
COMM 101	Fundamentals of Oral Communication	3
MANT 105	CAD Engineering Design	3
MANT 111	Introduction to Manufacturing	3
MANT 144	Introduction to Machining	4
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
SOCY 105	Human Relations	3
MANT 146	NC and CNC Lathe*	3
MANT 165	Lean Manufacturing	3
MANT 244	Advanced Machining*	4
MANT 156	CAD/CAM Applications	4
<b>Total</b>		<b>17</b>
<b>Fall Semester Sophomore Year</b>		
ENGL 101	English Composition 1*	3
MANT 256	Advanced CAD/CAM Systems	4
MANT 145	Introduction to NC & CNC Mill	3
Prog Elec	Program Elective	4
<b>Total</b>		<b>14</b>
<b>Spring Semester Sophomore Year</b>		
PHYS 100	Survey of Physics	4
MANT 250	Machine Maintenance	3
MANT 290	Comprehensive Manufacturing Project*	4
Prog Elec	Program Elective	3
<b>Total</b>		<b>13</b>
<b>Program Electives:</b>		
MANT 120	Geometric Dimensioning & Tolerance	3
MANT 135	Controls and Instrumentation	4
MANT 142	PLC Systems 1	3
MANT 146	NC and CNC Lathe*	3
MANT 172	Industrial Electronics	4
MANT 205	Advanced CAD Engineering Design	3
MANT 242	PLC Systems 2	3
MANT 255	Plastics and Molding Systems	3
MANT 278	Diagnostics and Troubleshooting	4
MANT 280	Manufacturing Projects	1-8
MANT 285	Cooperative Educations	1-8
WELD	Any Welding Course(s)	1-9
CABW	Any CABW or Woodworking Course(s)	1-9
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required.*

## Automation and Robotics Emphasis

Intermediate Technical Certificate  
Major Code: 4584T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
MATH GE	Any Gen. Ed. Math Course	3
COMM 101 or ENGL 101	Fundamentals of Oral Communication English Composition 1*	3
MANT 105	CAD Engineering Design	3
MANT 111	Introduction to Manufacturing	3
MANT 142	PLC Systems 1	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
SOCS GE	Any Gen. Ed. Soc. Science Course	3
MANT 135	Controls and Instrumentation	4
MANT 165	Lean Manufacturing	3
MANT 242	PLC Systems 2	3
Prog Elec	Program Elective	3
<b>Total</b>		<b>17</b>
<b>Program Elective:</b>		
MANT 120	Geometric Dimensioning & Tolerance	3
MANT 144	Introduction to Machining	4
MANT 145	Introduction to NC & CNC Mill	3
MANT 146	NC and CNC Lathe*	3
MANT 156	CAD/CAM Applications	4
MANT 172	Industrial Electronics	3
MANT ELEC	Any Manufacturing course	3
<b>Total Credit Hours Required for this Major:</b>		<b>32</b>

*\*Prerequisite or corequisite required.*

## Associate of Applied Science Major Code: 4584A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
MATH GE	Any Gen. Ed. Math Course	3
COMM 101	Fundamentals of Oral Communication	3
MANT 105	CAD Engineering Design	3
MANT 111	Introduction to Manufacturing	3
MANT 142	PLC Systems 1	3
<b>Total</b>		<b>15</b>
<b>Spring Semester Freshman Year</b>		
SOCY 105	Human Relations	3
MANT 135	Controls and Instrumentation	4
MANT 165	Lean Manufacturing	3
MANT 242	PLC Systems 2	3
Prog Elec	Program Elective	3
<b>Total</b>		<b>16</b>
<b>Fall Semester Sophomore Year</b>		
ENGL 101	English Composition 1*	3
MANT 172	Industrial Electronics	3
Prog Elec	Program Elective	9
<b>Total</b>		<b>15</b>
<b>Spring Semester Sophomore Year</b>		
PHYS 100	Survey of Physics	4
MANT 250	Machine Maintenance	3
MANT 290	Comprehensive Manufacturing Project*	4
Prog Elec	Program Elective	3
<b>Total</b>		<b>14</b>
<b>Program Elective:</b>		
MANT 120	Geometric Dimensioning & Tolerance	3
MANT 144	Introduction to Machining	4
MANT 145	Introduction to NC & CNC Mill	3
MANT 146	NC and CNC Lathe*	3
MANT 156	CAD/CAM Applications	4
MANT 205	Advanced CAD Engineering Design	3
MANT 244	Advanced Machining*	4
MANT 255	Plastics and Molding Systems	3
MANT 256	Advanced CAD/CAM Systems	4
MANT 278	Diagnostics and Troubleshooting	4
MANT 280	Manufacturing Projects	1-8
MANT 285	Cooperative Educations	1-8
WELD	Any Welding Course(s)	1-9
CABW	Any CABW or Woodworking Course(s)	1-9
<b>Total Credit Hours Required for this Major:</b>		<b>60</b>

*\*Prerequisite or corequisite required.*



## WELDING TECHNOLOGY

**Contact: Hank Bauman (208) 732-6372**  
**hbauman@csi.edu**

The Welding program is designed to develop the necessary mental and manipulative skills required for successful entry into the welding industry. It involves all the modern welding applications using the latest equipment. Students are trained to be employable with entry-level skills. This is a limited enrollment program.

Gainful Employment data for this program may be found on the department web page: <https://www.csi.edu/ge/Welding>

**Program Application Required: Yes**

**Sample Career Opportunities:** Welders, Cutters, Solderers, and Brazers; Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders

*\*Talk to an advisor for additional career choices*

**Program Admission Requirements**

1. Take CSI Placement Exam.
2. Take CSI Placement Exam scores to program adviser for interpretation, personal interview and program acceptance.
3. Pay first semester's tuition and fees to secure a slot.

### Basic Technical Certificate Major Code: 4661V

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
WELD 107	Applied Leadership & Safety	1
WELD 132	Thermal Cutting Processes	2
WELD 149	Basic Blueprint Reading	2
WELD 154	SMAW 1 (Arc Welding)	2
WELD 156	GMAW & FCAW 1 (MIG)	2
WELD 158	GTAW 1 (TIG)	2
<b>Total</b>		<b>11</b>
<b>Spring Semester Freshman Year</b>		
WELD 150	Intermediate Blueprint Reading	2
WELD 155	SMAW 2 (Arc Welding)*	3
WELD 157	GMAW & FCAW 2 (MIG)*	3
WELD 159	GTAW 2 (TIG)*	3
PROG ELEC	Program Elective	3
<b>Total</b>		<b>14</b>
<b>Program Electives:</b>		
WELD 235	GMAW & FCAW Project Application*	3
WELD 237	GTAW Project Application*	3
<b>Total Credit Hours Required for this Major:</b>		<b>25</b>

### Intermediate Technical Certificate Major Code: 4661T

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
MATH GE	Any Gen. Ed. Math Course	3
HLTH 150	First Aid & CPR	2
WELD 107	Applied Leadership & Safety	1
WELD 132	Thermal Cutting Processes	2
WELD 149	Basic Blueprint Reading	2
WELD 154	SMAW 1 (Arc Welding)	2
WELD 156	GMAW & FCAW 1 (MIG)	2
WELD 158	GTAW 1 (TIG)	2
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
COMM 101 or ENGL 101	Fundamentals of Oral Communication English Composition 1*	3
WELD 150	Intermediate Blueprint Reading	2
WELD 155	SMAW 2 (Arc Welding)*	3
WELD 157	GMAW & FCAW 2 (MIG)*	3
WELD 159	GTAW 2 (TIG)*	3
<b>Total</b>		<b>14</b>
<b>Summer Semester Freshman Year</b>		
SOCS GE	Any Gen. Ed Soc. Science Course	3
PROG ELEC	Program Elective	6
<b>Total</b>		<b>9</b>
<b>Program Electives:</b>		
WELD 235	GMAW & FCAW Project Application	6
WELD 280	Project Application	2-6
WELD 237	GTAW Project Application	3
WELD 285	Coop Education	3-6
<b>Recommended Elective Courses:</b>		
WELD 238	Pipe Welding Qualification	3
WELD 239	Structural Steel Welding & Qualification	3
WELD 240	Stainless Steel & Sanitary Welding	3
<b>Total Credit Hours Required for this Major:</b>		<b>39</b>

Associate of Applied Science  
Major Code: 4661A

*\*\*Alternative plans of study available by contacting your advisor*

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
MATH GE	Any Gen. Ed. Math Course	3
HLTH 150	First Aid & CPR	2
WELD 107	Applied Leadership & Safety	1
WELD 132	Thermal Cutting Processes	2
WELD 149	Basic Blueprint Reading	2
WELD 154	SMAW 1 (Arc Welding)	2
WELD 156	GMAW & FCAW 1 (MIG)	2
WELD 158	GTAW 1 (TIG)	2
<b>Total</b>		<b>16</b>
<b>Spring Semester Freshman Year</b>		
ENGL 101	English Composition 1*	
WELD 150	Intermediate Blueprint Reading	2
WELD 155	SMAW 2 (Arc Welding)*	3
WELD 157	GMAW & FCAW 2 (MIG)*	3
WELD 159	GTAW 2 (TIG)*	3
<b>Total</b>		<b>14</b>
<b>Summer Semester Freshman Year</b>		
SOCS GE	Any Gen. Ed Soc. Science Course	3
PROG ELEC	Program Elective	6
<b>Total</b>		<b>9</b>
<b>Fall Semester Sophomore Year</b>		
WELD 266	GMAW & FCAW Qualification/Fabrication	6
WELD 267	SMAW Qualification and Fabrication	6
<b>Total</b>		<b>12</b>
<b>Spring Semester Sophomore Year</b>		
COMM 101	Fundamentals of Oral Communication	3
WELD 268	GTAW Qualification and Fabrication	6
ELEC GE	Any additional Gen. Ed. credits	4
<b>Total</b>		<b>13</b>
<b>Program Electives:</b>		
WELD 200	Independent Studies	1-3
WELD 235	GMAW & FCAW Project Application*	3
WELD 237	GTAW Project Application*	3
WELD 285	Cooperative Education	3-6
WELD 280	Project Application	2-6
<b>Recommended Elective Courses:</b>		
WELD 238	Pipe Welding Qualification*	3
WELD 239	Structural Steel Welding & Qualification*	3
WELD 240	Stainless Steel & Sanitary Welding	3
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

*\*Prerequisite or corequisite required.*

# COURSE DESCRIPTIONS

## AIR CONDITIONING, REFRIGERATION & HEATING

- AIRC 134 National Electrical Code 1 Cr Hrs**  
This course is designed to help the student pass the state of Idaho's electrical exam for a limited electrical license after the required hours of field experience. The applicable sections of the National Electrical Code will be covered. It will also give the students a working knowledge of the National Electrical Code and its importance.
- AIRC 135 Air Conditioning 7.5 Cr Hrs**  
A study in general service and installation of refrigerated and evaporative air conditioners. Students will learn the refrigeration cycle as applied to air conditioning along with the electrical circuits and controls. Psychometrics of air will be studied along with processes of dehydration and humidification control. Cooling loads will be calculated for proper application of air conditioning.
- AIRC 136 EPA Certification 1 Cr Hrs**  
This course is designed to help the student pass the Environmental Protection Agency's Refrigerant Management Certification test. The student is responsible for taking the certification test and the cost of the test. The student needs to be certified to work in the trade.
- AIRC 137 Fossil Fuel Furnaces 8 Cr Hrs**  
A study in general service and installation of gas, oil, and electrical resistance heating systems installed in residential and light commercial structures. Instruction will cover system controls, consumption and combustion fuels, warm air systems, duct work, hydronics systems, piping, and heat loads.
- AIRC 138 Ammonia Refrigeration 8 Cr Hrs**  
A study covering the special applications of the Ammonia refrigeration cycle such as multiple evaporators, special defrost, ultra-low temperature, cascade systems, multiple compressors, and head pressure control in ambient and various load conditions. Special refrigerant controls such as evaporator pressure regulators, expansion valves, and compressor unloading valves will be studied.
- AIRC 139 Heat Pumps 8 Cr Hrs**  
A study in general service and installation of heat pumps. Students will learn the refrigeration cycle as applied to heat pumps along with the electrical circuits and controls. Psychometrics of air will be studied along with processes of dehydration and humidification control. Cooling and heating loads will be calculated for proper application of heat pumps.
- AIRC 140 Commercial Refrigeration 7.5 Cr Hrs**  
A study covering the special applications of the refrigeration cycle such as multiple evaporators, special defrost, ultra-low temperature, cascade systems, multiple compressors, and head pressure control in low ambient and various load conditions. Special refrigerant controls such as evaporator pressure regulators, expansion valves, and compressor unloading valves will be studied, with special emphasis on line sizing and unit selection.
- AIRC 199 Special Topics 1-5 Cr Hrs**  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**AIRC 285 Cooperative Education 1-8 Cr Hrs**  
Cooperative Education allows the student to apply learning to real-life career possibilities. Written learning objectives agreed upon by the student, the department, and the employer will be the basis for evaluating, grading, and granting of credit hours. Prerequisite: Successful interview with the Placement Committee. This option can be taken in any of the semesters.

## AUTO BODY TECHNOLOGY

**AUTB 101 Intro to Auto Body Repair & Paint 1 6 Cr Hrs**  
Course is an introduction to the basic skills of auto body repair, painting, and refinishing.

**AUTB 102L Intro to Auto Body Repair & Paint 2 6 Cr Hrs**  
This course is a continuation of AUTB 101. It expands on the basic skills of auto body repair, painting, and refinishing as well as an introduction to damage analysis & underbody measuring. Prerequisite: AUTB 101. (Post-secondary articulation may be awarded to successful completers).

**AUTB 107 Applied Leadership 1 Cr Hrs**  
This is an independent study program. Students may participate in technical student organizations, which may include instruction and participation in leadership activities, human relations, oral communications, parliamentary procedures, committee work, social and business ethics, dressing for success, and other areas that promote a successful career. Lab activities include filling out work orders on vehicles using proper service information and collision estimating guides. Monitor work progress using the time clock following task list for the Auto body program. Student responsibilities include assignments as shop Foreperson to work with students as a team, following safety and CSI school policies as outlined.

**AUTB 130 Metal Welding & Cutting 3 Cr Hrs**  
Utilizing automotive sheet steel and aluminum, vehicle body components and industry service information, students participate in interactive classroom and lab exercises in general welding safety, GMA (MIG) welding, oxyacetylene welding/cutting/heating, and plasma arc cutting.

**AUTB 136 Electrical 4 Cr Hrs**  
Utilizing CSI Vehicles, components and industry service information, students participate in interactive classroom and lab exercises on basic circuitry, wiring schematics and the diagnosis and servicing of electrical and electronic components and active/passive restraint systems.

**AUTB 150 Auto Body Shop Fundamentals 2 Cr Hrs**  
Utilizing CSI vehicles, components & service information, students participate in interactive classroom and lab exercises on basic shop routines, manuals, tools, vehicles and their parts, and repair documents that are part of the auto body repair environment. Emphasis on general shop safety, responsibilities of the technician to employers, fellow workers, and the customers he/she serves are stressed.

**AUTB 151 Panel Repair Replace & Adjustment 4 Cr Hrs**  
Utilizing CSI vehicles, components and industry service information, students participate in interactive classroom and lab exercises on the identity of auto body parts and their structural relationships. The removal, installation, adjustment, and alignment of body hardware, body trim, and body sheet metal parts (using basic hand tools) are skills that must be mastered in this course. Safety in the performance of these tasks is highly stressed.

**AUTB 152 Metal Finishing & Body Filling 3 Cr Hrs**  
Utilizing CSI vehicles, components and industry service information, students participate in interactive classroom and lab exercises on metal bumping, straightening, metal finishing and metal shrinking, using heat in correcting shape, and the control of heat distortion. Students

use hand and power tools including reciprocating sanders/grinders, and orbital or in-line sanders. Students learn metal preparation steps, application and sanding of body fillers, primers, and basic topcoat applications.

**AUTB 155 Plastic & Adhesives 2 Cr Hrs**  
Utilizing CSI vehicles, components and industry service information, students participate in interactive classroom and lab exercises on identifying the different types of plastics and popular composites in use today. Instruction will include repair procedures utilizing plastic welding and two component adhesive systems, replacement procedures, and refinishing procedures. Safety in the use, handling, and disposal of these materials will be stressed.

**AUTB 156 Management & Estimating 1 Cr Hrs**  
Utilizing CSI vehicles, components and industry service information, students participate in interactive classroom and lab exercises on vehicle identification using VIN and production codes, referencing replacement parts information and labor operations for damaged vehicles using collision estimating guides, and properly record data gathered onto damage reports, repair orders, work orders, etc. Familiarization with computerized estimating software and interpretation of computer generated damage reports will be introduced. Human relations skills necessary to interact with customers, employers, and co-workers are emphasized.

**AUTB 158 Collision Repair Projects 6 Cr Hrs**  
Utilizing privately owned vehicles and components, the students will complete (1) small dent repair and color matching, blending, panel and overall painting and/or (2) body component replacement and mechanical/electrical repairs. Students are encouraged to complete as many project repairs during this course to aid in refining their craft and technical skills.

**AUTB 159 Mechanical & Electrical Components 5 Cr Hrs**  
Utilizing CSI vehicles, components and industry service information, students participate in interactive classroom and lab exercises on (1) diagnosis and repair of suspension and steering systems, (2) diagnosis and repair of air conditioning systems, (3) diagnosis and repair of cooling systems, (4) diagnosis and repair of fuel and emissions systems, (5) diagnosis and repair of brake systems.

**AUTB 163 Painting & Refinishing 4 Cr Hrs**  
Utilizing CSI vehicles, components and service information, students participate in interactive classroom and lab exercises on all phases of metal preparation including sanding, masking, metal treatment, and priming. The spraying of basecoat/clearcoat, color matching, color blending, and the proper care of a paint gun are covered in this course. Safety measures when working with paint and other refinishing materials are stressed.

**AUTB 166 Structural Analysis & Damage Repair 6 Cr Hrs**  
Utilizing CSI vehicles, components and service information, students participate in interactive classroom and lab exercises on the repair of a moderate to heavily damaged vehicle using specialized frame and unibody measuring, anchoring, and pulling equipment. The student will use special welding techniques and corrosion preventive materials as required to restore the vehicle as closely as possible to pre-collision condition. The student will use the most up-to-date equipment and materials available or equipment and materials the sponsoring dealer/independent collision shop requests them to use.

**AUTB 167 Advanced Collision Repair 6 Cr Hrs**  
Utilizing privately owned vehicles, components, and industry service information, the student will specialize in one or both of two specialty areas. Those areas are: (1) non-structural analysis and repair and painting/refinishing, and (2) structural analysis and repair and mechanical/electrical component repair.

**AUTB 199 Special Topics 1-5 Cr Hrs**  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**AUTB 200 Auto Body Independent Study 1-3 Cr Hrs**  
This is a term-long activity by contract. Each credit hour is equivalent to 45 hours of work on an agreed learning project. Students should make arrangements with the instructor in their field of interest. A request for this project must be approved by the instructor, department chairman, and appropriate Instructional Dean. Prerequisite: Instructor permission.

**AUTB 268 Individual A B Collision Rep & Ref 2-6 Cr Hrs**  
This course allows the advanced auto body student or industry technician to refine and hone specialization skills in specific repair or auto body repair and painting areas. The student is encouraged to provide his/her own project vehicle(s) and replacement components, or the program will provide projects to students who are not able to provide their own projects. Each student will be interviewed and a specific program of instruction and lab projects will be developed to further the individual's career goals; example: non-structural repair, structural repair, mechanical/electrical repair, or refinish repair.

**AUTB 285 Cooperative Education 1-8 Cr Hrs**  
Cooperative Education allows the student to apply learning to real-life career possibilities at local and regional vehicle dealerships or approved independent collision repair facilities. Students will be matched to job sites based on career interests and skill levels and the site's environment for learning.

## AUTOMOTIVE TECHNOLOGY

**ASEP 100 Automotive Fundamentals 2 Cr Hrs**  
This course is an introduction to automotive service technology that will include instruction on vehicle sub-systems, terminology, navigating service information, tool description and usage, shop safety and pollution prevention. An introduction to all ASE areas of automotive study will be covered in order to give students a base knowledge that will be built upon by the automotive courses within the program. Course is repeatable for tech-prep students. Prerequisite: Instructor permission.

**ASEP 101 Engine Repair 4 Cr Hrs**  
This course is designed to develop the skills and knowledge necessary to perform automotive engine diagnosis, service and repair. Students will take an in-depth look at how a four stroke engine functions. Engine diagnosis, service and repair work will be performed on running vehicles. Students will perform a disassembly procedure of an engine, perform all necessary measurements and reassemble the engine. Course is repeatable for tech-prep students. Prerequisite: Instructor permission.

**ASEP 104 Suspension & Steering 4 Cr Hrs**  
This course is designed for students to develop the skills and knowledge necessary to perform automotive steering and suspension service, diagnosis and repair. Students will analyze and learn about various steering and suspension designs. Component replacement will be performed on various vehicle designs. Students will develop the skills necessary to perform alignments on vehicles and diagnose various steering and suspension concerns. Diagnosis and repair will also be performed on electronic steering and suspension systems, including Vehicle Stability Enhancement Systems. Course is repeatable for Tech Prep students. Prerequisite: ASEP 106.

**ASEP 105 Brakes 3 Cr Hrs**  
This course is designed to give students the opportunity to develop the skills necessary to diagnose, service and repair automotive braking system concerns. Course study will include hydraulic theory and operation, disc braking systems, drum braking systems and anti-lock braking systems. Braking system integration into vehicle stability enhancement systems will also be covered. Students will have the opportunity to perform on-vehicle diagnosis, service and repair of various braking systems, including proper machining processes for brake components. Course is repeatable for tech-prep students. Prerequisite: Instructor permission.

**ASEP 106 Electrical/Electronics Systems 3 Cr Hrs**  
This course covers the theory of electricity and the various laws that apply it. This course is designed to give students the opportunity to explore electricity and how it is used in the automotive industry. On-vehicle diagnosis will be performed by students once they demonstrate their understanding of basic to advanced circuit operation. The emphasis of this course is to develop the skills necessary to diagnose electrical problems in many types of circuits. Students will also receive training on basic computer functions and how they control many of the functions of modern vehicles. This course is repeatable for Tech Prep students. Prerequisite: Instructor permission.

**ASEP 107 Heating & Air Conditioning 4 Cr Hrs**  
This course covers automotive heating, ventilation and air conditioning (HVAC) systems found on modern vehicles. This course is designed to give students the opportunity to explore thermodynamics and air delivery control systems used in the automotive industry. On-vehicle diagnosis will be performed by students once they demonstrate their understanding of HVAC system operation. The emphasis of this course is to develop the skills necessary to diagnose and repair concerns related to the operation of all air conditioning systems. This course is repeatable for Tech Prep students. Prerequisite: ASEP 106.

**ASEP 121 Work Experience I 4 Cr Hrs**  
This course is designed to give students the opportunity to apply the knowledge and skills they have gained in the Automotive Service Educational Program. This practical application opportunity will help to reinforce students' knowledge and understanding of what they have learned and will also provide a real world experience. This invaluable experience will provide an educational experience that will help to excel a student in their automotive service career. Students will track their progress online during their work experience and communicate with the instructor daily. Prerequisite: Instructor permission.

**ASEP 202 Automatic Transmission & Transaxle 4 Cr Hrs**  
This course takes an in-depth look at how automatic transmissions and transaxles function. Students will be analyzing transmission concerns on vehicles to determine the necessary action needed. Proper transmission removal and installation will be performed on a functioning vehicle. Students will learn how to properly diagnose and repair automatic transmission/transaxle concerns including hydraulic, mechanical and electrical concerns. Much of the course time will be spent disassembling, analyzing and reassembling transmissions for the purpose of developing the skills and confidence necessary to be successful in this discipline of the automotive industry. Course is repeatable for Tech Prep students. Prerequisite: ASEP 208.

**ASEP 203 Manual Drive Train & Axle 4 Cr Hrs**  
This course is designed to develop the skills and knowledge necessary to perform manual drive train and axle diagnosis and repair. Students will take an in-depth look at various drive train components, how they work and how to properly repair them. Students will have the opportunity to perform overhaul procedures on manual transmissions, manual



transaxles, transfer cases and drive axle assemblies. All areas of manual drive train diagnosis and repair will be covered. Course is repeatable for Tech Prep students. Prerequisite: ASEP 206.

**ASEP 206 Electrical/Electronic Systems 2 4 Cr Hrs**

This course is designed to develop the skills and knowledge necessary to perform manual drive train and axle diagnosis and repair. Students will take an in-depth look at various drive train components, how they work and how to properly repair them. Students will have the opportunity to perform overhaul procedures on manual transmissions, manual transaxles, transfer cases and drive axle assemblies. All areas of manual drive train diagnosis and repair will be covered. Course is repeatable for Tech Prep students. Prerequisite: ASEP 106.

**ASEP 208 Engine Performance 4 Cr Hrs**

This course is designed to give students the opportunity to understand all of the different aspects of engine performance. This area of study incorporates knowledge gained during the Engine Repair course and Electrical/Electronic Systems courses. Emission control systems and the way vehicles are designed to run as efficiently as possible will be covered. The focus of this course will be an understanding how to diagnose engine performance concerns and how all of the different emission control systems interact. On-vehicle measurement, adjustment, diagnosis and repair will be performed by students. This course is repeatable for Tech Prep students. Prerequisite: ASEP 101 and 106.

**ASEP 222 Work Experience 2 4 Cr Hrs**

This course is designed to give students the opportunity to apply the knowledge and skills they have gained in the Automotive Service Educational Program. This practical application opportunity will help to reinforce students' knowledge and understanding of what they have learned and will also provide a real world experience. This invaluable experience will provide an educational experience that will help to excel a student in their automotive service career. Students will track their progress online during their work experience and communicate with the instructor daily. This course is repeatable up to 12 credits.

**ASEP 223 Work Experience 3 4 Cr Hrs**

This course is designed to give students the opportunity to apply the knowledge and skills they have gained in the Automotive Service Educational Program. This practical application opportunity will help to reinforce students' knowledge and understanding of what they have learned and will also provide a real world hands-on application. This invaluable experience will provide an educational experience that will help to excel a student in their automotive service career. Students will track their progress online during their work experience and communicate with the instructor daily.

**ASEP 268 Engine Performance2/Adv Diagnosis 4 Cr Hrs**

This course is designed to give students the opportunity to improve their understanding of engine performance and gain further knowledge on emission control systems. The majority of time in this course will be spent performing on-vehicle diagnostics on engine performance systems and emission control systems. Light duty diesel engine performance will be covered and on-vehicle diagnosis and repair will be performed. Training will be given on tools required to properly diagnose various engine performance concerns. Advanced diagnosis on various electrical/electronic systems will be performed on-vehicle as well. Prerequisite: ASEP 208.

## CABINETMAKING/WOODWORKING

**CABW 100A Woodworking Safety 1 1 Cr Hrs**

Course examines the proper use and maintenance of hand and power tools used in the cabinetmaking industry. This is also an intense study of workshop, tool, and hazardous material safety. Topics include safety

of self, safety of others, safe worksites, fire and electrical hazards. There will be an introduction to cabinetmaking machinery. Safe handling and storage of hazardous materials such as paints, stains, and glues will be addressed.

**CABW 100B Woodworking Safety 2 1 Cr Hrs**

This is a continued study of shop safety of hand and power equipment common to cabinetmaking and woodworking. There will be demonstrations in the proper and safe use of advanced machinery in the workshop. Students will examine workplace safety issues while completing individual tasks in the group atmosphere of a working shop. Prerequisite: CABW 100A.

**CABW 101 Intro to Woodworking 2 Cr Hrs**

This course is an introduction to the basics of woodworking. Students will be shown safety on hand tools and power machinery. Techniques of woodworking will be demonstrated. This course is intended for non-cabinetmaking majors. The basics of machinery uses and set up procedures will be taught including basic woodworking joinery techniques for introductory projects.

**CABW 110 Basic Understanding of Wood Types 1 Cr Hrs**

Students will be taught basic concepts of woodworking, styles of cabinetry, kinds of building materials, hardware, etc. Students will learn about trees and shrinkage properties and as well as natural and machine-caused defects of hardwoods and softwoods. Students will discuss how to manipulate wood to create shapes and control problems, and how to start a project with thought to wood types, timelines, pricing, ordering, and problems to avoid and be aware of. Laminating, cutting, and planning with relation to wood grain will also be discussed. Students are required to provide their own tools. Corequisite: CABW 100A and 100B.

**CABW 121 Applied Mathematics 1 Cr Hrs**

This course includes instruction and practice in the use of fractions, decimals, measuring tape, problem solving, basic geometric shapes, percentages, and basic trigonometry. It includes figuring board footage, square footage, etc. It also includes use of and figuring on a framing square, combination square, scale, etc., and how to lay out those combinations on projects. Corequisite: CABW 100A and 100B.

**CABW 131 Basic Drafting 1 Cr Hrs**

Students will learn how to use the architect scale, how to read blueprints, how to draw floor plans, and how to make elevation drawings. Students will be taught the difference in wood hardness and origin. Corequisite: CABW 100A and 100B.

**CABW 141 Applied Joinery 2 Cr Hrs**

Students will be taught different kinds and types of joinery for windows, doors, drawers, furniture, and cabinets. Students will demonstrate an understanding of these joineries by tests and manufacturing of joints with the help of the instructor. Students will understand which joint to use for different parts of an application. Corequisite: CABW 100A and 100B.

**CABW 143 Layout Procedures 1 Cr Hrs**

Students will be taught proper procedures for layout of projects. Students will be able to make drawings, produce cutting and materials lists, approximate labor time and cost, and make cost sheets. Step-by-step procedure will demonstrated by students. Corequisite: CABW 100A and 100B.

**CABW 150 Face Frame Construction 1 Cr Hrs**

The study of face frame joinery technique will be discussed in depth and applied by the student. Assembly procedures will be taught and demonstrated. Standard and European designs will be taught. Corequisite: CABW 100A and 100B.

**CABW 159 Project Applications 2 Cr Hrs**

Students will be taught proper procedures for layout of projects. Students will be able to make drawings, produce cutting and materials lists, approximate labor time and cost, and make cost sheets. Step-by-step procedure will be demonstrated by students. Students will be assigned projects by the instructor for individual work and group work. Students will design, list, order and build projects to exact specifications. Students will show adequate competence at this time in all areas. Corequisite: CABW 100A and 100B.

**CABW 160 Door Construction 2 Cr Hrs**

An in-depth study and application of construction of the types and kinds of doors. Students will learn door designing and styling. They will learn the different kinds of hinges and installation procedures. Door construction and joinery will be demonstrated in test and sample projects. This will touch on house door construction also. Prerequisite: CABW 100A and 100B.

**CABW 163 Drawer Construction 2 Cr Hrs**

Students will learn drawer styles, types, and what material to use. Students will be shown how to measure for drawer parts and how to learn drawer design, function, and construction. Students will be taught how to demonstrate their abilities by tests, drawer design, and construction of a drawer. Students are taught all drawer guide systems and uses. Prerequisite: CABW 100A and 100B.

**CABW 170 Construction Theory 3 Cr Hrs**

An intense study of the construction trade with an introduction to wooden and metal framing techniques. Students will explore windows, doors, moldings, built-ins, raters, stringers, and stairs with balusters, posts, and railings. Students will also demonstrate an understanding of local building codes, blueprint reading, and how to make material lists with the use of abbreviations. Prerequisite: CABW 100A and 100B.

**CABW 175 Box Construction 3 Cr Hrs**

An intense study of all types of box construction for cabinets. Case goods are taught and demonstrated in this course. Students are taught how to figure cabinet parts for European and standard cabinets. Students will demonstrate competence on joinery of parts, assembling, listing, machining, and layout of cabinets. Students are taught accuracy of measuring and cutouts and machining of parts. Corequisite: CABW 100A and 100B.

**CABW 176 Installation 1 Cr Hrs**

Students will learn how to install windows, cabinets, doors, moldings, built-ins, countertops, etc. Students will demonstrate this with the use of scribing to walls, ceilings, and floors to cut out for appliances, etc. Prerequisite: CABW 100A and 100B.

**CABW 180 Counter Tops 2 Cr Hrs**

An intense study of the making of plastic laminate countertops, post-forming tops, marble, Corian, and tile. Students will demonstrate competence in countertop construction, applying and installing plastic laminate tops. European construction is included in this course. Prerequisite: CABW 100A and 100B.

**CABW 185 Finishing Sanding & Staining 3 Cr Hrs**

The art of finishing cabinets, windows, and doors is taught. Students will learn kinds of products used in the industry. Students demonstrate competence in finishing by hand, spraying, and sanding.

**CABW 189 CNC Computer Application 2 Cr Hrs**

Students will learn about CNC Machining from concept to finished project. Students will learn tooling, programming, and practices needed to successfully operate CNC routers. This course is accompanied by a lab for students to follow through with design and develop actual projects. Corequisite: CABW 189L

**CABW 189L CNC Computer Application Lab 2 Cr Hrs**

Students will learn about CNC Machining from concept to finishes project. Students will learn tooling, Programming and practices needed to successfully operate CNC routers. This course is the lab class for students taking the CABW 189 class.

**CABW 195 Distressed Furniture 3 Cr Hrs**

Introduction to the design of 15th-18th century distressed furniture building. The class will teach how to design, distress, assembly, and finish 5-7 projects.

**CABW 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**CABW 199B CNC Hands-On Application 2 Cr Hrs**

Students will learn about CNC Machining from concept to finished project. Students will learn fooling, programming, and practices needed to successfully operate CNC routers. This course is accompanied by a lab for students to follow through with design and develop actual projects. Prerequisite: Instructor's permission.

**CABW 200 Cabinetmaking Independent Study 1-3 Cr Hrs**

This is a term-long activity by contract. Each credit hour is equivalent to 45 hours of work on an agreed learning project. Students should make arrangements with the instructor in their field of interest. A request for this project must be approved by the instructor, department chairman, and appropriate Instructional Dean. Prerequisite: Instructor permission.

**CABW 205 Finishing Sanding & Staining 3 Cr Hrs**

The art of finishing for cabinets, furniture, doors, trim etc. Students will learn the use of abrasives and sanding machines, grits to speed. Study of all types of brushed, wiped, spray and decorative finishes. Students will demonstrate use of sanding techniques, and several finishes on sample task pieces as well as project cabinets, doors etc.

**CABW 207 Applied Leadership 1 Cr Hrs**

Students will be taught basic concepts of leadership through the use of our Skills USA chapter. Topics include how to organize and conduct meetings with the proper use of parliamentary procedure and Roberts Rules of Order. Team building skills will be taught and used in the class committees and on projects for clients and community. Learning proper leadership will be assisted by using the Professional Development program booklets from Skills USA.

**CABW 250 Furniture 3 Cr Hrs**

Design, layout, and production of several styles and pieces of furniture. This course will enhance the abilities of the woodworker with producing a chair, table, cabinet, etc, from design to finish. It will challenge the woodworkers in advancement of their abilities in design, layout, joinery, shaping and thinking outside the box. The student will work with new textures, styles, media and finishes. This class will cover instruction on 5-7 projects, students will be shown all 13 projects in text. Each student will produce at least 3 projects. Corequisite: CABW 250L.

**CABW 269 Advanced Projects 3 Cr Hrs**

Students will be assigned and advanced project for work in design, layout, listing of parts, making work orders, bids, performing, and time. Students will show adequate competencies in advancing of quality and time. Course may be repeated for total of six credit hours. Prerequisite: CABW 159.

**CABW 285 Cooperative Education 1-8 Cr Hrs**  
Cooperative Education allows the student to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests and skill levels and the environment of the learning site. Written learning objectives agreed upon by the student, the department, and the employer will be the bases for evaluating, grading, and granting of credit hours. Prerequisite: "C" or better required in the cabinetmaking courses.

**CABW 290 Special Construction 2 Cr Hrs**  
Students will be provided with instruction and demonstrations of various types of woodworking construction in specialty cabinet, furniture, and built-in construction areas. This includes more complex joinery, assembly, layout and artistic components of the woodworking industry. Prerequisite: CABW 159.

**CABW 295 Distressed Furniture 3 Cr Hrs**  
Distressed Furniture construction is designed to instruct students in the new art of replication of distressed or old furniture building. The idea is to instruct the student from the machining, distressing, assembly of, to complete finish of several pieces in various styles of furniture from that period. The course will start with how to design an antique period piece from the 15th to the 18th century styles of furniture. The students will be taught joinery techniques of the period for each piece, this may be different. They will be shown how to sharpen their hand tools such as spoke shaves, chisels, etc. They will be taught how to distress with the use of different paint and stain techniques to achieve the worn look, as well as different lacquers, putty etc. Carving techniques in relief as well as applicator will be shown and demonstrated in its use in the pieces as well as moldings. Prerequisite: CABW 100, CABW 100B, CABW 141, and CABW 143.

## DIESEL TECHNOLOGY

**DIET 101 Introduction to Diesel Technology 1 Cr Hrs**  
Students will be introduced to the latest safety practices and the industry of diesel technology. This class will include field trips and insight on current diesel industry trends and practices. Students will be informed on tool safety and proper shop practices. The students will have the opportunity to attend and complete the OSHA 10 hr. safety class. Prerequisite: Permission of the Instructor.

**DIET 103 Fundamentals of Electricity 4 Cr Hrs**  
Instruction will cover the theory of D/C electrical circuits. Students will learn to use a digital multi-meter and computer. Instruction will also include the diagnosis and repair of all chassis electrical, engine, fuel, and trailer system for diesel vehicles. Prerequisites: Freightliner Online classes & Permission of Instructor.

**DIET 105 Electrical Systems 1 Cr Hrs**  
Instruction will cover time in the classroom and lab time on starting, charging, and battery circuits for diesel equipped vehicles. Students will diagnose, repair and replace starters, alternators, and batteries. Prerequisites: Freightliner Online classes & Permission of Instructor.

**DIET 107 Applied Leadership 1 Cr Hrs**  
Students will be assigned as shop person for one week to work with students as a team following safety and CSI school policies as outlined. The students will take a 1 week job seeking skills class to better understand what industry employers are looking for, such as attitude, appearance and company policies. This information will allow the students to make lists of certain qualities that employers are looking for in employees. SKILLS-USA and the diesel club will be part of the diesel leadership if applicable. Prerequisite: Permission of Instructor.

**DIET 108 Heating, Ventilation & AC 2 Cr Hrs**  
This is a course in theory and laboratory practice on the basic heating, ventilation and air conditioning operations and functions of the different parts and systems on diesel equipment. The students will perform diagnostics, repairs, electrical, and adjustments related to the different AC systems including heating and ventilation systems as related to trucks and equipment on R-12 & R-134a systems. This also includes retrofitting to R-134a. Prerequisite: Permission of Instructor.

**DIET 109 Analysis of Hydraulics 3 Cr Hrs**  
Students will be taught the fundamentals of hydraulic theory and operation. This will include fluid analysis, use of schematics, and rebuilding hydraulic components. The students will disassemble, rebuild and adjust hydraulic cylinders, valves, and pumps. Electronic hydraulic control systems and computer control hydraulic systems will also be covered in this class. The students are taught the use of special testing equipment, the use of tools, and safe shop practices. Corequisite: DIET 111 Hydraulic and Air Brake Systems. Prerequisite: Permission of the instructor.

**DIET 111 Hydraulic & Air Brake Systems 3 Cr Hrs**  
Instructor will cover the components and system analysis for heavy duty brake systems including air brakes, hydraulic brakes and electric over hydraulic brakes. Corequisite: DIET 109 Analysis of Hydraulics. Prerequisite: Permission of Instructor.

**DIET 113 Diesel Fuel Injection 1 Cr Hrs**  
This is a course in theory and service procedures, in which the students will test, repair, overhaul, and adjust fuel injectors with application of special equipment and tools mandatory to efficient fuel injection. Electronic control or EFI computer control systems for fuel injection pumps or injectors will also be covered. Prerequisite: Permission of Instructor.

**DIET 115 Basic Diesel Engines 3 Cr Hrs**  
In this course the students, through disassembly and reassembly, gain knowledge of diesel engines. They learn identification of parts, the use of proper tools, and the importance of shop cleanliness. With the use of precise measuring instruments, they learn how to measure areas of wear pertinent to diesel engines. Prerequisites: Instructor Permission.

**DIET 117 Advanced Diesel Engines 2 Cr Hrs**  
In this course the students will diagnose engine failures including both mechanical and electrical problems. The course will focus on the use of current scan tools and interfacing equipment for modern diesel engines and emission systems. Prerequisites: DIET 115 Basic Diesel Engines & Instructor Permission.

**DIET 119 Drive Train Fundamentals 4 Cr Hrs**  
This course is the study and overhaul of power train, air and electronic shift controls. This includes engine clutches, range transmissions, main transmissions, torque amplifiers, differentials, brakes, final drives, drive lines, power shifts trans. and power takeoffs. Prerequisite: Instructor permission.

**DIET 123 Suspensions & Steering Systems 2 Cr Hrs**  
This is a short course in theory and laboratory practice in which the students will analyze, repair, and adjust front end alignment. They will repair springs, steering drive lines, steering gears, drag links, tie rods, king pins, and understand steering and wheel geometry. Students will become proficient in the diagnosis and repair of steering and controls including brakes, steering, and suspension. Prerequisites: Instructor Permission.

**DIET 125 Preventative Maintenance 1 Cr Hrs**  
Instructor will cover all Preventive Maintenance tasks on trucks as outlined in the NATEF task list covering air brakes, electrical, air and hydraulic brake systems, power steering, suspension and controls,



frame and cab fifth wheel, A/C systems, clutch and drive transmission. The students will make the repairs and adjustments as outlined in the proper service manual. Prerequisite: Instructor Permission.

**DIET 158      Advanced Occupational Communication      1 Cr Hrs**  
Students will become proficient in keeping time tickets, work orders, and other records. Students will improve their skills in working with others - customers, fellow workers, and employers.

**DIET 199      Special Topics      1-5 Cr Hrs**  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**DIET 200      Diesel Independent Study      1-3 Cr Hrs**  
This is a term-long activity by contract. Each credit hour is equivalent to 45 hours of work on an agreed learning project. Students should make arrangements with the instructor in their field of interest. A request for this project must be approved by the instructor, department chairman, and appropriate Instructional Dean. Prerequisite: Instructor permission.

**DIET 201      Advance Diesel Technology      9 Cr Hrs**  
Students will be exposed to and trained using Freightliner Corporate curriculum. They will become familiar with Access Freightliner, PartsPro, and other Freightliner online programs. Students will receive the training necessary to receive Freightliner certifications. Students will also become proficient in the diagnosis and repair of un-simulated diesel equipment failure. This will include testing, repairing, and/or replacing of components. This should be completed in flat rate plus 50% or less following the advanced diesel task list and objectives. Prerequisites: Passing grade in all 100 level diesel courses and Instructor Permission.

**DIET 285      Cooperative Education      9 Cr Hrs**  
Cooperative Education allows the student to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests and skill levels and the environment of the site for learning. Written learning objectives agreed upon by the student, the department, and the employer will be the bases for evaluating, grading, and granting of credit hours. Prerequisite: "C" or better required in the Diesel courses.

## DRAFTING TECHNOLOGY

**DRAT 101      Elements of Drafting Technology 1      1 Cr Hrs**  
This course provides first year drafting students a sense of belonging in the major through interaction with the instructor, second-year students and industry representative. Various exercises will be implemented including team-building, critical thinking, problem solving and small-group dynamics from the standpoint of the drafting technician.

**DRAT 102      Elements of Drafting Technology 2      1 Cr Hrs**  
A continuation of DRAT 101.

**DRAT 105      Trigonometry for the Trades      1 Cr Hrs**  
Practical application of trigonometric principles as they apply to trade and industry. Prerequisite: MATH 123 or appropriate score on the CSI Placement exam score.

**DRAT 107      Applied Leadership      1 Cr Hrs**  
This course requires student active participation in the Drafting Club and events associated with the Club to include community service, fund-raisers, and leadership activities.

**DRAT 131      Introduction to Board Drafting      2 Cr Hrs**  
A study of the graphic language as it pertains to traditional manual drafting techniques and tools. This course provides introduction to freehand lettering, sketching, geometric construction, and basic drawing development, production, and control.

**DRAT 132      Intro to Computer Aided Drafting      4 Cr Hrs**  
A study of the application of traditional drafting methods to the microcomputer using basic CAD (Computer-aided Drafting) concepts, entity creation, editing, and drawing management. This course also includes an overview of microcomputer hardware and software. Prerequisite: DRAT 131.

**DRAT 133      Orthographic Projection      4 Cr Hrs**  
A study of basic drafting theory in orthographic projection and view development, sectional views, and dimensioning as applied through traditional and CAD techniques. Prerequisite: DRAT 132.

**DRAT 134      Dimensioning Standards      3 Cr Hrs**  
A study in the theory and application of CSI and ANSI standards used to describe the size of an object portrayed in a completed view(s). Traditional drafting techniques are used to apply the lessons. Prerequisite: DRAT 133.

**DRAT 135      Dimensioning in AutoCAD      2 Cr Hrs**  
A study in the application of CSI and ANSI standards learned in DRAT 134 using the design package AutoCAD. Focuses on learning the program variables that allows the user to correctly apply the software's internal dimensioning package. Prerequisite: DRAT 134.

**DRAT 136      Drafting Independent Study      1-8 Cr Hrs**  
This course is designed for special projects or productions. It will be a term long activity primarily for advanced students. Each credit hour is equivalent to 3 hours per week of activity. Students should make special arrangements with the instructor in their field of interest.

**DRAT 148      Intermediate Drafting      2 Cr Hrs**  
A continuation of DRAT 133 studying further applications and concepts for traditional and CAD including descriptive geometry, auxiliary views, pictorial projections, and 3D CAD approaching drafting as a problem-solving tool. Prerequisite: DRAT 133.

**DRAT 149      Solid Modeling      3 Cr Hrs**  
Introduction to three-dimensional modeling in AutoCAD. Emphasis on using basic 3-D geometric shapes with Boolean Operators to produce multiview drawing to CSI and ANSI standards.

**DRAT 150      Machine Drafting      4 Cr Hrs**  
A study and application to project drafting of the Machinery's Handbook, manufacturing processes, tolerances and fits, gears, threads, and fasteners. The student will address handling revisions, design process, documentation, and detail/assembly drawings in the industrial mechanical drafting lab.

**DRAT 152      Civil Drafting      6 Cr Hrs**  
This course includes related instruction and the application to civil project drafting of surveying, mapping, profiling and cross sectioning, traverse computation, grades, and field note preparation.

**DRAT 153      Customizing AutoCAD      2 Cr Hrs**  
Students will customize and automate the AutoCAD operating environment and interface including custom menus, macro commands, advanced prototype drawings and Auto LISP programming. Emphasis on block definition with attributes and extraction of attributes for analysis.



**DRAT 154 Electrical Drafting 2 Cr Hrs**  
This course includes electrical theory from the standpoint of the drafting technician. Investigation of different electrical drawing types: block diagrams, ladder (logic) diagrams, single-line diagrams with emphasis on schematics. Focus is industrial motor control circuits.

**DRAT 156 Architectural Drafting 6 Cr Hrs**  
A study of architectural techniques and methods with emphasis on layout, arrangement, symbols, and construction methods of residential and light commercial buildings. Students will produce a working set of residential drawings.

**DRAT 158 Structural Drafting 2 Cr Hrs**  
A study of structural drafting procedures. Course activities will focus on the use of elemental building materials (concrete, steel, and wood) and how they are used in engineering principles in fabricating structures. The different uses of each of these materials will also be discussed.

**DRAT 199 Special Topics 1-5 Cr Hrs**  
This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**DRAT 200 Drafting Independent Study 1-3 Cr Hrs**  
This is a term-long activity by contract. Each credit hour is equivalent to 45 hours of work on an agreed learning project. Students should make arrangements with the instructor in their field of interest. A request for this project must be approved by the instructor, department chairman, and appropriate Instructional Dean. Prerequisite: Instructor permission.

**DRAT 285 Cooperative Education 2-12 Cr Hrs**  
Cooperative Education allows the student to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests and skill levels and the environment of the site for learning. Written learning objectives agreed upon by the student, the department, and the employer will be the bases for evaluating, grading, and granting of credit hours. Prerequisite: "C" or better required in the Drafting courses.

## MANUFACTURING TECHNOLOGY

**MANT 105 CAD Engineering Design 3 Cr Hrs**  
This course is designed to develop skills in engineering design using sketches and computer aided drawing software. The course will topics covered include: drawing projection, section and auxiliary views, pictorial representation, lettering, dimensioning and scales. Prerequisites: Basic knowledge of computers.

**MANT 111 Introduction to Manufacturing 3 Cr Hrs**  
This course is designed to impart technical knowledge and skills for the use of manufacturing equipment and procedures. Knowledge and skills mastered in this class are an introduction to design and production in the manufacturing process. Material covered will include: principles of manufacturing, manufacturing materials, an introduction to Computer Integrated Manufacturing (CIM), along with federal and state OSHA requirements. Industry tours will be a critical part of exploring manufacturing. Prerequisite: MATH 108 or higher or appropriate placement exam score or instructor's permission.

**MANT 120 Geometric Dimensioning & Tolerance 3 Cr Hrs**  
This course will cover the introduction to Geometric dimensioning and tolerancing system used to define and communicate engineering tolerances used in machining. Emphasis is placed on symbol

identification, variation of form and size allowance. Students will apply knowledge from class and standards to skillfully read drawing prints and inspect parts to ensure accuracy.

**MANT 135 Introduction to Control Systems 4 Cr Hrs**  
This course will provide student with skills and terminology needed to understand the fundamentals of control systems including concepts, components, layout drawings, schematic drawings, software, hardware, and documentation. Topics covered are block diagrams, open and closed loop systems, schematics, and automation. This course uses simple projects to gain basic understanding of control systems. Prerequisite: Appropriate placement exam score or Instructor's permission.

**MANT 142 PLC Systems 1 3 Cr Hrs**  
This course is an introductory course in Automation and Robotics. Students will learn to integrate elements of manufacturing production including design, industrial systems, instrumentation, power, conveyance, programmable logic controllers, and elements of robotics. Hands-on operation and experimentation is emphasized. Prerequisite: Appropriate placement exam score or Instructor's Permission.

**MANT 144 Introduction to Machining 4 Cr Hrs**  
This course provides practical hands-on application of manual machine processes including; drilling, tapping, milling, filing, and grinding applied to the study of material and process manufacturing. This course provides the students with the knowledge for lab operation of machining special attachments, bench work, layout, heat treating, hardness testing, layout inspection, jig and fixture setup, and tool design. This is an introductory course into machining.

**MANT 145 Introduction to NC and CNC Mill 3 Cr Hrs**  
This course will cover the introduction to numerical controls for x, y, and z-axis applications. Programming will start from basic functions and include hole operation, linear profiles, circular profiles, cutter diameter compensation, and programming with subprograms. Students will apply knowledge from class and textbooks to skillfully setup and machine parts on CNC Mill.

**MANT 146 Introduction to NC and CNC Lathe 3 Cr Hrs**  
This course covers introduction to and training on the fundamentals of NC code programming and operation of CNC lathes found in a typical manufacturing facility. Programming will start from basic functions and include linear profiles, radius profiles, single point tapping and tool nose radius compensation. Student will apply knowledge from class and textbooks to skillfully setup and machine parts on CNC lathe equipment.

**MANT 156 CAD/CAM Applications 4 Cr Hrs**  
This course provides an introduction to the integration aided drafting and design systems with computer automated manufacturing systems. Students will be introduced and gain an understanding of MasterCAM including post-processing and machine interfaces. Students will also have an introduction to 3D solid modeling. Prerequisite: MANT 105, ENGI 105, CISA 101 or permission of instructor.

**MANT 165 Lean Manufacturing 3 Cr Hrs**  
In this course Students will learn about lean manufacturing from concepts to practice and implementation. Some topics to cover include setup reduction, Value Stream mapping, 5S, and an introduction to Six Sigma. Students will discover Lean Manufacturing through lectures, readings, and projects.

**MANT 172 Industrial Electronics 4 Cr Hrs**  
This course covers training in the fundamentals of electrical and electronic theory and operating principles and their application to a typical manufacturing and food or beverage processing facility. The student will learn about and interact with devices, circuits, and systems

used in automated manufacturing or process control. The course will include basics of AC/DC electrical controls along with power systems including 3 phase and motor control.

**MANT 199 Special Topics 1-5 Cr Hrs**

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**MANT 205 Advanced CAD Engineering Design 3 Cr Hrs**

This course is designed to develop advanced skills in engineering design using computer aided drawing software. The course will explore how local businesses use design software and teach advanced techniques in design software. Prerequisites: MANT 105 or Instructor Permission.

**MANT 242 PLC Systems 2 3 Cr Hrs**

This course is an advanced course in automation and robotics. Students will learn to integrate elements of manufacturing production including design, industrial systems, instrumentation, power, conveyance, programmable logic controllers, and elements of robotics. This course will mainly be project oriented. Prerequisite: MANT/FPTC 142 or instructor permission.

**MANT 244 Advanced Machining 4 Cr Hrs**

In this course individualized laboratory practice will integrate the textbook, reference manuals and technical tools placing emphasis on the production of moderately complex products using production machines, setups, jigs and fixtures. Prerequisite: MANT 144 or instructor's permission.

**MANT 250 Machine Maintenance 3 Cr Hrs**

This course is designed to apply physical concepts to machine maintenance and repair for any and all equipment found in industry. The concepts covered include fluids, power, hydraulics, pneumatics, mechanical systems, electronics, and various industrial systems. This will be a hands-on approach to understanding equipment repair and maintenance.

**MANT 255 Plastics and Molding Systems 3 Cr Hrs**

Students will learn elements of various processes relating to the use of polymers and plastics including injection molding, blow molding, and extrusion. Topics include materials, processes, equipment, instrumentation and elements of the plastics industry.

**MANT 256 Advanced CAD/CAM Applications 3 Cr Hrs**

This course expands on knowledge gained in CAD/CAM Applications. Students will use new techniques and skills to create advanced parts and projects in the Lab. Topics will include surfaces, jigs and fixtures, feeds and speeds, and CNC optimization. CNC mills and lathes as well as software such as MasterCAM and Solidworks will be utilized. Prerequisite: MANT155 or Instructor's permission.

**MANT 278 Diagnostics and Troubleshooting 4 Cr Hrs**

Students will understand the concepts of troubleshooting and its importance in industry. Techniques for troubleshooting electrical and mechanical systems including sensors, PLC's, Robotics, HMIs, and other common automation equipment and mechanical issues will be discussed and experienced. Students will learn a systematic approach to determine faults and problems associated with systems. Students will use prior coursework and skills to solve real world problems.

**MANT 280 Manufacturing Projects 1-8 Cr Hrs**

In this course students will continue to become proficient in the manufacturing areas of advanced lab projects including machining, automation, repair and design. This course is repeatable to a maximum of 8 credits.

**MANT 285 Cooperative Education 1-8 Cr Hrs**

Cooperative Education allows the student to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests and skill levels and the environment of the site for learning. Written learning objectives agreed upon by the student, the department, and the employer will be the basis for evaluating, grading, and granting of credit hours. This course is repeatable to a max of 8 credits.

**MANT 290 Comprehensive Manufacturing Project 4 Cr Hrs**

Students will plan and propose a manufacturing project that integrates all elements of the curriculum. Proposals will be provided to the instructor for approval and the student will carry out the project individually or in a team setting.

## WELDING TECHNOLOGY

**WELD 107 Applied Leadership & Safety 1 Cr Hrs**

Students will learn the safety skills needed in a welding environment to include OSHA General Industry Safety certification. Students will perform these skills by serving as a shop foreperson for a minimum of one week. Students will also be introduced to the demands and professional expectations of the welding profession. Students will fill out work orders on equipment using proper service manual, utilize a time clock and follow a task list for the welding program. Students will work as a team on assigned projects with other students, following safety and CSI policies as outlined. Students will be tested and qualified to meet the requirements of AWS Sense QC10, Specification of the Qualification and Certification for Entry Level Welders. Prerequisite: Instructor permission and Program Application.

**WELD 132 Thermal Cutting Processes 2 Cr Hrs**

Students will be introduced to the theory and techniques needed to set up and use OFW (oxy fuel welding) equipment safely. Students will demonstrate welds with and without filler metal. Instruction in OFB (oxy fuel brazing) for the common welding joints in the flat position will also be introduced. Students will learn the theory and techniques to use an OFC (oxy fuel cutting) torch, PAC (plasma arc cutting), CAC-A (air carbon arc cutting) and track torch for cutting various thickness of metal. Students will receive instruction on the principles of metallurgy associated with oxyacetylene welding and cutting processes. Students will be tested and qualified to the requirements of AWS SENSE QC10, Specification for the Qualification and Certification for Entry Level Welders. Prerequisite: Instructor permission and Program Application.

**WELD 149 Basic Blueprint Reading 2 Cr Hrs**

Students will be introduced to AWS standard welding symbols and the skills needed to interpret and create welding blueprints. Basic math skills to include the calculation of areas, angles, fractions, elevations, and dimensions will be covered. Students will demonstrate their knowledge by creating basic blueprints using welding symbols, lines, views and dimensions, and constructing welded items to specific blueprint specifications. This course serves as an introductory course to Blueprint Reading. Students will be tested and qualified to meet the requirements of AWS SENSE QC10, Specification for the Qualification and Certification for Entry Level Welders. Prerequisite: Instructor permission and Program Application.

**WELD 150 Intermediate Blueprint Reading 2 Cr Hrs**

Instruction will be continued on AWS standard welding symbols and the skills needed to interpret and create welding blueprints. Basic math skills to include the calculation of areas, angles, fractions, elevations, and dimensions will be continued. Students will demonstrate their knowledge by creating blueprints and constructing welded projects to specifications. This course will cover the reading of pipe blueprints and symbols. Students will be tested and qualified to the requirements of AWS SENSE QC10, Specification for the Qualification and Certification for Entry Level Welders. Prerequisite: WELD 149.

**WELD 154 SMAW 1 (Arc Welding) 2 Cr Hrs**  
 This course serves as an introductory course to SMAW (Shield and Metal Arc Welding). Students will learn the theory and techniques needed to properly set up and use SMAW equipment safely. Students will weld with various mild steel electrodes on joints commonly found in the welding industry and on various plate materials. Students will receive instruction on the principles of metallurgy associated with the SMAW processes. Students will be tested and qualified to the requirements of AWS SENSE QC10, Specification for the Qualification and Certification for Entry Level Welders. Prerequisites: Instructor Permission and Program Application.

**WELD 155 SMAW 2 (Arc Welding) 3 Cr Hrs**  
 This course is a continuation of SMAW 1. Students will weld with various mild steel electrodes on joints commonly found in the welding industry in the horizontal, vertical and overhead positions, on various thickness of material. Students will develop the skills needed to take the American Welding Society SENSE Exam for SMAW. Students will receive instruction on principles of metallurgy associated with the SMAW processes. Students will be tested and qualified to the requirements of AWS SENSE QC10, Specification for the Qualification and Certification for Entry Level Welders. Prerequisite: WELD 154.

**WELD 156 GMAW & FCAW 1 (MIG) 2 Cr Hrs**  
 This course serves as an introductory course to GMAW (Gas Metal Arc Welding) and FCAW (Flux Cored Arc Welding) processes. Students will learn the theory and techniques needed to properly set up and use GMAW and FCAW equipment safely. Students will weld the common joints found in the welding industry using solid and flux cored wires. Students will receive instruction in the principles of metallurgy associated with GMAW and FCAW processes. Students will be tested and qualified to the requirements of AWS SENSE QC10, Specification for the Qualification and Certification for Entry Level Welders. Prerequisites: Instructor Permission and Program Application.

**WELD 157 GMAW & FCAW 2 (MIG) 3 Cr Hrs**  
 This course is a continuation of WELD 156 GMAW & FCAW 1. Students will use solid wire and inner shield wires to weld common joints found in the welding industry, horizontal, vertical and overhead positions, on various thickness of material. Students will develop the skills needed to take the American Welding Society SENSE. Students will be instructed in principles of metallurgy associated with the GMAW & FCAW processes. Students will be tested and qualified to the requirements of AWS SENSE QC10, Specification for the Qualification and Certification for Entry Level Welders. Prerequisite: WELD 156.

**WELD 158 GTAW 1 (TIG) 2 Cr Hrs**  
 This course serves as an introductory course to GTAW. Students will learn the theory of and the techniques needed to properly set up and use GTAW equipment safely. Students will weld autogenous (fusion) welds and weld with filler metal on common joints found in the welding industry. Students will receive instruction in principles of metallurgy associated with the GTAW processes. Students will be tested and qualified to the requirements of AWS SENSE QC10, Specification for the Qualification and Certification for Entry Level Welders. Prerequisites: Instructor Permission and Program Application.

**WELD 159 GTAW 2 (TIG) 3 Cr Hrs**  
 This course is a continuation of WELD 158 GTAW 1. Welds will be completed in the horizontal, vertical and overhead positions, on steel, stainless steel, and aluminum. Students will develop the skills needed to take the American Welding Society SENSE Exam for the GTAW process. Students will be instructed in the principles of metallurgy associated with the GTAW welding processes. Students will be tested and qualified to the requirements of AWS SENSE QC10, Specification for the Qualification and Certification for Entry Level Welders. Prerequisite: WELD 158.

**WELD 199 Special Topics 1-5 Cr Hrs**  
 This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**WELD 200 Independent Studies 1-3 Cr Hrs**  
 This course is designed to allow students the ability to retake a failed or incomplete module of the required curriculum. It may also be used by program graduates to maintain welding qualifications they have previously earned or to continue within the program to perfect a welding method. This course will require prior instructor approval and a contractual agreement. Prerequisite: Instructor Permission.

**WELD 235 GMAW & FCAW Project Application 3 Cr Hrs**  
 This course is a real world application of the students' welding skills with an emphasis on the skills learned in Weld 156 GMAW & FCAW 1 and Weld 157 GMAW & FCAW 2. Advanced blueprint techniques will be required so students can develop working blueprints of an instructor approved GMAW or FCAW project. Students will complete the project relying on the welding skills learned in previous 100 level welding and cutting courses. Prerequisite: WELD 157.

**WELD 237 GTAW Project Application 3 Cr Hrs**  
 This course is a real world application of the students' welding skills with an emphasis on the skills learned in WELD 158 and 159 GTAW 1 & 2. Advanced blueprint techniques will be required so students can develop working blueprints of an instructor-approved GTAW project. Students will complete the project relying on the welding and cutting skills learned in previous 100 level welding and cutting courses. Prerequisite: WELD 159.

**WELD 238 Pipe Welding Qualification 3 Cr Hrs**  
 This course is designed to teach the student techniques necessary to weld pipe in all positions including the 6G position. This course utilizes a lecture/lab format which includes classroom discussion and lab demonstrations. Students will develop the knowledge and manipulative skills required to weld E6010 and E7018 on carbon steel pipe. Topics covered will include electrode nomenclature, equipment operation, set up and shut down procedures. Instruction includes theory of pipe welding, machine setting, and welding polarities. AWS Pipe Welding Qualification must be obtained to receive passing grade. Prerequisites: WELD 155 & WELD 267.

**WELD 239 Structural Steel Welding & Qualification 3 Cr Hrs**  
 This course is designed to teach the student techniques necessary to weld structural steel in all four positions (flat, horizontal, vertical, and overhead). This course utilizes a lecture/lab format which includes classroom discussion and lab demonstrations. Students will develop knowledge and manipulative skills in the use of E7018 electrodes and E71T-8 Flux Core Wire to pass an AWS unlimited plate certification. Topics covered will include equipment, operation, setup, and shut down procedures. Instruction includes theory of structural welding, machine setting, and welding polarities. Unlimited All Position Plate welding qualification must be obtained in one method to obtain a "C" or both methods to receive an "A". Pre requisite: instructor permission.

**WELD 240 Stainless Steel & Sanitary Welding 3 Cr Hrs**  
 This course is designed to teach the student techniques necessary to weld stainless steel in all four positions (flat, horizontal, vertical, and overhead). This course utilizes a lecture/lab format which includes classroom discussion and lab demonstrations. Students will develop knowledge and manipulative skills in the use of GTAW needed to pass an AWS plate certification and sanitary pipe certification. Topics covered will include equipment, operation, setup, and shut down procedures. Instruction includes theory of GTAW, machine setting, and welding



polarities. All Position Plate of G sanitary pipe certification must be obtained for a "C" or both methods to receive an "A". Prerequisite: Instructor permission.

**WELD 266 GMAW & FCAW Qualification & Fabrication 6 Cr Hrs**

This course is designed to provide students the chance to perfect their GMAW & FCAW skills to successfully complete the AWS Welding Qualification tests. This course will also offer an opportunity for project construction that teaches students how to apply the GMAW & FCAW skills and theory learned from previous courses in the construction of a comprehensive project. Students will utilize the blueprint skills needed to develop an original design and GMAW and FCAW skills for project completion. Students will continue training in metallurgy, metal identification, and AWS Codes and Standards. Prerequisites: WELD 150 & WELD 157.

**WELD 267 SMAW Qualification and Fabrication 6 Cr Hrs**

This course is designed to provide students the chance to perfect their SMAW skills to successfully complete the AWS Welding Qualification tests. This course will also offer an opportunity for project construction using the SMAW skills and theory learned from previous courses. Students will utilize their blueprint skills to develop an original design using the SMAW processes. Prerequisites: WELD 150 & WELD 155.

**WELD 268 GTAW Qualification and Fabrication 6 Cr Hrs**

This course is designed to provide students the chance to perfect their GTAW skills to successfully complete an AWS Welding Qualification test. This course will also offer an opportunity for project construction using the GTAW skills and theory learned from previous courses in the construction of a comprehensive project. Students will utilize blueprint skills to develop an original design using GTAW skills for project completion. Students will continue training in metallurgy, metal identification, and AWS Codes and Standards. Prerequisites: WELD 150 & WELD 159.

**WELD 280 Project Applications 2-6 Cr Hrs**

Project construction teaches students how to apply the SMAW, GMAW, and GTAW welding skills and theory learned from previous courses in the construction of comprehensive project. Student will utilize the blueprint skills needed to develop the original design of the project and welding construction skills for project completion. Prerequisite: Instructor permission.

**WELD 285 Cooperative Education 1-8 Cr Hrs**

Cooperative education allows the student to apply learning to real-life career possibilities. Students will be matched to job sites based on career interests, skill levels, and the environment of the site for learning. Written learning objectives agreed upon by the student, the department, and the employer will be the bases for evaluating, grading, and granting of credit hours. Prerequisite: successful interview with the placement committee.



# OTHER DEPARTMENTS



## PROGRAMS OF STUDY

### FIRE SERVICE TECHNOLOGY

**Contact:** Dr. John Miller, (208) 732-6280  
jmill@csi.edu

Leading to an associate of applied science degree, the Fire Service Technology program is designed to upgrade the skills and knowledge of volunteer and paid firefighters in all phases of fire fighting. The intent of this program is to provide firefighters with the latest technology needed to save lives and protect property in a safe and efficient manner. Participants must be members of paid or volunteer fire departments because specific activities in these courses require access to facilities and equipment located at fire departments. Courses are delivered through local fire departments, on demand, when sufficient enrollment is secured.

### Associate of Applied Science Major Code: 4590A

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
ELEC GE	Any additional Gen. Ed. credits	4
<b>Additional Courses</b>		
FIRS 100	Fire Service Technology	48
<b>This course is used to transcript the following courses:</b>		
	Rapid Intervention Team Training Fire	
	Fighter Safety and Survival	
	Fire Fighter I	
	Fire Fighter II	
	Technical Rescue—Operations elective	
	Flashover Survival Training	
	Hazardous Materials Awareness	
	Hazardous Materials Operation	
	Wildland Basic Fire Fighter II	
	Wildland Interface	
	First Responder EMT	
	Arson Detection for First Responders	
	Building Construction Combustible	
	Building Construction Noncombustible	
	Incident Command System	
	Driver Operator/Pump Operations	
	Fire Officer I	
	Instructor I	
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

# COURSE DESCRIPTIONS

## FIRE SERVICE TECHNOLOGY

### **FIRS 100 Fire Service Technology 48 Cr Hrs**

This course will transcript the non-credit Idaho State Fire Fighters certification courses to 48 credits so they can be utilized as the technical skills course for the Fire Service Technology A.A.S. degree. These courses are delivered through fire departments statewide. Lecture: 597 hours Lab: 226 hours

## ACTIVE AGING

### **HACT 121 Yoga for Seniors 0 Cr Hrs**

This course is designed for seniors who are interested in exploring classical yoga postures as well as the history and philosophy of yoga. Each class includes stretching, strengthening, and relaxation techniques. This class is designed for students age 60 and over. Fee Required.

### **HACT 126 Weight Training for Seniors 0 Cr Hrs**

This beginning strength and conditioning course is targeted towards increasing functional strength, balance and flexibility in seniors. Students will learn proper form and how to safely participate and effectively manage a personal strength program. Fee required.

### **HACT 139 Zumba Gold 0 Cr Hrs**

Zumba Gold® modifies the moves and pacing of Zumba® to meet the needs of the active older participant and those who desire a beginning-level dance-fitness class. This course may be repeated once. Fee required.

### **HACT 156 Over 60 & Getting Fit 0 Cr Hrs**

Over 60 and Getting Fit is a course designed to address the fitness needs of the mature adult; cardiovascular activities, walking and/or other low-intensity aerobic movement, flexibility, and strength training, using resistance bands. Participants are encouraged to do only those activities appropriate for their individual needs. A medical release is required to participate.

### **HACT 157 Spinning for Seniors 0 Cr Hrs**

Spinning for Seniors is a low-impact, aerobic exercise indoor group cycling course designed for active seniors. Fee required.

### **HACT 158 Pilates for Seniors 0 Cr Hrs**

Pilates for Seniors incorporates a series of movement exercises to achieve a balanced and improved postural alignment. Workouts include stretching, toning, strengthening and breathing/relaxation activities. Fee required.

## ADULT BASIC EDUCATION

### **ADUE 001 Adult Basic Education Level 1 0 Cr Hrs**

Students at this level learn or refresh foundational skills in reading, writing, and math. Students are able to move through this level as quickly as their skill development allows. Educational growth is reassessed after eight weeks of instruction. Prerequisite: TABE Placement Scores.

### **ADUE 002 Adult Basic Education Level 2 0 Cr Hrs**

Students at this level will be able to effectively communicate ideas in writing and read non-fictional text with understanding of the relative importance of ideas. Particular focus in math is on fractions, decimals, percents, and integers. Educational growth is reassessed after eight weeks of instruction. Prerequisite: TABE Placement Scores

### **ADUE 003 Adult Basic Education Level 3 0 Cr Hrs**

At this level, students are preparing for career and college readiness by using higher-order thinking skills. The students will be prepared for college-level work in the areas of reading, writing, and math. They will be able to effectively read college textbooks and write essays that reflect the skills of synthesis and analysis. Math will focus on algebra and geometry. Educational growth is reassessed after eight weeks

of instruction. Before completing this level, students will take the COMPASS exam to assess postsecondary readiness. Prerequisite: TABE Placement Scores.

### **ADUE 005 Adult Basic Education Computer Basics 0 Cr Hrs**

This course will provide ABE/ESL students the opportunity to practice English-language skills on the computer. Some basic computer instruction will be offered in preparation for navigating language programs. Prerequisite: Student must be concurrently enrolled in ABE/ESL classes.

### **ADUE 021 ABE-English Second Language 1 0 Cr Hrs**

Students at this level will gain a basic understanding of print material so that they can read and write well enough to participate in various civic activities, fill out forms, and understand environmental informational. Basic spoken English is incorporated. Prerequisite: CASAS Placement Scores.

### **ADUE 022 ABE-English Second Language 2 0 Cr Hrs**

Students at this level will improve basic reading, writing, listening and speaking skills acquired in level 1. They will be able to read and interpret simple directions, signs, and maps. They will be able to fill out authentic forms, read authentic, but simple material on familiar subjects and write notes, messages and simple paragraphs. Students will understand basic concepts of U.S. history and government. They will be able to communicate beyond basic survival needs and initiate simple conversations about familiar topics. They will increase their ability to integrate comfortably into community and civic activities and responsibilities. Prerequisite: CASAS Placement Scores

### **ADUE 023 ABE-English Second Language 3 0 Cr Hrs**

Students at this level of ESL will be able to read and interpret abstract materials, write more complex paragraphs using increasingly advanced grammar and will comprehend and be able to speak about abstract concepts in familiar contexts. They will have a deeper understanding of U.S. government, history, civics and of the steps necessary to become active and informed citizens. Prerequisite: CASAS Placement Scores

## COMPUTER

### **COMP 100 Introduction to Computers 1 Cr Hrs**

Students will be introduced to the basics of using a computer including an overview of hardware; Windows word processing, spreadsheets, and the Internet

### **COMP 109 Basic Keyboarding 1 Cr Hrs**

This course is offered for non majors who desire to learn the touch method of keyboarding. Students must type 20 correct words a minute on a one minute timed test to pass.

### **COMP 115 Introduction to Spreadsheets 1 Cr Hrs**

This course will provide hands-on training in practical applications using spreadsheet software. Students will create, save, and print spreadsheets using simple formulas and formatting commands. Prerequisite: Basic Keyboarding skills.

### **COMP 130 Introduction to Windows 1 Cr Hrs**

This course will provide instruction in the use of typical windowing operating systems and environments and includes examination and detail of graphical user interfaces and general fundamentals of computer system usage.

### **COMP 135 Intro to Presentation Software 1 Cr Hrs**

This course provides instruction in developing computer presentations. Students will learn to use the software to incorporate color, animation, and sound in an on screen presentation. Prerequisite: Basic Keyboarding skills.

### **COMP 141 Introduction to Word Processing 1 Cr Hrs**

This course will provide hands-on training in practical applications using word processing software. Students will learn to create, edit, save, and print simple word processing documents. Prerequisite: Basic Keyboarding skills.



**COMP 199 Special Topics 1-5 Cr Hrs**  
 This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

## ENGLISH AS A SECOND LANGUAGE

**ENGS 025 ESL Vocabulary Development 2 Cr Hrs**  
 This course is designed to give ESL students the opportunity to round out their vocabulary in preparation for academic study. This is done with a combination of a topical approach to vocabulary and a process of personal discovery of vocabulary needs. Limited to ESL students.

**ENGS 026 ESL Grammar 1 3 Cr Hrs**  
 This is the first course in the ESL grammar sequence. The intent of this course is to review English grammar at a level appropriate for students with TOEFL (or equivalent) scores of 450-475. Content reviewed includes a review of grammatical terminology, basic word order, irregular verbs, auxiliary verbs, present tenses, other verb tenses, modal and related auxiliaries, the passive voice, and nouns and noun modifiers. Participation in language lab required. Limited to ESL students.

**ENGS 027 ESL Grammar 2 3 Cr Hrs**  
 This is the second course in the ESL grammar sequence. The intent of this course is to review English grammar at a level appropriate for students with TOEFL (or equivalent) scores of 133-173. Course content includes a review of compound sentence structures; complex sentence structures based on noun clauses, adjective clauses, and adverb clauses; use of gerunds and infinitives; and expressions of cause-effect, contrast, and condition. Participation in language lab required. Limited to ESL students.

**ENGS 028 ESL Grammar 3 3 Cr Hrs**  
 This is the third course in the ESL grammar sequence. The intent of this course is to review English grammar at a level appropriate for students with TOEFL (or equivalent) scores of 173 and higher. Course content includes a review of compound sentence structures; complex sentence structures based on noun clauses, adjective clauses, and adverb clauses; use of gerunds and infinitives; and expressions of cause-effect, contrast, and condition, as well as an introduction to the editing process. Participation in language lab required. Limited to ESL students.

**ENGS 029 ESL Speaking & Listening 2 Cr Hrs**  
 This is the first of two listening/speaking courses in the College-Level ESL program. The intent of this course is to practice correct pronunciation of English sounds and practice basic listening skills. Participation in language lab required. Limited to ESL students.

**ENGS 030 ESL Reading & Writing 1 3 Cr Hrs**  
 The first intent of this course is to begin to develop ESL students' reading skills using materials adapted for ESL students' needs. Skills practiced in this course include reading to perceive general overall meaning, using context clues, skimming and scanning, identifying topic sentences, and identifying main ideas. The second intent is to develop students' writing skills with emphasis on proper phrase and sentence structure and paragraph development. Limited to ESL students.

**ENGS 103 ESL Reading & Writing 2 3 Cr Hrs**  
 The first intent of this course is to extend ESL students' basic reading skills using increasingly sophisticated materials. Skills practiced in this course include inference, critical analysis, and evaluation. The second intent is to further develop students' writing skills with emphasis on paragraph and essay development. Limited to ESL students.

**ENGS 104 ESL Reading & Writing 3 3 Cr Hrs**  
 The first intent of this course is to give students the opportunity to develop their reading skills with authentic reading materials in preparation for academic study. The second intent is to further develop

students' writing skills with emphasis on expository academic writing of the type they will have to produce in mainstream college courses. Limited to ESL students.

**ENGS 105 ESL Listen & Speak for College 2 Cr Hrs**  
 This course focuses on practicing correct pronunciation of English sounds, rhythm, and intonation as well as developing academic listening and presentation skills. Participation in language lab program is required. Limited to ESL students.

## HONORS

**HONS 101 Honors Reading 1 Cr Hrs**  
 Honors Reading 101 is a broad-based survey of interdisciplinary readings from a variety of world cultures, both western and eastern, and time periods ranging from ancient to present. Students learn about the interconnectedness of knowledge through analysis and discussion of readings, their cultural and historical context, their significance and influence, and their relevance to contemporary culture. Prerequisite: Acceptance in the CSI Honors Program or instructor permission.

**HONS 102 Honors Reading 1 Cr Hrs**  
 This is a continuation of HONS 101.

**HONS 198 Honors Seminar 2 Cr Hrs**  
 Honors Seminar 198 is an interdisciplinary, theme-based course that is coordinated with the Eagle View Lecture Series, an annual lecture series offered during the Fall semester. The theme for this annual event is selected by Honors Students, Honors Faculty, the Honors Advisory Committee and the Eagle View Lecture Series Committee. Students will participate in various lectures, attend seminars, speaker presentations and other related events. Prerequisite: Acceptance in the Honors Program or instructor permission.

**HONS 199 Special Topics 1-5 Cr Hrs**  
 This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

**HONS 200 Honors Independent Study 1-3 Cr Hrs**  
 Honors independent study credit hours are designed for special workshops, courses, and /or projects. This is a semester-long project for advanced technical and /or academic students. Each credit hour is equivalent to three hours of work per week on a project. Students should make arrangements with an instructor in their area of interest and the Honors Program Director. The goals of this study are: 1- To provide an independent learning environment where students can explore a topic of interest in a directed academic environment. 2- Allow students to pursue content areas that may not be offered as regular curricular offerings. Prerequisite: Acceptance in the Honors Program or Instructor permission.

**HONS 201 Honors Reading 1 Cr Hrs**  
 Honors Reading 201 is a broad-based survey of interdisciplinary readings from a variety of world cultures, both western and eastern, and time periods ranging from ancient to present. Students learn about the interconnectedness of knowledge through analysis and discussion of readings, their cultural and historical contexts, their significance and influence, and their relevance to contemporary culture. Prerequisite: Acceptance in the Honors Program or instructor permission.

**HONS 202 Honors Reading 1 Cr Hrs**  
 This is a continuation of HONS 201.

**HONS 298 Honors Seminar 2 Cr Hrs**  
 Honors Seminar 298 is an interdisciplinary, theme-based course that is coordinated with the Eagle View Lecture Series, an annual lecture series offered during the Fall Semester. The theme for this annual event is selected by Honors Students, Honors Faculty, the Honors Advisory

Committee and the Eagle View Lecture Series committee. Students will participate in various lectures; attend seminars, speaker presentations and other related events. Prerequisite: Acceptance in the Honors Program or Instructor permission.

## INSTRUCTIONAL SUPPORT

### INSS P101 **Becoming a Master Student** 1 Cr Hrs

This course is a tool kit for success in college and life. The first six weeks will provide you with efficient study techniques for dealing with time, memory, reading, note-taking, and tests. You will also learn how, when, and where you learn best. To help you attain maximum success in school, business, and social life, this course will cover topics such as: creativity, relationships, health, money, resources, and career planning.

### INSS P288 **Portfolio Development** 1 Cr Hrs

The first two major outcomes of INSS P288 is the development of career and lifelong learning plan. Students will devote significant time and effort in understanding their learning styles and their immediate education level. An analysis of personal and career learning experiences, will serve as the basis for the development of life long career and learning goals and a plan to accomplish these goals. The second major focus of this course is to provide the student a standard procedure to use in order to document prior learning gained through experience, training, and/or previous education. Students will then submit documentation to a committee for validation and approval of credit for prior learning.

## INTENSIVE ENGLISH

### INTE 001 **Beginning Grammar** 0 Cr Hrs

An introduction to English grammar for learners of English. Students will study and practice appropriate use of the present tense, singular and plural form of nouns, subject pronouns, and other basic elements of English grammar in simple sentences.

### INTE 002 **Beginning Reading** 0 Cr Hrs

An introduction to reading in English for learners of English. Students will study and practice skills and strategies to enable them to read short passages in simple English which has been significantly adapted to make it accessible to learners of English.

### INTE 003 **Beginning Writing** 0 Cr Hrs

An introduction to writing in English for learners of English. Students will study and practice skills and strategies to enable them to compose simple English sentences incorporating grammar and vocabulary appropriate to this level.

### INTE 004 **Beginning Pronunciation** 0 Cr Hrs

An introduction to English pronunciation for learners of English. Students will study and practice correct pronunciation of English vowel and consonant sounds.

### INTE 005 **Beginning Conversation/Vocabulary** 0 Cr Hrs

An introduction to conversation and vocabulary for learners of English. Students will participate in guided conversation practice and will study and practice basic English vocabulary.

### INTE 051 **Intermediate Grammar** 0 Cr Hrs

Continued study and practice of English for learners of English. Students will study and practice simple, continuous, and perfect verb tenses; correct word order in statements, questions, and imperatives; and appropriate use of modal verbs, gerunds, and infinitives. They will begin to study and practice subordinating constructions.

### INTE 052 **Intermediate Reading** 0 Cr Hrs

Continued study and practice of reading in English for learners of English. Students will study and practice skills and strategies to enable them to read extended passages in simple authentic English and English which has been minimally adapted for learners.

### INTE 053 **Intermediate Writing** 0 Cr Hrs

Continued study and practice of writing in English for learners of English. Students will study and practice skills and strategies to enable them to produce short passages of connected prose composed of correctly constructed sentences.

### INTE 054 **Intermediate Pronunciation** 0 Cr Hrs

Continued study and practice of English pronunciation for learners of English. Students will review and practice correct pronunciation of vowel and consonant sounds, as well as basic intonation patterns of spoken American English.

### INTE 055 **Intermediate Conversation/Vocabulary** 0 Cr Hrs

Continued practice of conversation and vocabulary for learners of English. Students will participate in free-form conversations on assigned topics and will study and practice vocabulary necessary to participate in class conversations and to read selections assigned to INTE 052.

## READING

### READ 090 **Reading Development** 3 Cr Hrs

This course is designed to enhance basic reading skills in order to accommodate college-level reading assignments. Particular attention is given to finding stated and implied main ideas as well as advancing critical reading skills. Students are not advised to take the next reading course in the sequence if course grade or outcomes assessment indicates a below-average achievement. Prerequisite: READ 015 or equivalent placement test score.

### READ 199 **Special Topics** 1-5 Cr Hrs

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.

## STUDY SKILLS

### STUS 015 **Basic Study Methods** 1 Cr Hrs

A study methods course for students who have limited basic skills. Discussions deal time and personal management, textbook study, listening, memory and note taking, examination skills, and library usage. Designed for students with low reading skills.

### STUS 101 **College Study Methods** 2 Cr Hrs

This course is designed to develop the study methods of college students. Emphasis is placed on learning organized study techniques, examination skills, note-taking procedures, and comprehension of reading material. Also, students will learn basic research and computer skills.

### STUS 199 **Special Topics** 1-5 Cr Hrs

This course number is designed to permit the offering of special topics appropriate to a program within a department. Such offerings fill the need of a workshop/seminar (199A), pilot course (199B), or professional development (199C) course. Regular or frequently recurring topics are not offered under this title. The course may be repeated as new topics are presented.



# DEPARTMENTS, FACULTY & STAFF

## DEPARTMENTS

### AGRICULTURE

#### DEPARTMENT CHAIR

Jim Wilson

#### INSTRUCTIONAL PERSONNEL:

Kyle Brown

Jeffrey Cooper

Ben Hamlett

Kip Morris

Dr. Barry Pate

Janna Verburg-Hamlett

Jim Wilson

Chani Christensen

Erin Gutknecht

Jim Knight

Chance Munns

Dr. Jody Rockett

#### PROGRAMS:

Agri-Business

Animal Science

Aquaculture

Environmental Technology

Equine Studies

Food Processing Technology

Horse Management

Horticulture

Livestock Technician

Veterinary Technology

Water Resource Management

Wind Technology

#### PROGRAMS:

Biology

Biology-Health Care

Biology-Natural Resources

### BUSINESS AND ECONOMICS

#### DEPARTMENT CHAIR:

Crystal Ayers

#### INSTRUCTIONAL PERSONNEL:

Crystal Ayers

Candace Boesiger

Cynthia Harmon

Julie Heithecker

Mike Johnson

Robin Bagent

Pandora Handley

Dennis Heiner

Dianne Jolovich

Mike Slagel

#### PROGRAMS:

Accounting/Bookkeeping

Baking and Pastry

Business Management/Entrepreneurship

Business, General

Culinary Arts

Economics

Hospitality Management

### EDUCATION

#### DEPARTMENT CHAIR:

John Hughes

#### INSTRUCTIONAL PERSONNEL:

Dr. LueLinda Egbert

Dr. Tracey Meyerhoeffer

Dr. Evin Fox

Ellen Neff

#### PROGRAMS:

Early Childhood Education

Ed Assistant, Generalist

Education, Elem-Bilingual

Education, Elementary

Education, Secondary

Education, Special

### BIOLOGY

#### DEPARTMENT CHAIR:

Jayson Lloyd

#### INSTRUCTIONAL PERSONNEL:

Dr. Don Campanella

Dr. Alex Doetsch

Bill Ebener

Sarah Harris

Jody Hawkins

Kim Morgan

Dr. Randy Smith

Kathy Clark

Dr. Amy Rice Doetsch

Carrie Espasandin

Heidi Hawkins

Jayson Lloyd

Dr. Jan Simpkin

## ENGLISH, LANGUAGES & PHILOSOPHY

### DEPARTMENT CHAIR:

Whitney Smith

### INSTRUCTIONAL PERSONNEL:

Raquel Arenz	Ken Bingham
Priscilla Bingham	Marci Boyle
Shane Brown	Jan Carpenter
Adam Crofts	Dr. Clark Draney
Judy Hansen	James Irons
R. Brent Jensen	Kimberly Jones
Brenda Larsen	Kory Lloyd
Kimberly Madsen	Debra Matier
Robert Mayer	Shelley McEuen
Dr. Jette Morache	Dr Margaret Peck
Kimberly Prestwich	Dawnette Reis-Rodriguez
Whitney D Smith	David West

### PROGRAMS:

English  
Language, American Sign  
Spanish

## HEALTH SCIENCES & HUMAN SERVICES

### DEPARTMENT CHAIR:

Dr. RoseAnna Holliday- PTE Programs  
Valerie Warner- RN, Academic Program

### INSTRUCTIONAL PERSONNEL:

Alice Atwood	Isaac Baker
Anita Bartels	Georgana Barton
Trevor Bennett	Gay Bondelid
Susan Boone	Tonja Bowcut
June Bowman	John Brannen
Vicki Brannen	Hannah Clark
Matt Crane	Michelle Critchfield
Christine Deal	Kathy Fagerland
Mary Feis-Christy	Hannah Clark
Tiffany Clark	Bill Ebener
Melissa Emereick	Corine Faught
Dr. Michael Florence	Jamie Goffin
Stephanie Gorringer	Matthew Grayson
Ryan Gurney	Riali Hanni
Cynthia Harding	Paula Hart
Sheri Hawley	Robyn HoChee
Tamara Janak	Suzanne Jones
Nina Karel	Tina Koch
Donna Krapf	Gena Laird
Blaine Larsen	Rae Jean Larsen
Dr. Gary Lauer	Dr. Jack Links
Kara Mahannah	Janet Milligan
Leslie Moore	Ryan Mumford
Susan Narashimhan	Dr. Joel Newton
Carrie Nutsch	Jacob Osen
Kyle Packard	Tammy Pehrson
Kalise Price	Heather Reardon
Mary Reis	Tracy Rue
Rita Ruhter	Jeannette Sawyer
Anna Scholes	Leslie Schutte
Dr. Cindy Seaman	Dan Shawver
Gary Showers	Scott Snell
Nicole Sorensen	Vicki Stearns
Jason Sumsion	Sandra Uhl
Valerie Warner	Michelle Watkins
Megan Williams	Betty Zimmerman

### PROGRAMS:

Addiction Studies  
Certified Nursing Assistant  
Dental Assistant  
Dental Hygiene  
Emergency Medical Technology  
Health Workforce Training  
Medical Assistant  
Nursing, Practical  
Nursing, Registered  
Paramedic  
Physical Therapist Assistant  
Radiologic Technology  
Surgical/Central Sterile Processing Technician  
Surgical First Assistant  
Surgical Technology

## HEALTH, RECREATION AND FITNESS

### DEPARTMENT CHAIR:

James Dawson

### INSTRUCTIONAL PERSONNEL:

Travis Bunker	Jonathon Lord
Scott Rogers	Jaime Tigre
Shelly Wright	

### PROGRAMS:

Athletic Training  
Exercise Science  
Health Promotion  
K-12 Physical Education  
Outdoor Recreation  
Sport Management

## HONORS

### DIRECTOR:

Brian Dobbs

### PROGRAMS:

An enhancement to the student's chosen major

## INFORMATION TECHNOLOGY

### DEPARTMENT CHAIR:

Lori Garnand

### INSTRUCTIONAL PERSONNEL:

Lori Garnand	Brian Gergens
Laura L Heatwole	Daryl Hunt
RD Van Noy	Kirk Ruby
Teresa Sept	

### PROGRAMS:

Administrative Assistant  
Computer Support Technician  
Digital Media  
IT Development and Security  
Network Systems Technician

## LIBRARY AND INFORMATION SCIENCE

### DEPARTMENT CHAIR:

Dr. Teri Fattig

### INSTRUCTIONAL PERSONNEL:

Dr. Teri Fattig	Stephen Poppino
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### PROGRAMS:

Library and Information Science

## MATH, ENGINEERING AND COMPUTER SCIENCE

### DEPARTMENT CHAIR:

Paul Morgan

### INSTRUCTIONAL PERSONNEL:

Randy Berriochoa	Dr Ron Cresswell
Andrew Cluff	Cindy Dickson
Anatoliy Honcharenko	Lynn Irons
Steve Irons	Kevin Jones
Constance E. Meade	Paul Morgan
Theresa Pham	Nolan Rice
Russell Sadler	Christalyn (Chrissy) Waitley
Christie Waters	

### PROGRAMS:

Computer Science  
Engineering, Agriculture  
Engineering, Chemical  
Engineering, Civil  
Engineering, Computer  
Engineering, Electrical  
Engineering, Mechanical  
Mathematics

## PHYSICAL SCIENCE

### DEPARTMENT CHAIR:

Mark Daily

### INSTRUCTIONAL PERSONNEL:

Dr. Heidi A Campbell	Mark Daily
Dr. Rosa M Davila	Dr. Joseph Gardner
Megan Jacobson	Dr. James G Tarter
Shawn Willsey	

### PROGRAMS:

Chemistry  
Geology  
(Pre)Pharmacy  
Physics

## PROFESSIONAL STUDIES

### DIRECTOR:

Dr. John Miller

### PROGRAMS:

Apprenticeship, Carpentry  
Apprenticeship, Electrical  
Apprenticeship, Plumbing  
Apprenticeship, Sheet Metal  
Dual Credit (High School)  
Fire Service Technology  
Technical Competency Credit (High School)

## SOCIAL SCIENCE

### DEPARTMENT CHAIR:

Brian Dobbs

### INSTRUCTIONAL PERSONNEL:

Brian Dobbs	Perri Gardmer
Beth Hewes	Kerry Koontz
Chris Meyerhoeffer	Matt Reynolds
Brendan Rowlands	Tiffany Seeley-Case
Dr. Randy Simonson	Shilo Smith
Gina Sneddon	Laine Steel
Dr. Russ Tremayne	Mark Wasden
Jim Woods	

### PROGRAMS:

Anthropology  
Communication  
Criminal Justice  
Geography  
History  
Law Enforcement  
Political Science  
Psychology  
Social Work  
Sociology

## TRADE & INDUSTRY

### DEPARTMENT CHAIR:

David Wyett

### INSTRUCTIONAL PERSONNEL:

Henry Bauman	Gary Dewey
Pat Ferrell	Richard Frey
Ben Hamlett	Jim Kellis
Mike Lapray	Levi Perkins
Tim Pierce	David Rodriguez
Robyn Swainston	Ken Triplett
Clay Wilkie	David Wyett

### PROGRAMS:

Air Conditioning, Refrigeration & Heat  
Auto Body Technology  
Automotive Technology  
Cabinetmaking/Woodworking  
Diesel Technology  
Drafting Technology  
Industrial Mechanics  
Manufacturing Technology  
(Precision Machining and Automation)  
Welding Technology

## VISUAL, PERFORMING AND LIBERAL ARTS

### DEPARTMENT CHAIR:

Vacant

### INSTRUCTIONAL PERSONNEL:

Shane Brown	Serena Jenkins Clark
Scott Farkas	Dr. George Halsell
Brent Jensen	Cindy Jones
Ben Lustig	Sue Miller
Milica Popovic	Laine Steel
Bill West	Julie Wright-Leggett
Michael Youngman	

### PROGRAMS:

Art, Visual  
Dance  
Music  
Theatre

# FACULTY AND ADMINISTRATION

## Full-Time Faculty and Administration

### A

#### **Arenz, Raquel R**

B.A. (Arizona State University); M.A. (Boise State University); English/Spanish Translation Certificate Program (Arizona State University); Professor of Bilingual Education and Spanish, 1994.

#### **Ayers, Crystal**

A.A. (Cotley College); B.S. (Idaho State University); M.Ed. (University of Idaho); Department Chair/Assistant Professor of Business, 2009.

### B

#### **Bagent, Robin**

M.B.A. (University of Maryland); B.S. (University of Maryland); Instructor of Business Management/Entrepreneurship, 2012.

#### **Bate, Joel C**

B.S. (Boise State University); M.A. (University of Idaho); Athletic Director, 1993.

#### **Bauman, Henry (Hank)**

B.S. (Utah State University); A.A.S. (Utah Technical College); State of Idaho Advanced Occupational Specialty Teaching Credential in Welding Technology; State of California Licensed Contractor in welding, Structural Steel Fabrication, and Ornamental Ironworks, Instructor of Welding, (2012).

#### **Baumert, Nick**

A.A. (College of Southern Idaho); B.A. (Idaho State University); Head Coach, Women's Softball, 2006.

#### **Berriochoa, Randall C (Randy)**

B.S. (Idaho State University); M.S. (University of Arizona); Associate Professor of Math and Computer Science, 1983.

#### **Bingham, Kenneth E (Ken)**

B.A., M.A. (California State University, Sacramento); Professor of English, 1992.

#### **Bingham, Priscilla I**

B.A., M.A. (California State University, Sacramento); Professor of English, 1991.

#### **Birnie, Steve**

B.S. M.S.S. (Eastern Oregon State University); Master US Sports Academy; Rodeo Head Coach, 2006.

#### **Boesiger, Candace**

C.P.A., A.A. (College of Southern Idaho); B.B.A. (Boise State University); Instructor of Accounting & Bookkeeping, 2013

#### **Bond, Dr. Cindy R**

A.A. (College of Southern Idaho); B.A. (Boise State University); M.Ed., Ph.D. (University of Idaho); C.P.A.; Instructional Dean, 1980.

#### **Bondelid, Gay**

A.S. (College of Southern Idaho); B.S.N., M.S.N. (Idaho State University); Instructor of Registered Nursing, 2009.

#### **Boone, Susan**

A.S. (College of Southern Idaho); B.S.N. (Idaho State University); M.S.N. (Idaho State University); Instructor of Registered Nursing, 2012

#### **Bowcut, Tonja**

A.A.S. (Eastern Idaho Technical College); A.S. (College of Southern Idaho), B.S. (University of Idaho); National Certified Dental Assistant; Professor of Dental Assisting, 1997.

#### **Boyle, Marci**

A.A.S. (Ricks College); B.S. (Utah State University); M.A. (Idaho State University); Assistant Professor of English, 2009.

#### **Bragg, Chris**

A.A. (College of Southern Idaho); B.A., M.A. (Boise State University); Professor of Communication and Accreditation Liaison Officer/Strategic Planning, 1994.

#### **Brannen, John, RN**

A.S. (College of Southern Idaho); B.S.N., M.S.N. (Idaho State University); Masters, Nursing (Idaho State University); Registered Nurse; Idaho Limited Occupational Specialist Teaching Credential; Assistant Professor of Practical Nursing, 2005.

#### **Brown, Richard Shane**

A.A. (College of Southern Idaho); B.A. (Idaho State University); Graduate Study (Southern Oregon University); Instructor of Theatre and English, 2013.

#### **Bryant, Elaine**

A.A. (College of Southern Idaho); B.S. (Nazareth College of Rochester); M.Ed. (University of Arizona); North Side Center Director, 1987.

#### **Bunker, Travis**

A.A. (College of Southern Idaho); B.S. (Montana State University, Billings); M.S. (A.T. Still University); Instructor of Health, Recreation and Fitness, 2014.

### C

#### **Campanella, Don**

B.S. (Carleton College), M.S. (University of Texas), Ph.D. (Oregon State University); Assistant Professor of Biology, 2010.

#### **Campbell, Dr. Heidi Adams**

B.S. (Utah State University); Ph.D. (University of Michigan); Professor of Chemistry, 2006.

#### **Campbell, Dr. Kenneth B (Ken)**

Ph.D. (University of California, Irvine); Associate Vice President of Institutional Effectiveness, 1991.

#### **Carpenter, Jan Sylvia**

B.S. (University of Montana/Western); M.A.L.A. (St. John's College); Professor of English, 2005.

#### **Cartisser, Heidi**

A.A. (College of Southern Idaho); B.A. (Albertson College); Head Coach, Women's Volleyball, 2006.

#### **Christopherson, Amy**

B.S. M.S. (Brigham Young University); Mini-Cassia Center Director, 2012.

#### **Clark, Kathy Ann**

B.S. (University of Wyoming); M.S. (University of Idaho); Professor of Biology, 1991.

#### **Clark, Serena Jenkins**

B.A. (Pepperdine University); M.M. (University of Idaho); Assistant Professor of Music, 2011.

#### **Cluff, Andrew C**

B.S. (University of Idaho); M.S. (University of Idaho); Instructor of Engineering, 2014.

#### **Cooper, Jeffrey S**

B.S. (Utah State University); M.S. (University of Wyoming); Instructor of Agriculture, Water Resource Management, and Environmental Technology, 2014.

#### **Cresswell, Dr. Ronald E**

B.S., M.S. (Idaho State University); Ed.D., (University of Phoenix); Professor of Mathematics, 2002.

#### **Critchfield, Michelle**

B.S.N. (Brigham Young University); Instructor of Registered Nursing, 2012.



**Crofts, Adam**

B.A., M.A. (Arizona State University); Associate Professor of Spanish and Portuguese, 2008.

**D****Daily, Mark E**

B.S. (University of Idaho); M.S. (University of New Mexico); Department Chair/Professor of Physics, 2000.

**Davila, Dr. Rosa M.**

B.S. (University of Puerto Rico); Ph.D. (Texas A&M University); Professor of Chemistry, (1995).

**Dawson, James L (Jim)**

A.A. (College of Southern Idaho); B.S. (Boise State University); M.P.E. (Idaho State University); Department Chair/Professor of Health, Recreation and Fitness, 1980.

**Deal, Christine**

B.S.N. (Montana State University); M.S.N. (Idaho State University), Professor of Nursing, 2005.

**Dickson, Cindy Marie**

B.A. (Whitworth College); M.S. (Western Washington University); Associate Professor of Mathematics, 2002.

**Dill, Randall G (Randy)**

Director of Maintenance, 1998.

**Dobbs, Brian**

A.A., A.A.S. (College of Southern Idaho); B.A. (Boise State University); M.S. (Northwest Nazarene University); Licensed Professional Counselor; National Certified Counselor; Director of Honors program and Department Chair/Instructor of Sociology, 2011.

**Doetsch, Dr. Alex S**

Ph.D. (Indiana University); Professor of Biology, 2006.

**Doetsch, Dr. Amy Helen Rice**

B.S. (University of Victoria, Canada); Ph.D. (Indiana University, Bloomington); Professor of Biology, 2004.

**Draney, Dr. Clarkson Lloyd (Clark)**

B.A., M.A. (University of Utah); D.A. (Idaho State University); Professor of English, 2004.

**E****Eaton, Curtis H**

B.A. (Stanford University); M.P.A. (Johns Hopkins University, SAIS); J.D. (University of Idaho); Special Assistant to the President, 2001.

**Ebener, William C (Bill)**

B.S., M.S. (Colorado State University); Instructor of Biology, 2006.

**Egbert, Dr. LueLinda D**

A.A. (College of Southern Idaho); B.A. (Boise State University); M.Ed. (Albertson College of Idaho); Sixth Year Specialist, Ph.D. (University of Idaho); Advanced Elementary K-8; Administrator Principal and Superintendent Pre K-12; SpEd Director Endorsement; Professor of Education, 1999.

**Ellington, James R. (Jim)**

B.S. (California State University, Long Beach); Public Safety Director, (2011).

**Erickson, Laura L**

A.A.S. (College of Southern Idaho); Assistant Professor of Information Technology, 2008.

**Espasandin, Carrie**

B.S. (University of Hawaii); M.S. (California State University, Long Beach); Instructor of Biology, 2013.

**F****Fagerland, Kathleen J**

B.A. (Jamestown College, Jamestown, ND); B.S. (Boise State University); M.S.N. (University of Utah); Registered Nurse; Assistant Professor of Registered Nursing, 2010.

**Farkas, Scott**

B.M. (State University of New York at Fredonia); M.M. (The University of Akron); Instructor of Music, 2012.

**Fattig, Dr. Teri L**

A.A. (College of Southern Idaho); B.B.A. (Boise State University); M.L.I.S. (University of North Texas); Ed.D. (University of Idaho); Library and Herrett Center Director, Department Chair of Library and Information Science Department, 1987.

**Feis-Christy, Mary**

B.A. (University of Nebraska); M.S. (Kearney State College); Advanced Certified Alcohol and Drug Counselor; Board Certified Human Services Practitioner; Idaho Standard Occupational Specialist Teaching Credential; Professor of Addiction Studies, 2005.

**Ferrell, Patrick D (Pat)**

A.A.S. (College of Southern Idaho); B.S. (University of Idaho); Professor of Drafting Technology, 1999.

**Fox, Dr. David Jeffery (Jeff)**

B.A., M.A. (California State University, Sacramento); Ph.D. (University of Idaho); Graduate Study (Harvard University Graduate School of Education MLE; Boise State University); National Writing Project Fellow; President, 1987.

**Fox, Dr. Evin L**

B.A., M.A. (California State University, Sacramento); M.Ed. (Idaho State University); Ed.S., Ph.D. (University of Idaho); Professor of Early Childhood Education, 2005.

**Frey, Richard H**

T.C. (Denver Automotive Institute); A.A.S. (College of Southern Idaho); Idaho Advanced Occupational Specialist Idaho Education Credential, Auto Body Technology; General Motors Technical Schools; A.S.E. Master Collision Repair Technician; A.S.E. Master Painting and Refinishing Technician; Journeyman Collision Repair Technician; I-Car Instructor Qualification Course; Professor of Auto Body Technology, 1990.

**G****Gardner, Joseph S**

B.S., M.S. (Idaho State University); Ph.D. (Brigham Young University); Assistant Professor of Chemistry, 2007.

**Gardner, Perri**

A.A. (Boise State University); B.A. Political Science (Boise State University); Instructor of Political Science, 2012.

**Garnand, Lori A**

A.A.S. (College of Southern Idaho); B.S. (Utah State University); M.Ed. (University of Idaho); IC3 Certification, Idaho Educational Teaching Certification Standard Occupation Specialist; Department Chair/Professor of Information Technology, 1999.

**Gergens, Brian**

B.S. (Western Governors University), Instructor of IT Development & Security, 2013.

**Gurney, Ryan**

A.S. (College of Southern Idaho), B.S.N., M.S.N.-Ed (Western Governors University), Assistant Professor of Registered Nursing, 2011.

**H****Hall, Don**

A.A. (College of Southern Idaho); B.S. (Idaho State University); Idaho Teacher Certification(s) and endorsements: Idaho Advanced Occupational Specialist Teaching Certificate; Idaho P.O.S.T. Certified instructor; Assistant Professor of Law Enforcement, 2010.

**Halsell, Dr. George**

B.M. (Peabody Conservatory of Music of the Johns Hopkins University); M.M., D.M.A. (The University of Texas at Austin); Post-Graduate Study (University of Cincinnati College-Conservatory of Music); Professor of Music, 1994.

**Hamlett, Ben E**

B.S.E.E., M. Engr. E.E. (University of Idaho); Associate Professor of Automation and Controls, 2008.

**Hansen, Judy Grigg**

B.A., M.A. (Boise State University); Professor of English, 2003.

**Harding, Cynthia**

B.S. (Weber State University); M.S. (University of Missouri, Kansas City); Registered Dental Hygienist; Idaho Dental Hygiene License; Idaho Advanced Occupational Specialist Teaching Credential; Professor of Dental Hygiene, 2005.

**Harmon, Cynthia E**

C.P.A., A.A. (College of Southern Idaho); B.B.A. (Boise State University); Associate Professor of Accounting, 2007.

**Harmon, Jeffrey Mark (Jeff)**

C.P.A., A.A. (College of Southern Idaho); B.B.A. (Boise State University); M.Ed. (University of Idaho); Dean of Finance, 1991.

**Hart, Paula,**

A.S. (College of Southern Idaho); B.S.N., M.S.N (University of Wyoming); Registered Nurse; Gerontology Nurse Certificate; Legal Nurse Consultant; Idaho Standard Occupational Specialist Teacher Credential; Assistant Professor of Practical Nursing, 2007

**Hawkins, Heidi Sebring**

B.S., M.S. (Idaho State University); Professor of Biology, 2001.

**Hawkins, Joseph F (Jody)**

B.S. (Mesa State College); M.N.S. (Idaho State University); Professor of Biology, 1995.

**Hawley, Sheri**

B.S.N. (University of Wyoming); M.S. (University of Idaho); M.S. (Idaho State University); Registered Nurse; Gerontology Nurse Certificate; Idaho Standard Occupational Specialist Teaching Credential; Assistant Professor of Registered Nursing, 2008.

**Heiner, Dennis F**

B.S. (Brigham Young University); M.B.A. (Texas A & M University); Professor of Business, 1984.

**Heithecker, Dr. Julie A**

B.A. (Albertson's College of Idaho); M.S.Ed. (Boise State University); M.A.P.E. (Idaho State University); Professor of Business, 2000.

**Hewes, Beth**

B.S. (University of Idaho); M.A. (Washington State University); Associate Professor of Communication/Forensics, 2008.

**HoChee, Robyn M**

B.A. (Carroll College); M.S. (University of Wyoming); Instructor of Registered Nursing, 1993.

**Holliday, Dr. RoseAnna B.**

B.S. (University of Idaho); M.P.H. (University of Minnesota); Ph.D. (University of Connecticut); R.D.N. (Registered Dietitian Nutritionist), Licensed Dietitian, Idaho State Board of Medicine; Idaho Standard Occupational Specialist Teaching Credential; Department Chair, Health Sciences Human Services; Department Chair/Instructor of Allied Health, 2012.

**Honcharenko, Anatoliy**

B.S., M.S. (Chernovtsy State University, Ukraine); Assistant Professor of Mathematics, 2011.

**Hughes, John W**

A.A. (College of Southern Idaho); B.S., M.S. (University of Utah); Graduate Study (University of Idaho); STEM Coordinator; Department Chair/Professor of Education, 1990.

**Hunt, Daryl K**

B.A. (Brigham Young University); M.Ed. (Idaho State University); Adobe Certified Expert, Photoshop, Idaho Educational Teaching Credential Advanced Occupational Specialist, Associate Professor of Information Technology, 2002.

**Irons, James E (Jim)**

B.A. (Boise State University); M.A. (San Francisco State University); Professor of English, 1995.

**Irons, Lynn M**

B.S. (University of Idaho); M.Ed. (University of Idaho); Professor of Mathematics, 1980.

**Irons, Steve R**

B.A. (Boise State University); M.Ed. (University of Idaho); Professor of Mathematics, 1981.

**J****Jacobson, Megan M**

B.S. (University of Rochester), M.S. (University of Wisconsin, Madison); Associate Professor of Chemistry, 2009.

**Janak, Tamara**

A.S. (College of Southern Idaho); B.S.R.S. and M.D.T. (Idaho State University); Registered Technologist in Radiography and Mammography, American Registry of Radiologic Technologists; Idaho Occupational Specialist Teaching Credential/Radiologic Technology Endorsement; Instructor and Clinical Coordinator of Radiologic Technology, 2008.

**Jensen, Brent E**

B.M.E. (Boise State University); M.A. (Washington State University); Assistant Professor of Music, 1999.

**Jensen, Richard Brent (R Brent)**

B.A., M.A., Graduate Certificate in TESL (Brigham Young University); Doctoral Study (The University of Texas at Austin); Professor of English as a Second Language (ESL) and Spanish, 1989.

**Johnson, Michael A**

B.A. (Point Loma Nazarene University); Instructor of Culinary Arts, 2002.

**Jolovich, Dianne Elizabeth**

A.A. (College of Southern Idaho); B.A. (Idaho State University); M.T.D (Idaho State University); Associate Professor of Hospitality Management/ Culinary Arts, 2006.

**Jones, Cindy**

B.A. (Boise State University); Graduate Study (University of North Carolina); Instructor of Dance; 2012.

**Jones, Kevin L**

B.A. Graduate Study (University of Idaho); M.S. (Boise State University); Assistant Professor of Mathematics, 1989.

**Jones, Kimberly A**

B.A. (Utah State University); M.Ed. (University of Idaho); Associate Professor of English, 2002.

**Jones, Sue RN**

C.N.A. (St Luke's School of Nursing); Instructor of Certified Nursing, 2008.

**K****Kellis, James (Jim)**

A.A.S. (College of Southern Idaho); Instructor of Manufacturing Technology; 2014.

**Knight, R James (Jim)**

B.S. (Brigham Young University); Instructor of Equine, 1993.

**Koch, Tina**

A.S. (College of Southern Idaho); B.S.N. (Idaho State University), M.S.N. (Idaho State University); Instructor of Registered Nursing, 2012.

**Koontz, Kerry**

B.S.W. (Idaho State University); M.S.W. Social Work (Boise State University); Instructor of Social Work; 2014.

**Krapf, Donna**

A.S. (College of Southern Idaho); B.S.N. (Idaho State University); M.S.N. (Gonzaga University); Instructor of Registered Nursing, 2009.

**L****Larsen, Blaine Christopher**

A.A.S. (College of Southern Idaho); National Registered Paramedic; Idaho Limited Occupational Specialist Teaching Credential; Instructor of EMT; 2014.

**Larsen, Brenda**

B.A. (Mount Holyoke College); M.A. (University of Utah); Professor of Philosophy, 1981.

**Lauer, Dr. Orman Gary (Gary)**

A.A. (Santa Barbara City College); B.S.R.T., M.Ed. (University of Nevada, Las Vegas); Ph.D. (University of Santa Barbara); Registered Technologist in Radiography, \* American Registry of Radiologic Technologists; Idaho PTE Administrator Credential; Idaho Advanced Occupational Specialist Teaching Credential/Health Occupations Endorsement; Associate Professor of Radiologic Technology, 2002.

**Lloyd, Jayson Elliott**

B.S., M.S. (Brigham Young University); Department Chair/Professor of Biology, 2001.

**Lloyd, Kory W**

A.A. (Ricks College); B.B.A (Boise State University); M.A. (National University); Assistant Professor of English, 2011.

**Lord, Jonathan**

B.S. (Westmont College); M.A. (Wheaton College), M.Ed. (National University); Assistant Professor of Health, Recreation and Fitness, 2011.

**Lustig, Benjamin J**

B.S. (University of South Dakota); M.F.A. (East Carolina University); Assistant Professor of Photography, 2009.

**M****Madsen, Kimberly**

A.A. (College of Southern Idaho); B.A., M.A. (Idaho State University); Graduate Study (Idaho State University); Idaho Humanities Council Summer Institute Fellow; Associate Professor of English, 2003.

**Mahannah, Kara**

A.A. (College of Southern Idaho); B.S. (Idaho State University); R.M.A. (American Medical Technologist); L.P.N.; Idaho Limited Occupational Specialist Teaching Credential/Medical Assisting Endorsement; Assistant Professor of Medical Assistant, 2009.

**Mason, John M (Mike)**

C.P.A., C.M.A., B.B.A. (Boise State University); Vice President of Administration, 1991.

**Matier, Debra Jean**

B.A., M.A. (New Mexico State University); Associate Professor of English, 1999.

**Matsuoka, Bryan J**

B.A. (Boise State University); M.Ed. (University of Idaho); Director, Regional ISBDC.

**Maughan, Douglas L (Doug)**

Public Relations Director, 1998.

**Mayer, Robert A**

B.A. (Brigham Young University); M.A. (Idaho State University); Associate Professor of English, 2002.

**McEuen, Shelley Louise**

A.S. (North Idaho College); B.S. (University of Idaho); M.A.T., Graduate Certificate in English Instruction (University of Idaho); Professor of English, 2002.

**McFarlane, Dr. Michele**

A.A. (College of Southern Idaho); B.A. (Boise State University); M.Ed., Ed.S., Ed.D. (University of Idaho); Interim Registrar, 2008.

**Meade, Constance Egan (Connie)**

B.S., M.S. (Idaho State University); Professor of Mathematics, 2000.

**Meyerhoeffer, Christopher L (Chris)**

B.S. (Boise State University); J.D. (University of Idaho); Professor of Criminal Justice, 1998.

**Meyerhoeffer, Dr. Tracey J**

B.S. (University of Idaho); M.S. (Boise State University); Ph.D. (University of Idaho); Professor of Education, 1998.

**Miller, Dr. John Samuel**

M.Ed., Ed.S., Ed.D. (University of Idaho); Instructional Dean, 2005.

**Miller, Sue C**

B.M. (George Mason University); B.A. (Idaho State University); M.M. (Boise State University); Associate Professor of Music, 1994.

**Milligan, Janet Anne**

A.D.N., R.N., A.S. (College of Southern Idaho); B.S., M.S.N.-Ed (Idaho State University); Professor of Surgical Technology, 1998.

**Morache, Dr. Jette**

B.A., Ph.D. (University of Idaho); M.A. (Boise State University); Professor of English, 2004.

**Morgan, Kim**

B.S. (University of Maryland); M.S. (University of Maryland); Instructor of Biology, 2008.

**Morgan, Paul Evera**

B.S. (Brigham Young University); M.S. (Massachusetts Institute of Technology); Lieutenant Colonel (Ret.) USA; Department Chair/Professor of Mathematics, 1998.

**Morris, Kip**

A.A. (Blue Mountain Community College); B.S. (Eastern Oregon University); Assistant Professor of Wind Energy, 2012.

**Munns, Chance**

B.S. (University of Idaho); M.S. (University of New Mexico); Instructor of Horticulture, 2013.

**N****Narasimhan, Linda Susan**

A.D.N. (Clark College), B.S.N (University of Phoenix), M.S.N. (Idaho State University); Instructor of Registered Nursing, 2013.

**Neff, Ellen L**

A.A. (College of Southern Idaho); B.A. (Washington State University); M.Ed. (Boise State University); Assistant Professor of Early Childhood Education, 2008.

**Nieslon, Eric**

A.A. (College of Southern Idaho); B.B.A. (Boise State University); Director of Human Resources, 2014

**Nutsch, Carrie L**

A.A.S. (College of Southern Idaho); B.S. (Idaho State University) Assistant Professor of Surgical First Assistant, 2008.

**P****Packard, Kyle**

B.S.N. (Brigham Young University-Idaho); Instructor of Nursing, 2014.

**Pate, Dr. Barry Joseph**

B.S. (Brigham Young University); Ph.D. (Utah State University); Associate Professor of Animal Science, 2007.

**Patterson, Terry L**

A.A. (American River College); B.S. (University of California, Davis); M.Ed.; Ed.S. (University of Idaho); Instructional Dean, 1977.

**Peck, Dr. Margaret M**

B.A. (Idaho State University); M.Ed. (Albertson College of Idaho); M.P.S. (Loyola University, New Orleans); Graduate Study (University of Idaho; Boise State University); Ed.D. (University of Idaho); Associate Professor of Reading and Study Skills, 2001.

**Pehrson, Tammy**

A.S. (College of Southern Idaho); B.S.N.(Idaho State University); M.S.N. (Idaho State University); Registered Nurse; Idaho Advanced Occupational Specialist Teaching Credential; Associate Professor of Practical Nursing, 2006.

**Perez-Garcia, Cesar**

A.A. (College of Southern Idaho); B.S. (Boise State University); M.S. (Idaho State University); Advising Center Director, 2004.

**Perkins, Levi**

A.A.S. (College of Southern Idaho); A.S.E. Master Certificate for Heavy Duty Truck Technician; Freightliner Certified Heavy Duty Truck Technician Certificate; Assistant Professor of Diesel Technology Program, 2008.

**Pham, Theresa**

A.A.S. (College of Southern Idaho); B.S. (Idaho State University); M.S. (Idaho State University); Assistant Professor of Mathematics, 2007.

**Pierce, Timothy M**

A.A.S. (College of Southern Idaho); Idaho Advanced Occupational Specialist Idaho Education Credential, Auto Body Technology; A.S.E. Master Auto Body/Refinish Certificate; P.P.G. Master Refinish Certificate; B.A.S.F. Refinish Certificate General Motors Technical Schools; I-CARIQW Certificate; Service Journeyman, Auto Body Refinish; Associate Professor of Auto Body Technology, 2006.

**Popovic, Milica**

B.F.A. (University of Novi Sad); M.F.A (University of Idaho); Assistant Professor of Art, 2006.

**Poppino, Stephen L (Steve)**

B.A. (California State University, Hayward); M.L.S. (University of Washington); Reference Librarian, 1983.

**Prestwich, Kimberly**

B.A. (Idaho State University); M.P.A. (Idaho State University); Professor of English, 1998.

**Price, Dr. Kalise A**

A.S. (College of Southern); B.S.N. (Idaho State University); M.S.N. and D.N.P. (Walden University); Associate Professor of Registered Nursing, 2007.

**R****Reardon, Heather**

B.S.N. (Idaho State University); Registered Nurse; Idaho Limited Occupational Specialist Teaching Credential; Assistant Professor of Practical Nursing, 2009.

**Reis-Rodriguez, Dawnette**

A.A. (College of Southern Idaho); B.A. (Western Oregon University); M.A. (Idaho State University); ASLTA certified, Associate Professor of American Sign Language Studies, 2007.

**Reynolds, Matthew C (Matt)**

B.A. (Oklahoma State University); M.A. (Idaho State University); Assistant Professor of Sociology, 2008.

**Rice, Nolan Thomas**

B.S. (Idaho State University); M.A. (University of Montana); Professor of Mathematics, 2001.

**Rockett, Dr. Jody P**

B.S. (University of Wyoming, Laramie); D.V.M. (University of Missouri, Columbia); Professor of Veterinary Technology, 1997.

**Rodriguez, David Henry**

A.A.S (College of Southern Idaho); B.S. (Idaho State University) ASE Certified Master Automobile Technician; ASE Certified Advanced Level

Specialist; General Motors World Class Technician; Advanced Occupational Spec in Automotive Technology (Idaho State Board of Education); Professor of Automotive Technology, 2001.

**Rogers, Randy T**

B.S. (Utah State University); Head Coach, Women's Basketball, 2002.

**Rogers, Scott Curtis**

B.A. (Idaho State University); M.S. (Bowling Green State University); Instructor of Health, Recreation and Fitness, 2006.

**Rowlands, Brendan J**

B.S., M.S. (Brigham Young University); Assistant Professor of Psychology, 2010.

**Ruby, Kirk James**

A.A.S. (College of Southern Idaho); B.S., Vocational Certification (Idaho State University); M.Ed. (University of Idaho); Microsoft Certified Professional (M.C.P.); Microsoft Certified Technology Specialists (MCTS); Microsoft Certified Systems Administrator (MCSA); CompTIA A+ and Security+ Certified Professional; Professor of Computer Support, 1998.

**S****Sadler, Russell (Russ)**

A.S. (Salt Lake Community College); B.S., M.S. (Utah State University); Instructor of Mathematics, 2011.

**Sakelaris, Josh**

B.S. (Idaho State University); Eastern Idaho Center Director, 2013.

**Schull, Gail Grant**

A.A. (Cabrillo College); B.A. (University of California, Santa Cruz); M.Ed., Doctoral Study (Idaho State University); Director of Admissions, 2005.

**Schutt, Dr. Michelle**

B.S. (Upper Iowa University); M.S. (Emporia State University); M.S. (St. Cloud State University); Ph.D. (Colorado State University). Associate Vice President of Student Services, 2015.

**Schwarz, Dr. Todd**

A.A.S. (College of Southern Idaho); B.S.Ed., Ph.D. (University of Idaho); M.S.Ed. (Boise State University); Executive Vice President and Chief Academic Officer, 1988.

**Seaman, Dr. Cindy**

B.S. (Idaho State University); M.B.A (University of Phoenix); D.M. (University of Phoenix); Registered Dental Hygienist; Idaho Dental Hygiene License with Extended Access Endorsement; Soft Tissue Laser Certification; Assistant Professor of Dental Hygiene, 2010.

**Seeley-Case, Tiffany**

B.A., M.A. (Boise State University); Professor of Communication, 1997.

**Sept, Teresa Ann**

IC3 Certification; Idaho Education Credential Standard Occupational Specialist in Information/Communication Technology; Professor of Information Technology, 2001.

**Simonson, Dr. Randy**

B.S. (Brigham Young University); M.S. (Western Washington University); Ph.D. (North Central University); Professor of Psychology, 1998.

**Simpkin, Dr. Janice L (Jan)**

B.A. (Pomona College); M.S., Ph.D. (University of Nevada, Reno); Professor of Biology, 1997.

**Slagel, Michael**

B.S., M.S. (University of Idaho); Assistant Professor of Business Statistics, 2007.

**Smith, Dr. Burton R (Randy)**

B.S. (Humboldt State University); M.S. (University of Nevada, Reno); D.A. (Idaho State University); Professor of Biology, 2003.

**Smith, Shilo L**

A.A. (College of Southern Idaho); B.A., M.S. (Idaho State University); Assistant Professor of Psychology, 2008.



**Smith, Whitney D**

B.A., M.A. (Boise State University); Department Chair/Professor of English, 1998.

**Sneddon, Gina**

B.S. (Utah State University); M.T.D. (Idaho State University); Associate Professor of Communication, 2008.

**Snell, Scott, RN**

B.S.N. (Troy State University); M.S.N. (Idaho State University); Registered Nursing (Idaho State University); Idaho Advanced Occupational Specialist Teaching Credential; Associate Professor of Practical Nursing, 2006.

**Sorensen, Nicole**

A.S. (College of Southern Idaho); B.S.N. (Idaho State University); M.S.N. Pediatric Nurse Practitioner (California State University, Fresno); Instructor of Registered Nursing, 2012.

**Star, Hallie**

B.F.A. (Pacific Northwest College of Art), M.A. (The New School); Blaine County Center Director, 2013.

**Steel, Laine A**

A.A. (College of Southern Idaho); B.F.A. (Weber State College); M.F.A. Postgraduate Study (University of Utah); Professor of Communication and Theatre, 1988.

**Steel, Dr. Marian Diane**

A.A. (College of Southern Idaho); B.A., M.Ed. (Idaho State University); Ph.D. (University of Idaho); Director of Adult Basic Education, 1998.

**Swainston, Robyn S**

A.A.S., A.A. (College of Southern Idaho); Idaho Advanced Occupational Specialist Idaho Education Credential, Automotive Technology; ASE Certified Master Automobile Technician; ASE Certified Advanced Level Specialist; ASE Collision Repair Technician Certificate; General Motors World Class Technician Certificate; Certified Superflow Dyno Technician Certificate; Powered Industrial Truck Safety Train the Trainer Certificate; Associate Professor of Automotive Technology, 2006.

**T****Tarter, Dr. James G (Jim)**

B.S. (Angelo State University); Ph.D. (Arizona State University); Associate Professor of Chemistry, 1995.

**Tigue, Jaime**

A.S. (College of Southern Idaho); B.S., M.H.E. (Idaho State University); Associate Professor of Health, Recreation and Fitness, 2000.

**Tremayne, Dr. Russell M (Russ)**

M.A. (Boise State University); Ph.D. (University of Washington); Associate Professor of History, 1999.

**Triplett Jr, Kenneth W (Ken)**

A.A.S. (College of Southern Idaho); B.A.S., M.Ed. (University of Idaho); AGC Instructor Certificate; Professor of Cabinetmaking/ Woodworking, 1987.

**Twiss, John**

B.S. (Boise State University); Director of Recreation, 2012.

**U****Uhl, Sandy**

A.D.N. (Cerritos College); B.S.N., M.S.N. (University of Phoenix); Instructor of Registered Nursing, 2008.

**V****Van Noy, Richard (RD)**

A.A.S. (College of Southern Idaho); B.S. (Western Governors University); CCAI, CCNA (Cisco); MCT, MC-ITP 2008 EA/SA, MCSE 2003 (Microsoft); A+, Net+, Server+, Security+, Project+ (CompTIA); Instructor of Information Technology, 2010.

**Verburg-Hamlett, Janna**

B.S. (University of Idaho); Instructor of Food Processing Technology, 2014.

**W****Waitley, Christalyn N (Chrissy)**

A.A. (College of Southern Idaho); B.S. (Boise State University); Graduate Studies (University of Idaho); Assistant Professor of Mathematics, 2008.

**Walker, Justin D (Boomer)**

A.A. (College of Southern Idaho); B.A. (Northeast Louisiana University); Head Baseball Coach, 1995.

**Warner, Valerie J**

B.S.N. (San Jose State University); M.S. (Idaho State University); Department Chair/Professor of Registered Nursing, 1990.

**Wasden, Mark**

B.A., M.A. (California State University, Chico); Professor of Communication, 2004.

**Waters, Christie Solomon**

B.S. (Idaho State University), M.S. (Idaho State University); Instructor of Mathematics, 2013.

**West, Wayne W (Bill)**

A.A. (College of Southern Idaho); B.A. (College of Idaho); M.F.A. (University of Montana); Assistant Professor of Art, 1985.

**West, David D**

A.A. (Clayton Jr. College); B.A. (Georgia State University); M.F.A. (University of Arkansas); Professor of English, 1994.

**Willsey, Shawn Patrick**

B.S. (Weber State University); M.S. (Northern Arizona University); Professor of Geology, 2004.

**Wilson, Debra J (Deb)**

A.S. (College of Southern Idaho); B.S., Graduate Study (University of Idaho); Executive Director of CSI Foundation, Inc, 1990.

**Wilson, James A (Jim)**

B.S., M.S. (University of Idaho); Department Chair /Associate Professor of Agriculture, 1987.

**Woods, James Charles (Jim)**

A.A. (College of Southern Idaho); B.F.A. (Boise State University); M.A. (Idaho State University); Professor of Anthropology, 1975.

**Wright, Shelly K**

B.A. (Boise State University); M.S. (Idaho State University); Professor of Health, Recreation and Fitness, 1999.

**Wyett, David E**

A.A.S., WIT; Idaho Advanced Occupational Specialist Idaho Education Credential, Heating Air and Refrigeration Technology; F.A.A. Certified Air Frame and Power Plant; Certified Master (CMHE) HVAC Educator; Idaho State Licensed HVAC Contractor; Idaho State Licensed HVAC Journeyman; Idaho State Licensed Journeyman HVAC Electrician; Certified Experimental Sheet Metal Fabrication; Department Chair/Professor of HVAC, 2003.

**Y****Youngman, Mike**

B.A. (Brigham Young University); M.F.A. (Utah State University); Professor of Art, 1975.

**Z****Zimmerman, Elizabeth Jane (Betty)**

A.S. (College of Southern Idaho); B.S.N., M.S.N. (Idaho State University); Professor of Registered Nursing, 2001.

**Zimmers, Jennifer J**

B.A. (Idaho State University); M.B.A. (University of Phoenix); Director of Financial Aid, 1994.

# EMERITUS FACULTY

## A

### **Anderson, Alice Marie**

B.S., M.Ed. (University of Idaho); M.A. (Boise State University); Professor Emeritus of Early Childhood Education Programs, 1976.

### **Atwood, Karen K**

B.S. (University of Idaho); M.Ed. (University of Idaho); Type "A" Vocational Education Certificate in Business/Office Education; Professor Emeritus of Business Computer Applications, 1983.

## B

### **Bartlett, Benjamin (Ben)**

A.A. (College of Southern Idaho); Technician (US Navy Electronics School); Electronics Instructor (US Navy); First Class FCC Radio-Telephone License; Vocational Education Certificate in Electronics Technology; Associate Professor Emeritus of Electronics Technology, 1977.

### **Beck, Dr. Gerald Lee (Jerry)**

B.S., M.Ed., Ed.D. (University of Idaho); Graduate Studies (Harvard University, IEM); President Emeritus, 1975.

### **Bennett, Bruce T**

A.A. (College of Southern Idaho); B.A. (Brigham Young University); M.Ed. (University of Idaho); Associate Professor Emeritus of Developmental Language Arts, 1980.

### **Boydston, D Herschel**

B.S. (Oklahoma State University); M.S. (Oklahoma State University); Professor Emeritus of Agriculture, 1965.

### **Buettner, Dr. Clauden R**

B.S. (College of St. Teresa); M.S. (University of Colorado); M.Ed. (University of Idaho); Graduate Study (Montana State University); (Idaho State University); Ed.D. (University of Idaho); Executive Vice President and Chief Academic Officer; Professor Emeritus, 1972.

## E

### **Eberlein, William C (Bill)**

B.S. (Washington State University); M.S. (Oregon State University); Professor Emeritus of Engineering, 1997.

## F

### **Fluegel, John**

B.A., M.A. (Western State College of Colorado); Graduate Study (University of South Carolina); Assistant Professor Emeritus of Chemistry.

## G

### **Gentry, James Robert (Jim)**

A.A. (Citrus College); B.S. (California State Polytechnic College); M.A. (California State College, Los Angeles); Graduate Study (University of California, Santa Cruz); Ph.D. (University of Utah); Professor Emeritus of History, 1969.

### **Glenn, Penny L**

M.Ed. (University of Idaho); Certified Medical Assistant (C.M.A.); Surveyor for Council on Accreditation of Health Education Programs; Professor Emeritus of Medical Assistant, 1978.

### **Green, Michael Dee**

B.A. (College of Idaho); M.A. (University of Denver); (Sun Valley Center for the Arts and Humanities); (Imago Paper Mill); Professor Emeritus of Art, 1968.

## H

### **Hayes, Marilyn Yvonne (Blackburn)**

B.S. (University of Utah); M.N. (University of Washington); Professor Emeritus of Nursing, 1965.

### **Hurley, Dr. John J**

A.A. (Shasta College); B.S., M.A. (University of Idaho); M.P.S. (Loyola University); Ph.D. (Gonzaga University); Professor of Economics and Professor Emeritus of Economics, 1981.

## M

### **Makings, Dr. David Joe (Dave)**

B.S. (Colorado State University); M.A. (University of Northern Colorado); Ed.D. (University of Idaho); Professor Emeritus of Information Technology, 1980.

### **Mannen, William A. (Tony)**

B.A. (Eastern Kentucky University); M.A. (University of Northern Colorado); Professor Emeritus of Communication and Theatre, 1975.

### **Meyerhoeffer, Gerald R (Jerry)**

B.S. (University of Idaho); M.S. (Washington State University); Graduate Study (Oregon State University); (University of Idaho); (University of Oregon); Honorary Doctor of Administration Science (University of Idaho); President Emeritus, 1966.

### **Mittleider, Janice (Jan)**

B.A., M.P.E. (Idaho State University); Professor Emeritus of Physical Education, 1970.

## P

### **Puder, Dr. Donald W**

B.A. (Carthage College); M.A. (Western State College, Colorado); Ph.D. (Columbia Pacific University); Professor Emeritus of Life Sciences.

## S

### **Sandy, Janet I**

B.S. (Brigham Young University); M.S. (University of Portland); Adult Nurse Practitioner and Professor Emeritus of Nursing, 1973.

### **Selelyo, Patricia A (Pat)**

B.A. (Concordia College); M.S. (University of Delaware); Associate Professor Emeritus of Biology, 1989.

### **Slifer, Elizabeth A (Betty)**

B.A. (University of New Hampshire; University of New Brunswick, Canada; Tufts University); M.A. (Tufts University, Medford, Massachusetts; London, England); Postgraduate Study (Idaho State University; University of Idaho; Brigham Young University); Professor Emeritus of English, 1975.

### **Stanfield, Peggy S**

B.S. (Alabama College); M.S. (Montana State University); Graduate Study (Idaho State University); Registered Dietician (R.D.); Professor Emeritus of Biology.

### **Steel, Lavar**

B.S., M.S. (Brigham Young University); Professor Emeritus of Art.

### **Stover, Kathy A**

B.S., M.M. (Utah State University); Professor Emeritus of Mathematics, 1998.

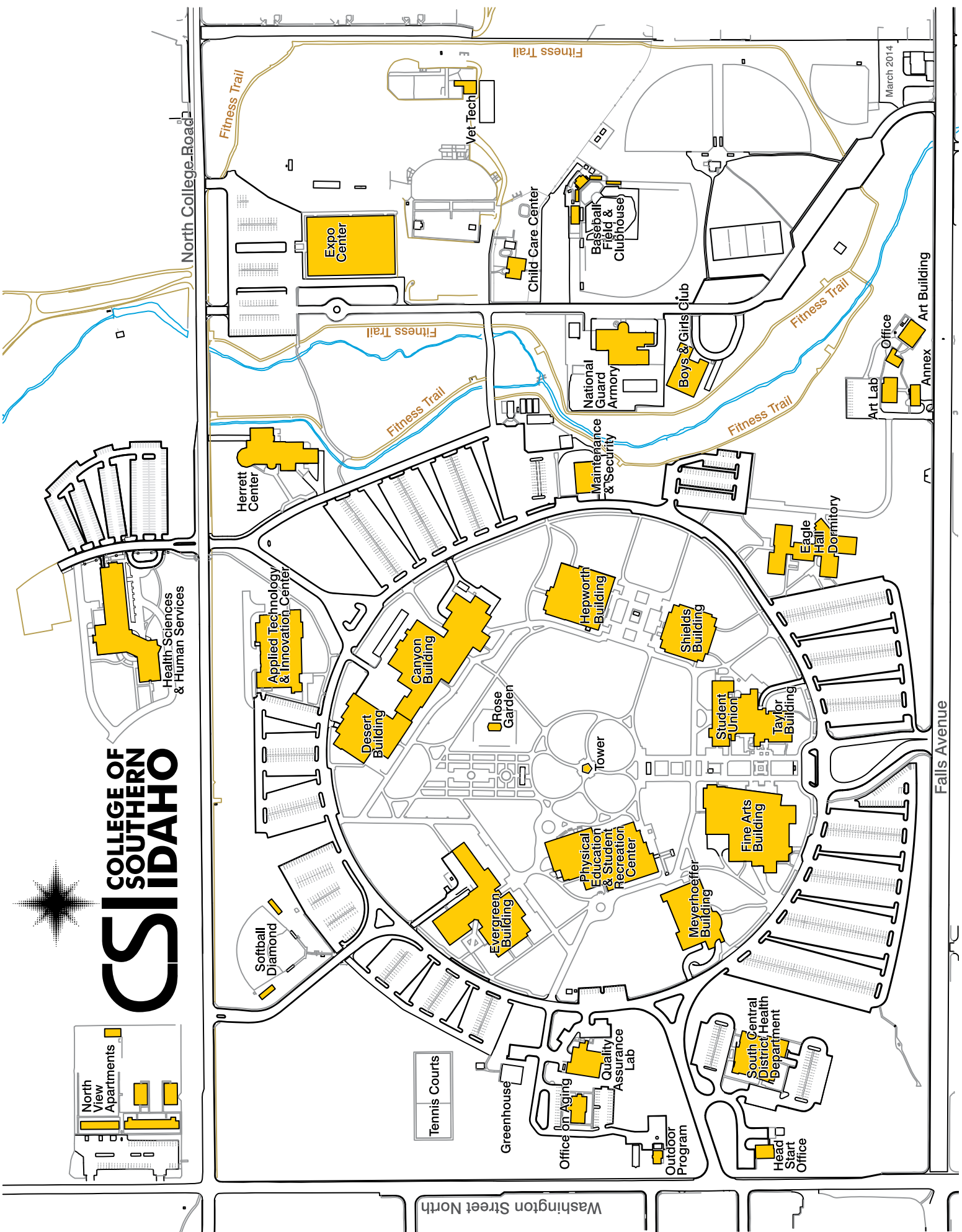
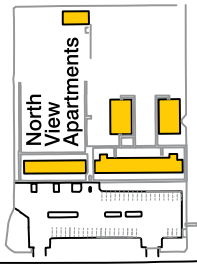
## W

### **Wong, K Carson (Carson)**

B.A. (University of California, Berkeley); M.A. (San Jose State College); Graduate Study (Texas Technological College; Idaho State University; University of Idaho; Utah State University; University of Colorado); Professor Emeritus of Music, 1980.



# COLLEGE OF SOUTHERN IDAHO







315 Falls Avenue • PO Box 1238  
Twin Falls ID 83303-1238  
208.733.9554 • [www.csi.edu](http://www.csi.edu)

