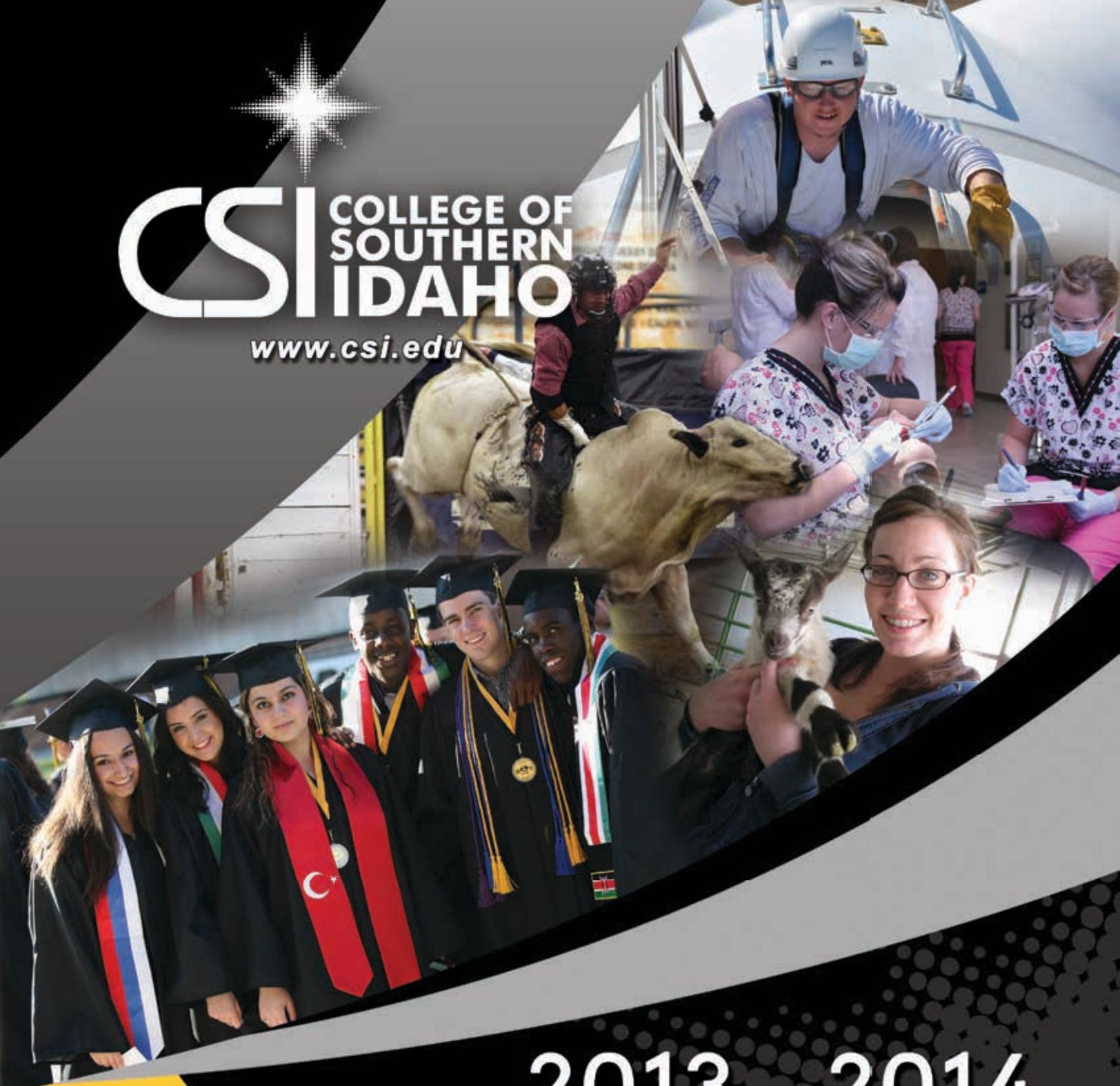


**CSI** COLLEGE OF  
SOUTHERN  
IDAHO

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



2013 - 2014  
**CATALOG**

# 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  
Academic Skills Department 732-6529  
Admissions and Records 732-6795  
Adult Basic Education/GED 732-6534  
Advising Center 732-6250  
Agriculture Department 732-6401  
Alumni Association 732-6249  
ARAMARK Dining Services 732-6635  
Athletics 732-6475  
Biology Department 732-6547  
Boise State University – Twin Falls Program 736-2161  
Bookstore 732-6550  
Business & Economics Department 732-6850  
Business Office 732-6212  
Career and Counseling Services 732-6260  
Center for New Directions 732-6688  
Child Care Center 732-6645  
Community Education Center 732-6441  
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  
Fine Arts Department 732-6781  
Foundation 732-6242  
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  
Industry Training and Partnerships 732-6325  
Information Technology Department 732-6300  
Information Technology Services (ITS) 732-6241

Instructional Administration 732-6281  
International Student Services 732-6228  
Library 732-6500  
Library and Information Science Department 732-6504  
Maintenance 732-6600  
Math, Engineering, and Computer Science Department 732-6821  
New Student Services 732-6221  
Off-Campus Centers  
Blaine County Center 788-2033  
Jerome Workforce Development Center 324-7408  
Mini-Cassia Center 678-1400  
North Side Center 934-8678  
Office on Aging 736-2122  
Outdoor Program 732-6696  
Peer Tutoring 732-6548  
Physical Education 732-6549  
Physical Science Department 732-6400  
Planning and Grant Development 732-6863  
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

Small Business Development Center 732-6450  
Social Science Department 732-6850  
Southern Idaho Economic Development Office (SIDE) 324-7408  
Student Activities 732-6221  
Student Disability Services 732-6260  
TechPrep 732-6224  
Testing Center 732-6532  
Trade & Industry 732-6301  
Trans IV (bus service) 736-2133  
University of Idaho –Twin Falls Program 736-3600  
Veteran's Services 732-6237  
Workforce Training 732-6219

New Student Services & Student Activities [info@csi.edu](mailto:info@csi.edu)  
Admissions and Records [records@csi.edu](mailto:records@csi.edu)  
Advising [advising@csi.edu](mailto:advising@csi.edu)  
Financial Aid [csifinancialaid@csi.edu](mailto:csifinancialaid@csi.edu)  
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Most photos taken by: Doug Maughan



# COLLEGE OF SOUTHERN IDAHO

## 2013-2014 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  
Burley, ID 83318  
(208) 678-1400

### **Jerome Workforce Center**

104 W Main  
Jerome ID 83338  
(208) 325-7408

### **Blaine Center**

1050 Fox Acres Road  
Hailey, ID 83333  
(208) 788-2033



College of Southern Idaho is accredited by the **Northwest Commission on Colleges and Universities (NWCCU)**, an institutional accrediting body recognized by the Secretary of the U.S. Department of Education.

8060 165th Avenue N.E., Suite 100 • Redmond, WA 98052-3981 • [www.nwccu.org](http://www.nwccu.org)

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.

#### **Compliance Officer:**

**Monty Arrossa**

**Human Resources Director**

(208) 732-6267

**College of Southern Idaho**

315 Falls Avenue

P.O. Box 1238

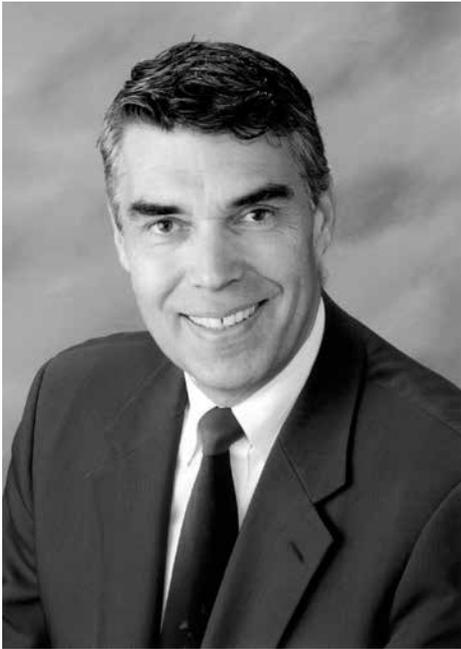
Twin Falls, ID 83303-1238



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## From the President



This catalog, with all its technical language and guidelines may look intimidating. It's hard to describe ourselves – our classes, programs, degrees, certificates, and all their requirements – without using complicated language and abbreviations. This catalog may describe what we are, but I would like to emphasize who we are. We are, quite simply, one of the finest community colleges in the nation. Since 1965, we have been working to provide more and better academic and technical programs each year, to stay ahead of the educational and workforce requirements you will face. But we also care about you as a person and how you do here. For instance, as you work through the pages of this catalog, you will probably need an advisor to help you understand it. You have my assurance that the person you seek out for help – whether an advisor in the Taylor Building Matrix or an instructor in your program – will take the time to make sure your question is answered and your needs are addressed. When you are stuck on a concept or having trouble understanding or progressing in a class, your instructor will be available to meet with you and will take the time and make the effort to get you on the right track. Yes, you will be assigned student numbers, codes, and other impersonal trappings of all higher education institutions while you are here, but our advisors, faculty, staff members, and administrators will do all they can to make your class, program, or major course of study a successful and enjoyable experience. Please know that our doors are open to you. Mine is located at the southwest corner of the Taylor building on the ground floor. Let us know how we can help you. Thank you for choosing to attend the College of Southern Idaho.

Best wishes in all your CSI endeavors.



Dr. Gerald L. Beck

President of College of Southern Idaho

*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.*

## CSI BOARD OF TRUSTEES



Dr. H. Thad Scholes  
Chairman



Karl Kleinkopf  
Vice Chairman



Bob Keegan  
Clerk



Laird Stone  
Trustee



Jan Mittleider  
Trustee

# 2013

## JANUARY

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## FEBRUARY

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## 2013 FALL TERM

1/1/2013	FAFSA available online for the 2013-2014 academic year (Fall 2013, Spring 2014, Summer 2014). Students who will need financial aid must apply as soon as possible through <a href="http://www.fafsa.gov">www.fafsa.gov</a>
3/1	Scholarship Application and Federal Financial Aid priority deadline for the 2013-2014 academic year
4/1	Registration begins for Summer and Fall
7/1	Residence Hall application, security deposit & down payment due
7/4	Independence Day (campus closed)
7/22	Fall 2013 Federal Financial Aid priority processing date*
8/19-23	Faculty return to campus; in-service week
8/23	Residence Hall opens
8/26	Fall semester begins; room & board due
8/30	Late registration ends
	Last day to Drop (no grade recorded)
	Last day to Add
	Last day to change to/from Audit
	Tuition and fees due & last day for 100% refund
9/2	Labor Day (campus closed)
10/14	Columbus Day (campus closed)
11/1	Deadline to apply for Fall graduation (inclusion in the commencement booklet)
11/4	Registration begins for Spring
11/11	Veterans Day (campus closed)
11/15	Last day to Withdraw (W grade issued), or 75% of course
11/27-29	Thanksgiving vacation (campus closed Th & F)
12/9	Spring 2014 Federal Financial Aid priority processing date*
12/16-19	Final exams
12/19	Residence Hall closes at 6 p.m.**
12/26	Fall grades due from faculty by 5 p.m.

\*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.

\*\*All times in this calendar are in Mountain Time.

## 2014 SPRING TERM

As soon as possible after 1/1/2013

Students who have NOT yet applied for Federal Financial Aid for the 2013-2014 calendar year and need financial aid for the Spring 2014 semester should apply as soon as possible through [www.fafsa.gov](http://www.fafsa.gov)

11/4/2013	Registration begins for Spring
12/9/2013	Spring 2014 Federal Financial Aid priority processing date*
12/15/2013	Residence Hall application, security deposit & down payment due
1/1/2014	FAFSA available online for the 2014-2015 academic year (Fall 2014, Spring 2015, Summer 2015). Students who will be returning in Fall 2014 and need financial aid should apply as soon as possible through <a href="http://www.fafsa.gov">www.fafsa.gov</a>
1/1	Campus closed
1/13-17	Faculty return to campus; in-service week
1/17	Residence Hall opens
1/20	Martin Luther King Day (campus closed)
1/21	Spring semester begins; room & board due
	Late registration begins
1/24	Late registration ends
	Last day to Add
	Last day to Drop (no grade recorded)
	Tuition and fees due & last day for 100% refund
	Last day to change to/from Audit
2/17	Presidents' Day (campus closed)
3/1	Scholarship and Federal Financial Aid application priority deadline date for the 2014-2015 academic year
3/15	Deadline to apply for Spring graduation (inclusion in the commencement booklet)
3/24-28	Spring vacation
4/7	Registration begins for Summer and Fall
4/11	Last day to Withdraw (W grade issued), or 75% of course
5/5	Summer 2014 Federal Financial Aid priority processing date*
5/12-15	Final exams
5/15	Residence Hall closes at 6 p.m.
5/16	Commencement ceremony
5/20	Spring grades due from faculty by 5 p.m.

\*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.

\*\*All times in this calendar are in Mountain Time.

# 2014

## JANUARY

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## NOVEMBER

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## JUNE

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## DECEMBER

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## 2014 Summer Term

Session	Start Date	End Date	Last Day to Add/Drop (no grade)	Last Day to Withdraw (W Grade)	Payment Due	Grades Available
<b>Session I Early 6 week</b>	May 19	June 27	May 21	June 18	*	July 2
<b>Session II 8 week</b>	June 2	July 25	June 4	July 11	June 6	July 30
<b>Session III 4 week</b>	June 2	June 27	June 3	June 20	*	July 2
<b>Session IV Mid 4 week</b>	June 30	July 25	July 1	July 18	*	July 30
<b>Session V Late 6 week</b>	June 30	August 8	July 2	July 23	*	August 13

\*Tuition and fees for Early and 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 dropped without notice. Late fees will apply.

5/27 – Memorial Day (campus closed)

7/4 – Independence Day (campus closed)

## ADMINISTRATION AND SUPPORT SERVICES DIRECTORY

Dr. Gerald L. Beck	President	(208) 732-6601
Dr. Jeff Fox	Executive Vice President - Chief Academic Officer	(208) 732-6220
J. Mike Mason	Vice President of Administration	(208) 732-6203
Dr. Edit Szanto	Vice President of Student Services/Planning & Grant Development	(208) 732-6863
Debora 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) 732-6325
J. Scott Scholes	Dean of Students	(208) 732-6221
Dr. Ken Campbell	Dean of Information Technology Services	(208) 732-6243
Jeffrey M. Harmon	Dean of Finance	(208) 732-6210
Monty Arrossa	Director of Human Resources	(208) 732-6267
Doug Maughan	Director of Public Relations	(208) 732-6262
Joel Bate	Athletic Director	(208) 732-6836
Karen Baumert	Sports Information Director	(208) 732-6493
Randy Dill	Director of Physical Plant	(208) 732-6600
Gail Grant Schull	Director of Admissions & Records	(208) 732-6232
Jennifer Zimmers	Director of Student Financial Aid	(208) 732-6277
Cesar Perez-Garcia	Director of Advising Center	(208) 732-6250
Teri Fattig	Director of Library & Herrett Center for Arts and Science	(208) 732-6501
Jay Sneddon	Data Services Director	(208) 732-6247
Dr. Jennifer Emery Davidson	Blaine County Center Director	(208) 732-6930
Amy Christopherson	Mini-Cassia Center Director	(208) 732-6944
Elaine Bryant	North Side Center Director	(208) 732-6461
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) 732-6255
John Twiss	Recreation Center Director	(208) 732-6470

## DEPARTMENTAL CHAIRPERSONS AND PROGRAM DIRECTORS

Dr. Debra S. E. Klimes	Academic Skills/Academic Development Center Director	(208) 732-6529
Jim Wilson	Agriculture	(208) 732-6402
Jayson Lloyd	Biology	(208) 732-6547
Chris Bragg	Business and Fine Arts	(208) 732-6775
John Hughes	Education	(208) 732-6549
Whitney Smith	English, Languages & Philosophy	(208) 732-6844
Gordy Kokx	Health Sciences & Human Services	(208) 732-6849
Bryan Matsuoka	Idaho Small Business Development Center	(208) 732-6451
Lori Garnand	Information Technology Education	(208) 732-6317
Teri Fattig	Library and Information Science	(208) 732-6501
Paul Morgan	Mathematics, Engineering & Computer Science	(208) 732-6821
Mark Daily	Physical Science	(208) 732-6424
Valerie Warner	Registered Nursing	(208) 732-6724
Brett Reid	Social Science	(208) 732-6339
Dave Wyatt	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

# ABOUT CSI

- About the College
- Mission Statement
- Accreditation
- Open-Door Policy
- Strategic Plan
- Philosophy, Purposes, Educational Services
- Degrees and Certificates Offered
- Honors Program
- ESL/ABE/GED
- Dual Credit & Tech Prep
- Athletics
- Community Education
- Workforce Training
- SIEDO
- ISBDC
- Herrett Center
- Library
- Facilities
- CSI Foundation, Inc.



## 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 now serves over 8,500 students taking credit courses and another 4,000 attending noncredit professional and enrichment classes. In addition, up to 40,000 people come to the campus each year for special events and workshops. CSI has off campus centers in Burley, Gooding, Hailey, 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 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)

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.

Specialized/Programmatic Accreditation		
Program	Degree	Agency
Air-Conditioning, Refrigeration & Heating	AAS & TC	HVAC Excellence
Automotive Service Educational Programm	AAS	National Automotive Technician Education Foundation (NATEF)
Certified Nursing Assistant Program	Certificate of Completion	Idaho Board of Nursing (IBN)/Department of Health and Welfare
Dental Hygiene	AAS	Commission on Dental Accreditation CODA American Dental Association
Medical Assistant Program	Technical Certificate	Commission on Accreditation of Allied Health Education Programs (CAAHEP)
Paramedic Program	Technical Certificate & AAS	Commission on Accreditation of Allied Health Education Programs (CAAHEP)
Practical Nursing Program	Technical Certificate	Idaho Board of Nursing (IBN)
Radiologic Technology Program	AAS	Joint Review Committee on Education in Radiological Technology (JRCERT)
Registered Nursing Program	AS	National League for Nursing Accrediting Commission (NLNAC) Idaho Board of Nursing (IBN)
Surgical First Assistant	AAS	Commission on Accreditation of Allied Health Education Programs (CAAHEP)
Surgical Technology Program	Technical Certificate & AAS	Commission on Accreditation of Allied Health Education Programs (CAAHEP)
Veterinary Technology	AAS	American Veterinary Medical Association (AVMA)
CSI Idaho Small Business Development Center	N/A	Association of Small Business Development Centers
Early Childhood Education Program Training Labs	N/A	National Association for the Education of Young Children (NAEYC)
Herrett Center for Arts & Science	N/A	American Association of Museums (AAM)

## PROFESSIONAL ASSOCIATIONS

CSI is a member of the American Association of Community Colleges (AACC) 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.

## STRATEGIC PLAN

### Core Values

The following core values, principles and standards guide our vision and conduct:

#### People

Above all, we value our students, employees, and community. We celebrate individual uniqueness, worth, and contributions while embracing diversity of people, backgrounds, experiences, and ideas. We are committed to the success of our students and employees.

#### Learning

We are committed to student learning and success. We value lifelong learning, informed engagement, social responsibility, and global citizenship.

#### Access and Opportunity

We value affordable and equitable access to higher education. We make every effort to eliminate or minimize barriers to access and support student success and completion of educational goals. We create opportunities for educational, personal, and economic success.

#### Quality and Excellence

We strive for excellence in all of our endeavors. We offer high-quality educational programs and services that are of value to our constituents. We are committed to high academic and professional standards, and to the continuous improvement of our educational programs, services, processes, and outcomes.

#### Creativity and Innovation

We value and support innovative and creative ideas and solutions that foster improvement and allow us to better serve our students and our community. We encourage entrepreneurial spirit.

#### Responsibility and Accountability

We value personal, professional, and institutional integrity, responsibility, and accountability. We believe in serving our constituents responsibly in order to preserve the public's trust. We strive to develop a culture of meaningful assessment and continuous improvement. We value inspired, informed, transparent, and responsible leadership and decision-making at all levels of the College. We value our environment and the conservation of our natural resources.

## Collaboration and Partnerships

We value collaboration and actively pursue productive and mutually beneficial partnerships among people, institutions, organizations, and communities to share diverse ideas, talents, and resources.

## Vision

College of Southern Idaho shapes the future through its commitment to student success, lifelong learning, and community enrichment.

### Core Themes

1. Transfer Education
2. Professional/Technical Education
3. Basic Skills Education
4. Community Connections

### Strategic Initiatives

- I. Student learning and success
- II. Responsiveness
- III. Performance and accountability

### Strategic Goals

1. Demonstrate a continued commitment to and shared responsibility for student learning and success
2. Meet the diverse and changing needs and expectations of our students and the community we serve
3. Support employee learning, growth, wellness, and success
4. Commit to continuous improvement and institutional effectiveness

## 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.

- To provide a program of general education that assists our students in developing the understanding, knowledge, skills, values, and attitudes necessary for effective living in a global society.
- To provide university-parallel curriculum - the first two years of a baccalaureate degree program in preparation for entrance into the junior year of a four-year college or university.
- To provide a program of professional-technical education that prepares students for employment upon successful completion.
- To provide a program of community education for lifelong learning.

- To support the social, cultural, and economic development of the region.
- To serve the community by making the college's human and physical resources available – including facilities and the expertise of faculty and staff.
- To provide personalized support services to promote the successful achievement of all other institutional purposes.

## EDUCATIONAL SERVICES

The College of Southern Idaho provides the following educational services:

- Majors oriented towards transfer to four-year schools
- Programs/courses designed to improve the student's marketability in the workforce
- Short-term and custom training programs
- Courses for personal enrichment
- Opportunities for high-achieving students
- Developmental courses to assist students who need to raise existing skills to college-level competency
- Opportunities for high school students to earn college credit (dual credit and Tech Prep)
- Online and distance learning opportunities

The College of Southern Idaho, in addition to the Twin Falls campus, offers services through off-campus centers.

### Blaine County Center

Hailey, 788-2038

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

### CSI Jerome Center

Jerome, 324-7408

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

### Mini-Cassia Center

Burley, 678-1400

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

### North Side Center

Gooding, 934-8678

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

## 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)
- Technical Certificate (TC)
- Postsecondary Certificate (PC)

## ACCEPTING THE COLLEGE COMPLETION CHALLENGE: A CALL TO ACTION



In 2011 the CSI Board of Trustees signed the College Completion Challenge: A Call to Action.

This signed Call to Action commits the College of Southern Idaho to promote the development and implementation of policies, practices, and institutional cultures that will help produce 50% more students with high quality degrees and certificates by 2020.

In recognition of the central role that the College of Southern Idaho has in meeting the educational and training needs in our community and, more broadly, in contributing to an educated U.S. citizenry and a competitive workforce, we pledge to do our part to increase the number of Americans with high quality postsecondary degrees and certifications to fulfill critical local, state, and national goals. With the “completion agenda” as a national imperative, the College of Southern Idaho has an obligation to meet the challenge while holding firmly to traditional values of access, opportunity, and quality.

We call upon every sector and constituency of our college and community to join us in this work.

## We Believe

- We believe the student success and completion agenda is the future of the College of Southern Idaho.
- We believe that completion matters and every student counts.
- We believe in every student's potential and responsibility to succeed—and that an engaged student is more likely to persist in college.
- We believe that “open door” must not be a “revolving door,” and that CSI must take responsibility for student success.
- We believe that community colleges are the gateways to middle class and beyond for millions of Americans.
- We believe that community colleges are an invaluable economic engine driving the nation toward renewed and sustained economic prosperity.
- We believe that talented and committed people working “heart and soul” at CSI are ready to take leadership roles to increase student success and college completion.

## We Commit

- We commit to change in institutional culture, from emphasis on access only to emphasis on access and success.
- We commit to courageous conversation about diversity, equity, and evidence reflecting student success and institutional performance.

- We commit, while increasing success rates for all students, to eliminating the attainment gaps that separate student groups on the basis of race, ethnicity and family income.
- We commit to acting on facts to making positive changes in the interest of student success and college completion.
- We commit to promoting faculty and staff development focused on evidence-based education practice.
- We commit to providing development opportunities, for college administrators, trustees, faculty, staff, and students to build and sustain leadership for student success.

### We Ask

- We ask every trustee, administrator, faculty member, counselor, advisor, financial aid officer, staff member, and student organization to examine current practices, identify ways to help students understand the added value of degrees and certifications, and to help them progress toward their goals.
- We ask every student to help one other student succeed.
- We ask community members to support and work with us to help more students succeed.
- We ask elected officials to create the policy conditions that enable, support, and reward our work to strengthen student success.
- We ask other community colleges to join us by signing and sharing this commitment and call to action.

### 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)**

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

## ACADEMIC SKILLS DEPARTMENT

The Academic Skills Department offers learning opportunities to college-bound students of various entering levels. Basic level courses in math, reading, writing, grammar, vocabulary, spelling, and ESL are offered. Similarly, these same courses are offered at a developmental level which is needed to raise existing skills to a college-level competency. A college study methods course is offered to promote student success and retention. Emphasis in this course is on learning study techniques, examination skills, note-taking procedures, and comprehension of reading materials. Students are placed in academic skills courses at various levels based upon results of the CSI placement test.

**Academic Development Center**  
**Meyerhoeffer Building 2nd Floor**  
**Phone: (208) 732-6530**  
**Toll Free ID/NV: (800) 680-0274, Ext. 6530**  
**FAX: (208) 736-3029**

## 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/Developmental Language Arts**  
**College-level ESL Program Coordinator**  
**Phone: (208) 732-6535**  
**Office: GRM/ADC 202A**  
**Email: RBJensen@csi.edu**

## ADULT BASIC EDUCATION ESL/ABE/GED

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.

**Academic Development Center**  
**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)

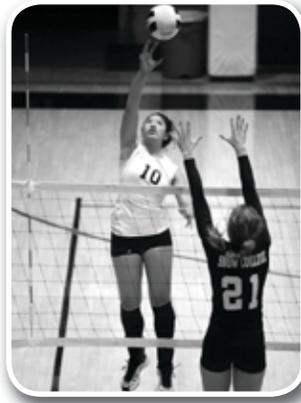
## TECH PREP

Tech Prep 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 Tech Prep, ask your high school counselor or professional technical teacher or contact the College Tech Prep office at the College of Southern Idaho.

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

## ATHLETICS



At the College of Southern Idaho, winning is expected. Like the rich history of its six sports programs, championships are a tradition. The Golden Eagles have brought home 18 national championship trophies, 82 regional championships and have arguably the most successful overall athletic program in the National Junior College Athletic Association and the National Intercollegiate Rodeo Association.

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.



Cheerleading tryouts are conducted annually in April. All candidates must be full-time CSI students and maintain a minimum cumulative grade point average of 2.0. All candidates

must attend tryouts and those selected must attend established "course time" as well. Cheerleaders are eligible to earn one credit each term. Cheerleaders receive scholarships.

**Julie Wright-Leggett**  
**Instructor, Physical Education**  
**Phone: (208) 732-6472**  
**Office: Gym 133**  
**Email: [jwright@csi.edu](mailto:jwright@csi.edu)**

### Dance Team

Always crowd favorites, 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. All candidates must attend annual tryouts held in April. Dance team members are chosen by a selection committee. Those selected must attend established class time and all basketball games. Members must participate in fundraising and other projects sponsored by the dance team. Dance team members are eligible for one credit each term.

**Julie Wright-Leggett**  
**Instructor, Physical Education**  
**Phone: (208) 732-6472**  
**Office: Gym 228**  
**Email: [jwright@csi.edu](mailto:jwright@csi.edu)**

## 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 CSI Jazz Ensemble is made up primarily of both music-and-non-music major CSI students. It rehearses once a week and performs two concerts per year. It is under the direction of Paul Pugh, assisted by Gene Conley, and may also be taken for either credit or 0-credit per semester.

## Pep Band

The CSI Pep Band performs for all home basketball games, as well as for selected away games, including regional and national tournaments. The Pep Band rehearses once a week. Membership is by permission of the director and normally may be taken only for credit. Members of the Pep Band may be eligible to receive a substantial scholarship.

## Percussion Ensemble

The CSI Percussion Ensemble is open to both music majors and non-majors, and is also directed by Gene Conley. While the ability to read music is required, previous experience playing percussion instruments is not. The Ensemble rehearses twice a week and performs two concerts per year, playing a wide variety of styles. It is only available for credit.

## 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 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 standard, serious choral literature intended for smaller choirs. It is directed by Carson Wong and rehearses five days a week. It is available for both credit and 0-credit.

## Madrigal Ensemble

The CSI Madrigal Ensemble is a very small group that performs vocal chamber music, including madrigals and popular selections. It is directed by Serena Jenkins Clark and rehearses three days a week. Membership is by audition, and is available only for credit. Member of the Madrigal Ensemble must also be concurrently registered for credit and in good standing in the Chamber Choir.

## 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.

## 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.

## 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 12 credits or more with a minimum cumulative grade point average of 3.0 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.

## 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, Taylor Building, #202**  
**PO Box 1238**  
**Twin Falls, ID 83303-1238**  
**Phone: (208) 732-6442**  
**FAX: (208) 736-3015**  
**<http://communityed.csi.edu>**

## WORKFORCE TRAINING

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 in the workplace, the classroom, or online. Training programs can be customized to meet the needs of employers.

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

For more information about workforce training at CSI or assistance in planning short-term training, please contact Dr. John Miller at (208) 732-6280 or [jmiller@csi.edu](mailto:jmiller@csi.edu)

## 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)**

## 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**

## 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 [csi.edu/herrett](http://csi.edu/herrett)

## 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).

## 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.

For hours of operation and additional information on the testing center visit our Web site at: [csi.edu/ip/adc/testing](http://csi.edu/ip/adc/testing)

## BOOKSTORE

The CSI Bookstore is located on the main floor of the Student Union Building (SUB). Students can buy their books, supplies, software, CSI/Eagles T-shirts, sweatshirts, and other gift items.

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**  
**Website: [csibookstore@csi.edu](mailto:csibookstore@csi.edu)**

## CHILD CARE CENTER

The College of Southern Idaho Child Care Center offers a high quality early childhood program, along with a safe nurturing environment, while promoting physical, social, emotional, and intellectual development of young children. Program services are provided for children of students, faculty and staff.

The on campus Center is state licensed to provide services to children ages six months to kindergarten. Certified trained teachers provide a planned daily early childhood curriculum, with learning activities and environment that are developmentally appropriate for each age group. The Center staff maintains current First Aid/CPR certification. 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.

**Child Care 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:**

<http://education.csi.edu/TE/earlyChildhood.asp>

**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.



**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.



**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.

**EAGLE 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 from the Student Activities Office or online at [www.csi.edu/housing](http://www.csi.edu/housing). To reserve a room, submit the application and a \$100 security deposit to the Student Activities Office. 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.

## HOUSING (OFF CAMPUS)

A list of available off campus housing, including apartments, dorm rooms, houses, rooms in homes, and roommates wanted, is available in the Student Activities Office. It is the student's responsibility to determine the suitability of these housing options since the college is not affiliated with off campus housing providers.

## 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, Information Technology, and Community Education.

## 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)**

## COLLEGE OF SOUTHERN IDAHO (CSI) / COLLEGE OF WESTERN IDAHO (CWI) PARTNERSHIP



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 CSI transcripts and are transferable to four year institutions, subject to the specific policies of those institutions.

# BECOMING A STUDENT

- Admission
- Advising
- Placement Testing
- Registration
- Tuition and Fees
- Residency Status
- Financial Aid and Scholarships
- Records
- Graduation
- Student Code of Conduct & Other Policies



## ADMISSION

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

### Becoming a CSI student is easy.

Just follow these steps.

### Degree-Seeking Students

Students who intend to earn a degree from CSI must have completed high school or equivalent (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 (Burley, Hailey or Gooding).
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 (Burley, Hailey, or Gooding). 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 and Records Office at (208) 732-6795.

### 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 transcript, 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 (Burley, Hailey, or Gooding).
- \* *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 who are not US citizens, are not resident aliens, and are not refugees. International students have additional requirements.

1. 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.
2. Submit official transcripts from high school, and all colleges attended.
3. TOEFL, ELS or the CSI ESL placement exam may be required of students who are not native English speakers.
4. Request a certification of finances and a bank statement in US dollars. This must be sent directly from your bank to the College.

The College of Southern Idaho provides an International Student Advisor who serves as an advisor to all non-United States citizens who are attending CSI on an F-1 student visa. This advisor is located in the Taylor Building and can be contacted at (208) 732-6383.

The International Student Advisor provides educational advising, information on housing, and host American families; advises on Immigration and Naturalization Service's rules and regulations; and serves as a liaison between the local community and the international students.

For more information, visit <http://www.csi.edu/international>

## ADVISING

Advising services are available to all students and community members interested in attending CSI. As part of the advising process, major advisors assist students with the development of educational plans through communication, information exchanges, and degree progress review.

First semester, undecided, and Liberal Arts majors should work closely with Advising Center staff.

Students are highly encouraged to discuss their educational plans with their major advisors before registering for courses. For more information on the advising services available, please contact the Advising Center at (208) 732-6250 or [advising@csi.edu](mailto:advising@csi.edu).

## Advising Center

The mission of the **Advising Center**, in partnership with faculty and staff, is to provide educational planning resources and advising support services to student advisees and the College community, which foster the development of responsibility and decision-making skills needed to achieve degree and life-long goals. The service areas include the following:

**Educational Advising.** Advising staff provide assistance to first semester students in the selection of a declared major and appropriate courses leading to a degree or certificate. Community members interested in enrichment courses are also encouraged to contact the Advising Center. In addition, the Advising Center provides on-going educational advising to Liberal Arts majors, students who are still deciding on a declared major, and non-degree seeking students.

**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.

**Veterans Services.** Veterans needing assistance with the use of their educational benefits and certifying assistance should contact the Admissions and Records Office. For the degree/certificate advising assistance, students should contact the Advising Center or major advisor.

For more information, visit our website [advising.csi.edu](http://advising.csi.edu), call the Advising Center (208) 732-6250, or consult with an advisor in the Matrix Center, inside the Taylor Administration Building. Office hours are 8:00 a.m. to 5:00 p.m. Mountain Standard Time, Monday through Friday (extended hours and office holiday closures will be posted). No appointment is necessary and individuals are seen on a first-come, first-serve basis.

## 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, 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 for the 2013-2014 college year 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

A **non-matriculated** student is a student who is not currently enrolled in a degree or certificate program.

## 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. Registration is not complete until students have paid tuition and fees for the term for which they are registering.

## 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 encouraged to attend classes even though they will not receive credit or a grade for the class. Regular tuition and fees apply.

Courses taken for Audit do not affect a student's grade point average (GPA) but are counted as part of the academic load. Students can select Audit grade type on the paper registration form when registering or adding a class, or by emailing the Admissions & Records Office 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. 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.

## 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 Instructional Administration.

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 late 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 Admissions & Records 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.

## 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). CSI requires students receiving an associate's

degree to take an English composition course. Students who test out of ENGL 101 and ENGL 102 via the hours by examination process are required to take ENGL 201, Intermediate Expository Composition.

### **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.

## **Credit for Prior Learning (CPL)**

In order to allow technical division students the ability to gain CPL, students have the option to submit a portfolio detailing the competencies they possess in order to receive either full or partial credit for a class(es) required for either the Postsecondary Certificate, Technical Certificate, or Associate of Applied Science degree options at CSI. The student must enroll in INSS 288 Portfolio Development after receiving permission from the course instructor to gain CPL. An assigned Portfolio Evaluation Team will establish the method by which the student will demonstrate subject matter competency. A student may acquire up to 1/4 of the credits required for a certificate or degree through the CPL method. Students are assessed 20% of the CSI Idaho resident tuition for each credit acquired by CPL. 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 GPA.

## **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.

## **Dual Credit**

Dual credit is an advanced learning opportunity that allows high school students to simultaneously earn credit toward a high school diploma and a postsecondary degree. Credits earned in a dual credit class become part of the student's permanent college record.

## **Tech Prep**

Tech Prep is a combined effort between high schools and the College of Southern Idaho. It provides students with a seamless education that will lead them to the development of a high level of technical career guidance activities in high school. Students are therefore able to receive college credit through articulation agreements between high schools and College of Southern Idaho technical programs. Students are able to accumulate college credits before they leave high school.

To access the alternative credit literature in detail, visit <http://advising.csi.edu/> resources or contact the Admissions and Records Office [records@csi.edu](mailto:records@csi.edu) (208) 732-6795 for more information.

## **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 **will not** be reinstated or re-enrolled 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 **will not** be reinstated or re-enrolled in full-semester classes. However, the student may still enroll in available late start classes (payment will be due at the time of registration).

### Intersession, 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 **will not** be reinstated or re-enrolled if the registration period is closed. 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
\$110 per credit	In-district (\$110 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
\$110 per credit	\$110 per credit	\$110 per credit	\$110 per credit	\$110 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 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 (residents of Boundary, Butte, Elmore, Gem and Power counties must submit a completed Certificate of Residency every Fall and Spring semester). 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.

Based on information provided by the applicant in the application for admission, the Admissions and Records 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 Admissions and Records Office 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 Admissions and Records Office 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 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, will be dropped from all courses without notice.

Students dropped for non-payment **will not** be reinstated. 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 HigherOne card, refunds will be processed through HigherOne. Students who lose or destroy their HigherOne 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.

### Dormitory Housing

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 Student Activities Office at (208) 732-6221 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.

## 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.
- Obtain a PIN (Personal Identification Number) at [www.pin.ed.gov](http://www.pin.ed.gov) and 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 NetPartner 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 NetPartner 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 Semester – July 22nd
- Spring Semester – December 9th
- Summer Semester – May 5th

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 2013-2014 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

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**. The College of Southern Idaho participates in the **Federal Direct Loan Program**: [studentloans.gov](http://studentloans.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. Students receiving this loan have a six month grace period after they cease to be enrolled half-time before they must begin repayment. 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. Students receiving this loan have a six month grace period after they cease to be enrolled half-time before they must begin repayment.

**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.

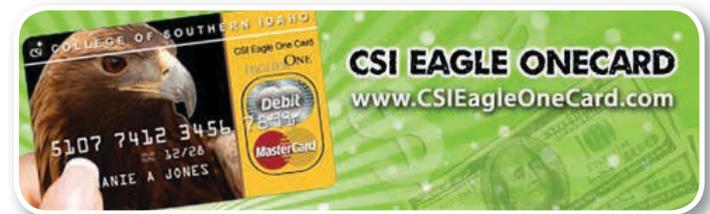
Find more information regarding the CSI Work-Study Program online at: [www.csi.edu/financialaid/workstudy.asp](http://www.csi.edu/financialaid/workstudy.asp) Financial Aid awards are automatically applied toward tuition and fees, room and board. On the second Thursday of a regular semester, CSI disburses financial aid funds in excess of these charges to the student (or borrowing parent in case of Plus loans).

## Financial Aid Disbursements

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 **Higher One**:



An **EagleOne Card** will be mailed to every degree-seeking student who is enrolled in at least one credit course at CSI. Cards are mailed just before the semester begins. Learn about HigherOne and the EagleOne Card before you receive your card. [CSIEagleOneCard.com](http://CSIEagleOneCard.com)

**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 log in to [CSIEagleOneCard.com](http://CSIEagleOneCard.com) to select a refund preference.

Students have three options for refunds:

- Open a OneAccount and start using your EagleOne 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)

## 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.

### 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 scholarship 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 and 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 for all awards offered with the exception of the New Hope, Minority at Risk, Honors Program scholarships, Fine Art Talent Awards, and the Athletic scholarships. Applications and information 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 the CSI Financial Aid Office for details.

## 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 Records Office to prevent the release of directory information. Students may submit a written request to the Records office 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 Admissions and Records Office (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, Phone Number, or Major 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 Admissions and Records Office 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.

When students register online, each semester they have the opportunity to update their personal information (address, phone number, emergency contact, etc.) prior to registration.

Students must ensure that their mailing address is always current and updated at:

- MyCSI
- HigherOne - CSIEagleOneCard.com
- U.S. Postal Service

### 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 Admissions and Records Office, 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.

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.

Requests for official transcripts may be made online through the **National Student Clearinghouse** or in writing to the Admissions and Records Office. 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.



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 of being accessed by the student through **MyCSI**. Official transcripts mailed or picked up are \$7 each; \$10 fee is charged for each faxed transcript. 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. Rush processing is an additional \$10.

The Admissions & Records Office 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 Admissions & Records Office with copies of relevant documentation.

Normal processing time for an official transcript is 1-3 business days.

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 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 general education core and become core certified by CSI. Students who complete the core should request certification from the Admissions & Records office.

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 blue cords at commencement ceremonies.

## Summa Cum Laude Magna Cum Laude Cum Laude

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), not Technical Certificates (TC) or Postsecondary Certificates (PC).

## 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 Admission and Records Office 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 Admissions and Records Office, 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 a written request to Admissions & Records 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) year must have elapsed since the term for which the student is applying Academic Renewal.

- The student must have completed at least 12 graded credits at CSI (pass/fail credits do not count) in four terms or fewer with a cumulative grade point average in the subsequent terms of 2.5 or higher.

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.

## Graduation

**Students must apply for graduation online at [www.csi.edu/graduation](http://www.csi.edu/graduation).** The application for graduation also includes a short exit survey. 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.

## STUDENT CODE OF CONDUCT & OTHER POLICIES

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

Students are expected to be honest in all aspects of their college education. All work is evaluated on the assumption that the work presented is the student's own. Anything less is unacceptable. Students are subject to disciplinary action at the teacher's discretion. Examples of dishonest practice include but are not limited to:

**Cheating** - The improper use of books, notes, other students' tests, or other aids during an examination. It is the responsibility of the student to obtain approval for the use of such aids prior to the time of the examination; otherwise, they will be considered improper. An "examination" is defined as "any testing situation in which the score will be used for credit in a course."

**Plagiarism** - Submission or presentation of a student assignment as one's own in which substantial portions are paraphrased without documentation or are identical to published or unpublished

material from another source (including another student's work). An assignment is defined as "any materials submitted or presented by a student for credit in a course."

Academic dishonesty/misconduct incidents and violations of other academic policies and procedures are not covered under Student Code of Conduct but handled through the **Office of Instruction**.

### Computer Use Policy

Students must become familiar with and abide by the CSI **Computer Use Policy** which outlines acceptable use of computer and information systems and networks provided by the College of Southern Idaho.

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

### 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.

**Monty Arrossa**  
**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.

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, 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.

### Firearms, Explosives, and Weapons

Possession of firearms, explosives, and weapons is strictly prohibited on College premises and at College sponsored activities, except for authorized law enforcement officers and individuals who are under the supervision of law enforcement officers. Violations of this policy are grounds for suspension, expulsion, or termination from the College of Southern Idaho. Students or visitors arriving on campus with firearms in their possession must check them in at Campus Security and may pick them up when leaving campus. Any exception must be approved by Campus Security. Possession and use of fireworks on College premises is prohibited. Occupants of off-campus housing are subject to city, county, and state 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

- New Student Services
- Career & Counseling Services
- Student Disability Services
- Veterans Services
- Multicultural Student Services
- Information Technology
- Learning Assistance Center & Tutoring
- Center For New Directions
- Student Activities
- Student Health Services

## NEW STUDENT SERVICES

New Student Services assists future students by providing information about the college, scheduling campus tours, and making presentations to schools and community groups. The office is located on the second floor of the Student Union Building.

### Campus Visits

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 from 9 a.m. to 4 p.m. weekdays through the New Student Services Office. 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 New Student Services. To learn more about CSI or request information, contact New Student Services:

**New Student Services**  
College of Southern Idaho  
PO Box 1238  
Twin Falls, ID 83303-1238  
Phone: (800) 680-0274 (Idaho & Nevada)  
(208) 732-6221  
FAX: (208) 736-4705  
E-mail: [info@csi.edu](mailto:info@csi.edu)  
Website: <http://www.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.

### 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)

## 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:

**1-800-680-0274 (Idaho & Nevada)**  
**Office: (208) 732-6260**

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**

## 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) 732-6237 or (800) 680-0274, ext. 6237**

## 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 eaglemail.csi.edu



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 and Records, 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.csi.edu](http://mycsi.csi.edu)

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.



## Blackboard – [blackboard.csi.edu](http://blackboard.csi.edu)



Blackboard is CSI's online learning management system (LMS). Many instructors who teach online or hybrid courses utilize Blackboard to post their syllabi, class notes, PowerPoint presentations, handouts, quizzes and tests, grades, etc. Blackboard is also utilized in many traditional face-to-face courses.

## Online Course Evaluations – [evaluation.csi.edu](http://evaluation.csi.edu)

CSI has an online course evaluation system that students can use to provide feedback on their courses. Evaluations open up two weeks before the end date of the course. The last day to fill out an evaluation is the last day of the course. All students enrolled into the course are encouraged to fill out the evaluation. Faculty members use the feedback to continually improve their courses. Evaluations are anonymous and confidential. Faculty members access the results one week after the course is over.

## LEARNING ASSISTANCE CENTER & TUTORING

### 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/>

## 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.

#### Center for New Directions

Twin Falls, ID 83303-1238

Phone: (208) 732-6688

Website: [careers.csi.edu/cnd](http://careers.csi.edu/cnd)

## STUDENT ACTIVITIES

Student Activities 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) 732-6221.

**Housing Services** – Manages the Eagle Residence Hall, maintains on-campus housing records and reservations, and provides a referral service for off-campus housing.

**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.

## 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).

# DEGREE AND CERTIFICATION REQUIREMENTS

- Course Names, Core, and Degree
- Requirements
- Majors
- General Education Core Courses
- Degree And Certificate Requirements



## COURSE NAMES, CORE, AND DEGREE REQUIREMENTS

Name	Description	Department
ACCT	Accounting	Business
ACCB	Accounting/Bookkeeping	Business
ADDS	Addiction Studies	Health Science & Human Services
ADUE	Adult Education, Basic	Academic Development
AGRI	Agriculture	Professional-Technical
AIRC	Air Conditioning, Refrigeration & Heating	Trade & Industry
ALLH	Allied Health	Health Science & Human Services
ANTH	Anthropology	Social Science
AQUA	Aquaculture	Professional-Technical
ARTS	Art	Fine Arts
AUTB	Auto Body Technology	Industry Training Partner
ASEP	Automotive Service Educational Program	Industry Training Partner
BAKE	Baking and Pastry Arts	Business
BIOL	Biology	Biology
BUSA	Business Administration	Business
BUSM	Business Management	Business
CABW	Cabinetmaking/Woodworking	Trade & Industry
CENN	Center for New Directions	Center for New Directions
CHEM	Chemistry	Physical Science
CISA	Computer Information Systems–Applications	Information Technology
CISG	Computer Information Systems–Graphics	Information Technology
CISS	Computer Information Systems–Support	Network Systems Tech/ Information Technology
CISW	Computer Information Systems–Web	Information Technology
COMM	Communication	Fine Arts
COMP	Computer Courses	Professional Studies
COMS	Computer Science	Mathematics, Engineering & Computer Science
CRIJ	Criminal Justice	Social Science
CULA	Culinary Arts	Business
DANC	Dance	Fine Arts
DENA	Dental Assistant	Health Science & Human Services
DENH	Dental Hygiene	Health Science & Human Services
DIET	Diesel Technology	Trade & Industry
DRAT	Drafting Technology	Trade & Industry
EARC	Early Childhood Education	Education
ECON	Economics	Business
EDUC	Education	Education
EDUA	Education Assistant	Education
EMEM	Emergency Medical Technology	Health Science & Human Services

ENGI	Engineering	Mathematics, Engineering & Computer Science
ENGL	English	English/Academic Skills Development
ENGS	English as a Second Language	Academic Skills Development
ENVT	Environmental Technology	Professional-Technical
EQUUS	Equine Studies	Professional-Technical
FINA	Finance	Business
FIRS	Fire Service Technology	Health Science & Human Services
FREN	French	English, Languages & Philosophy
GEOG	Geography	Social & Physical Science
GEOL	Geology	Physical Science
HIST	History	Social Science
HONS	Honors	Honors
HORT	Horticulture	Agriculture
HOSM	Hospitality Management	Business
HUMA	Humanities	English, Languages & Philosophy
HUMS	Human Services	Health Science & Human Services
INDM	Industrial Mechanics	Trade & Industry
INSS	Instructional Support	Professional Studies
INTE	Intensive English	Academic Development
JAPN	Japanese	English, Languages & Philosophy
JOUR	Journalism	English, Languages & Philosophy
LABT	Laboratory Technology	Professional-Technical
LAWE	Law Enforcement	Social Science
LIIS	Library and Information Science	Library and Information Science
MANT	Manufacturing	Trade & Industry
MATH	Mathematics	Mathematics, Engineering & Computer Science
MEDA	Medical Assistant	Health Science & Human Services
MSCI	Military Science	Social Science
MUSA	Music Lessons	Fine Arts
MUSI	Music	Fine Arts
NURA	Nursing Assistant	Health Science & Human Services
NURP	Nursing, Practical	Health Science & Human Services
NURR	Nursing, Registered	Health Science & Human Services
PARA	Paramedic	Health Science & Human Services
PHIL	Philosophy	English, Languages & Philosophy
PHYA	Physical Education Activities	Education
PHYE	Physical Education–Academic	Education
PHYS	Physics	Physical Science
POLS	Political Science	Social Science
PORT	Portuguese	English, Languages & Philosophy
	Professional Studies	Professional Studies
PSYC	Psychology	Social Science
PTAE	Physical Therapist Assistant	Health Science & Human Services
RADT	Radiologic Technology	Health Science & Human Services
READ	Reading	Academic Skills Development
	Short Term Training	Short Term Training
SIGL	American Sign Language	English, Languages & Philosophy
SOCS	Social Science	Social Science
SOCW	Social Work	Social Science
SOCY	Sociology	Social Science
SPAN	Spanish	English, Languages & Philosophy
STUS	Study Skills	Academic Skills Development
SUFA	Surgical First Assistant	Health Science & Human Services
SURT	Surgical Technology	Health Science & Human Services
TECT	Technical Training	Short Term Training
THEA	Theatre	Fine Arts
VETT	Veterinary Technology	Professional-Technical
WATR	Water Resource Mgmt	Professional-Technical
WELD	Welding Technology	Trade & Industry
WIND	Wind Energy Technology	Professional-Technical

## MAJORS

Major	Degree or Certificate	Major Code
Accounting/Bookkeeping*	AAS	4230A
Addiction Studies*	AAS	4415A
Addiction Studies*	TC	4415T
Administrative Assistant*	AAS	4338A
Administrative Assistant*	TC	4338T
Agri-Business*	AAS	4102A
Agri-Business*	TC	4102T
Agriculture*	AA	1100R
Agriculture Science*	AS	1100S
Air Conditioning/ Refrigeration/Heating Technology*	AAS	4500A
Air Conditioning/ Refrigeration/Heating Technology*	PC	4500V
Air Conditioning/ Refrigeration/Heating Technology*	TC	4500T
American Sign Language	AA	1314R
Animal Science*	AAS	4104A
Animal Science*	AS	1103S
Animal Science-Livestock Technician*	TC	4111T
Anthropology	AA	2100R
Aquaculture*	AAS	4115A
Aquaculture*	TC	4115T
Art - Visual	AA	1403R
Auto Body Technology*	AAS	4520A
Auto Body Technology*	TC	4520T
Auto Collision Repair*	PC	4520V
Auto Refinishing* PC	PC	4521V
Automotive Service Educational Program	AAS	4532A
Baking and Pastry Arts*	AAS	4200A
Baking and Pastry Arts*	PC	4200V
Baking and Pastry Arts*	TC	4200T
Biology	AS	1941S
Biology - Health Care	AS	1931S
Biology - Natural Resources	AS	1932S
Business - General	AA	1204R
Business Management/ Entrepreneur*	AAS	4231A

Business Management/ Entrepreneur*	TC	4231T
Cabinetmaking/ Woodworking*	AAS	4540A
Cabinetmaking/ Woodworking*	PC	4540V
Cabinetmaking/ Woodworking*	TC	4540T
Chemistry	AS	2001S
Communication	AA	1410R
Computer Science	AS	1701S
Computer Support Technician*	TC	4330T
Criminal Justice	AA	2101R
Culinary Arts*	AAS	4202A
Culinary Arts*	PC	4202V
Culinary Arts*	TC	4202T
Dance	AA	1440R
Dental Assistant*	TC	4407T
Dental Hygiene*	AAS	4419A
Diesel Technology*	AAS	4562A
Diesel Technology*	TC	4562T
Digital Media*	AAS	4336A
Digital Media*	TC	4336T
Drafting Technology*	AAS	4570A
Drafting Technology*	TC	4570T
Economics	AA	2111R
Ed Assistant - Generalist*	AAS	4689A
Ed Assistant - Generalist*	TC	4689T
Education - Bilingual Elementary	AA	2120R
Education - Early Childhood*	AA	2125R
Education - Early Childhood*	AAS	4680A
Education - Early Childhood- CDA*	PC	4679V
Education - Early Childhood*	PC	4680V
Education - Early Childhood*	TC	4680T
Education - Elementary	AA	2121R
Education - Secondary	AA	2122R
Education - Special	AA	2123R
Emergency Medical Technician*	PC	4408V
Emergency Medical Technician*	TC	4408T

Engineering - Agriculture	AE	1711E
Engineering - Chemical	AE	1712E
Engineering - Civil	AE	1713E
Engineering - Computer	AE	1714E
Engineering - Electrical	AE	1715E
Engineering - Mechanical	AE	1716E
English	AA	1300R
Environmental Technology*	AAS	4120A
Environmental Technology*	TC	4120T
Equine Business Management*	AS	1211S
Equine-Horse Management*	AAS	4110A
Equine-Horse Management*	TC	4110T
Equine Studies*	AA	1102R
Fire Service Technology*	AAS	4590A
Geography	AA	2103R
Geology	AS	2003S
Health Promotion	AA	1800R
History	AA	2104R
Horticulture*	AA	1116R
Horticulture*	AAS	4116A
Horticulture*	AS	1116S
Horticulture*	TC	4116T
Hospitality Management*	AAS	4219A
Hospitality Management*	TC	4219T
Human Services*	AAS	4409A
Human Services*	TC	4409T
Industrial Mechanics Technology*	TC	4585T
Laboratory Assistant*	PC	4114V
Law (Pre)	AA	2105R
Law Enforcement*	AAS	4610A
Law Enforcement*	PC	4610V
Law Enforcement*	TC	4610T
Liberal Arts	AA	1002R
Library and Information Science	AA	1602R

Manufacturing Technology*	AAS	4584A
Manufacturing Technology*	TC	4584T
Mathematics	AS	1720S
Medical Assistant*	TC	4410T
Music	AA	1431R
Network Systems Technician*	AAS	4337A
Nursing - Practical*	TC	4411T
Nursing - Registered	AS	1501S
Paramedic*	AAS	4413A
Paramedic*	TC	4413T
Pharmacy (Pre)	AS	2004S
Physical Education	AA	1801R
Physical Education K-12	AA	2126R
Physical Therapist Assistant*	AAS	4420A
Physics	AS	2005S
Political Science	AA	2106R
Psychology	AA	2107R
Radiologic Technology*	AAS	4414A
Social Work	AA	2112R
Sociology	AA	2109R
Spanish	AA	1315R
Surgical First Assistant*	AAS	4417A
Surgical Technology*	AAS	4412A
Surgical/Central Sterile Processing Tech*	PC	4412V
Theatre	AA	1421R
Veterinary Technology*	AAS	4112A
Water Resource Mgmt*	TC	4113T
Water Resource Mgmt*	PC	4113V
Web Developer*	AAS	4339A
Welding Technology*	AAS	4661A
Welding Technology*	PC	4661V
Welding Technology*	TC	4661T
Wind Energy Technology*	AAS	4119A
Wind Energy Technology*	TC	4119T

AA – Associate of Arts

AS – Associate of Science

AAS – Associate of Applied Science

AE – Associate of Engineering

TC – Technical Certificate

PC – Postsecondary Certificate

\* Additional Program Admission Requirements in place

## GENERAL EDUCATION CORE COURSES

### Comprehensive Goal of General Education

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.

The general education core is required for programs leading to a professional-technical certificate or a two-year degree at the College of Southern Idaho. This core serves to equip students with the skills, knowledge, and awareness needed to communicate effectively, make informed decisions, and contribute to the global community as lifelong learners. These abilities will help students lead enriched, productive and responsible lives, which is an integral component of the College of Southern Idaho mission.

The College of Southern Idaho believes that the preparation of educated, literate people for careers and participation in society must include a strong foundation of knowledge from a broad framework of educational domains. To satisfy the general education core requirement at CSI, students must complete coursework from the following six areas:

**Communication Goal:** To enhance the student's ability to communicate clearly, correctly, logically, and persuasively in spoken English.

**English Goal:** To gain experience in the process of writing essays, to evaluate, to communicate clearly, and to incorporate and cite sources.

**Humanities Goal:** To comprehend the human experience as it has been portrayed and amplified through the visual arts, performing arts, languages, literature, and philosophy.

**Mathematics Goal:** To gain an understanding of mathematics as a language in which to express, define, and answer questions about the world.

**Science Goal:** To gain an understanding of the world through natural sciences.

**Social Science Goal:** To understand, interpret, and apply knowledge for evaluating and valuing human behavior in its anthropological, economic, geographical, historical, political, psychological, and sociological contexts.

Communication AA, AS, AAS		2-3
COMM 101	Fundamentals of Oral Communication	3
English AA & AS		6
AAS		3
ENGL 101	English Composition 1	3
ENGL 102	English Composition 2	3
Humanities AA & AS (Languages 8cr max)		6-12
ARTS 101	Art History 1	3
ARTS 102	Art History 2	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

Mathematics AA & AS	3-5	
AAS	3	
MATH 123	Math in Modern Society	3
MATH 130	Finite Math	4
MATH 143	College Algebra	3
MATH 147	Precalculus	5
MATH 160	Brief Calculus	4
MATH 170	Calculus 1	5
MATH 253	Elementary Statistics	3

Science (2 courses / 1 lab)	7-12	
AGRI 180	Food System Science	4
BIOL 100	Concepts of Biology	4
BIOL 120	Environmental Science	4
BIOL 201	Biology 1	4
BIOL 202	Biology 2	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

<b>Social Science AA &amp; AS</b>	<b>6-12</b>
<b>(2 different disciplines) AAS</b>	<b>3</b>
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

## 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	36
Communication	3
English	6
Humanities (Languages 8cr max)	6-12
Mathematics	3-5
Science (2 courses with 1 lab course)	7-12
Social Science (2 different disciplines)	6-12
PHYE 155 Health & Wellness or 2 PHYA/DANC activities	2-3
<b>Total Hours Required for this Degree</b>	<b>64</b>

Associate of Science	Hours
General Education Hours	36
Communication	3
English	6
Humanities (Languages 8cr max)	6-12
Mathematics	3-5
Science (2 courses with 1 lab course)	7-12
Social Science (2 different disciplines)	6-12
<b>Total Hours Required for this Degree</b>	<b>64</b>

Associate of Applied Science	Hours
General Education Hours	16
Communication	3
English	3
Mathematics	3
Social Science	3
Other Gen. Ed. Courses	4
<b>Total Hours Required for this Degree</b>	<b>64</b>

Technical Certificate	Hours
General Education Hours	9
Communication or English	3
Mathematics	3
Social Science	3
<b>Total Hours Required for this Certificate</b>	<b>28-51</b>

Postsecondary Certificate	Hours
<b>Total Hours Required for this Certificate</b>	<b>8-27</b>

### 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.

### English Composition

The College of Southern Idaho requires that students receiving an Associate of Arts or Science degree (A.A. or A.S.) take an English composition course. Students who earn credit by exam for ENGL 101 and ENGL 102 are required to take ENGL 201, Intermediate Expository Composition.

### Computer Literacy Requirement

The College of Southern Idaho recognizes and advocates the critical need for computer literacy. Basic computer literacy at CSI is defined as a demonstrated ability to use technology to access, manipulate, evaluate, use and present information.

Any students graduating with an Associate Degree (AA, AAS, AE, and AS) must demonstrate computer competency before they graduate, and it is **strongly** suggested that such proficiency be demonstrated within the first 15 credits hours of coursework.

1. Pass the Computer Skills Assessment with a score of 70% or better in all four areas. The first attempt is covered by student fees and may be taken without charge an unlimited number of times in a 30 day period. After 30 days, students will be charged a nominal fee for each retake. **There is a 24 hour waiting period for each retake.**
2. If one or more parts of the Assessment are not passed with a 70% or better, students may choose to complete an equivalent class. An example of this is a student passes the word processing and presentation section but not the spreadsheet section, the student may then enroll in the Introduction to Spreadsheet class. With a grade of C or better in that class, the student has then demonstrated competency in all four areas since assessment Equivalent classes are:
  - a. CISA 141 Introduction to Word Processing (1 credit)
  - b. CISA 115 Introduction to Excel (1 credit)
  - c. CISA 135 Introduction to Presentation Software (1 credit)
  - d. CISA 130 Introduction to Windows (1 credit)

Students will be exempt from this testing requirement if they have completed any course listed below with a grade of C or better. **Students earning a D grade will receive credit for the class but will need to either repeat the class or complete the CSA exam to meet the graduation requirement.**

Course	Requirement Met
CISA 101	Word Processing, Spreadsheet, Presentation, Windows
BUSA 215	Word Processing, Spreadsheet, Presentation, Windows
EDUC 215	Word Processing, Spreadsheet, Presentation, Windows
VETT 103	Word Processing, Spreadsheet, Presentation, Windows
CISA 145	Word Processing, Spreadsheet, Presentation, Windows

Students will be required to demonstrate competency in all four sections prior to applying for graduation from the College of Southern Idaho.

A list of objectives and more information about Computer Literacy can be found at <http://computerliteracy.csi.edu>.

### 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 maintained "continuous enrollment," or enrolled in credit classes at CSI for at least one term per academic year, 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 Admissions and Records Office.

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 and submit it to the Admissions and Records Office 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.

**Either the college or the program may find it necessary to update requirements for students who have been enrolled at CSI or in a particular program for a period of five years or more.** Substitutions for discontinued courses or program requirements may be authorized or required by the proper college authorities.

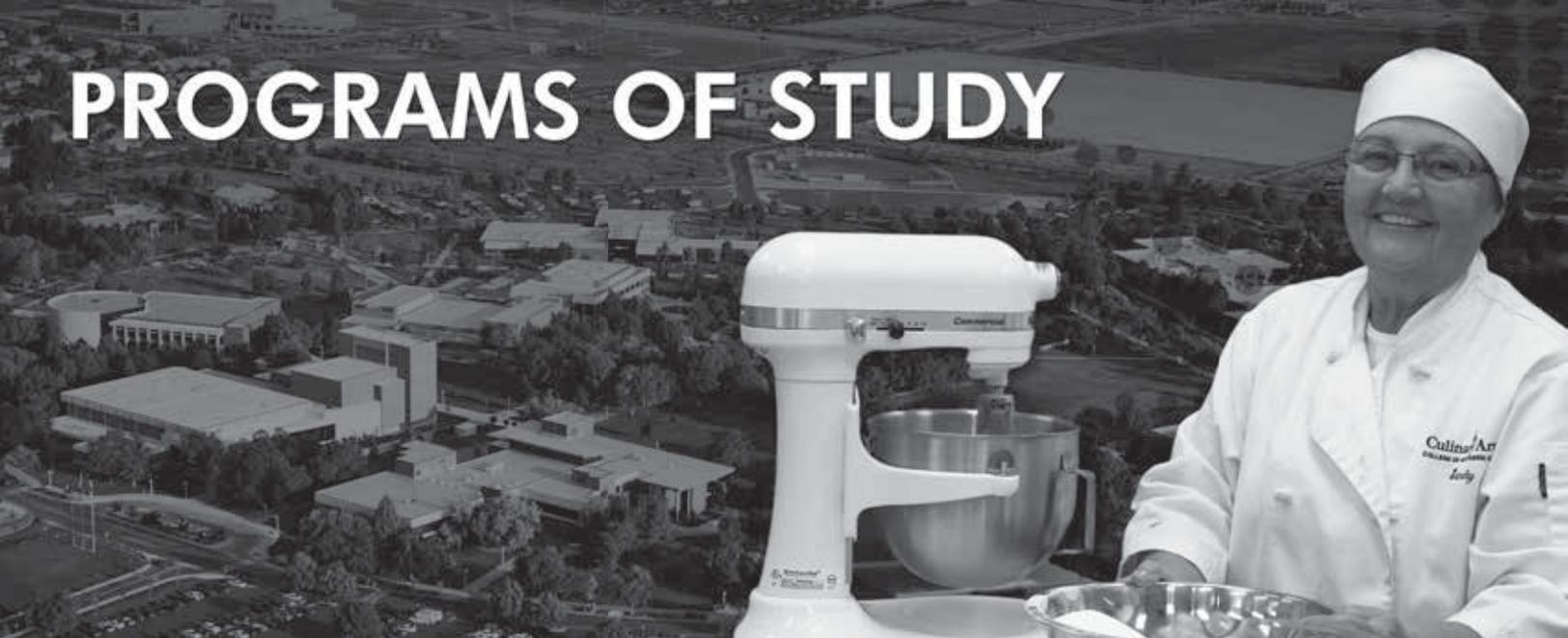
All requirements for graduation outlined in the applicable catalog must be met before the degree or certificate is awarded. Students need to follow the catalog in its entirety - they may not elect to follow different catalogs for their general education requirements and for their major program requirements.

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.

# PROGRAMS OF STUDY



## ACCOUNTING/BOOKKEEPING

Associate of Applied Science

**Major Code:** 4230A

**Contact:** Cindy Harmon, (208) 732-6319  
charmon@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 both QuickBooks Pro and Peachtree accounting software. 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>

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
ACCB 129	Introduction to Bookkeeping	5
ACCB 130	Principles of Bookkeeping*	5
ACCB 224	Payroll Accounting*	3
ACCB 225	PeachTree Accounting*	4
ACCB 226	Accounting for Decision Making*	3
ACCB 227	Excel Spreadsheet Applications*	5
ACCB 229	QuickBooks Pro Accounting*	4
ACCB 230	Income Tax	4
ACCB 240	Certified Bookkeeping Course	3
BUSA 215	Introduction to Information Science	3
BUSM 150	Human Relations in Supervision	3
CISA 110	Ten Key Skills*	1

CISA 116	Spreadsheet Applications*	3
CISA 142	Document Processing	3

**Total Credit Hours Required for this Major:** 65

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## ADDICTION STUDIES

Associate of Applied Science

**Major Code:** 4415A

**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>

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
ADDS 190	Alcohol/Drugs & Society	3
ADDS 201	Pharmacology of Psychoactive Drugs	3
ADDS 202	Alcohol, Drugs & the Family	3
ADDS 203	Screening & Assessment	3
ADDS 204	Counseling Skills 1	3
ADDS 205	Case Management	3
ADDS 206	HIV/STD & Other Diseases	3
ADDS 207	Ethics for Addiction Counselors	2
ADDS 250	Field Placement/Practicum	4
ALLH 202	Introduction to Allied Health	2
HUMS 101	Introduction to Human Services	3
HUMS 103	Intentional Interviewing Tech	2
HUMS 105	Understand the Helping Relationship	2
HUMS 202	Group Dynamics Leadership	2
ELEC ANY	Electives: Bring Total to 64 Credits	10

Course	Course Title	Cr Hrs
<b>Recommended Elective Courses</b>		
ADDS 101	Substance Abuse Prevention Theory	3
ALLH 230	Healthy Aspects of Aging	3
BIOL 120	Environmental Science	4
PSYC 101	General Psychology	3
SOCY 101	Introduction to Sociology	3

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

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

### Technical Certificate

**Major Code: 4415T**

**Contact: Mary Feis-Christy, (208) 732-6713  
mchristy@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</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
ADDS 190	Alcohol/Drugs & Society	3
ADDS 201	Pharmacology of Psychoactive Drugs	3
ADDS 202	Alcohol, Drugs & the Family	3
ADDS 203	Screening & Assessment	3
ADDS 204	Counseling Skills 1	3
ADDS 205	Case Management	3
ADDS 206	HIV/STD & Other Diseases	3
ADDS 207	Ethics for Addiction Counselors	2
ADDS 250	Field Placement/Practicum	4
HUMS 101	Introduction to Human Services	3
HUMS 202	Group Dynamics Leadership	2

Course	Course Title	Cr Hrs
<b>Recommended Elective Courses</b>		
ADDS 101	Substance Abuse Prevention Theory	3
PSYC 101	General Psychology	3
SOCY 101	Introduction to Sociology	3

**Total Credit Hours Required for this Major: 41**

\*Prerequisite or corequisite required.

## ADMINISTRATIVE ASSISTANT

Associate of Applied Science

**Major Code: 4338A**

**Contact: Lori Garnand, (208) 732-6317  
lgarnand@csi.edu**

The program is designed to prepare students with an understanding of the technical and human relation skills necessary for a position in any office. There are additional admissions requirements for this program. Please contact the advisor listed or the Advising Center for more information.

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

### Fall Semester Freshman Year

Course	Course Title	Credits
ACCB 129	Introduction to Bookkeeping	5
CISA 101	Computer Literacy Skills Development	3
CISA 104	Business Writing (Fall Only)	3
CISA 110	Ten Key Skills	1
ENGL 101	English Composition	3

**Total 15**

### Spring Semester Freshman Year

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

**Total 15**

Students completing the first two semesters have earned and should apply for the Administrative Assistant Technical Certificate.

### Fall Semester Sophomore Year

Course	Course Title	Credits
BUSA 101	Introduction to Business	3
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	4

**Total 19**

### Spring Semester Sophomore Year

Course	Course Title	Credits
CISA 107	Communicating with Technology (Spring Only)	3
CISA 231	Internship 1	3
CISG 204	Copy Editing	3
CISA 245	Office Tehnology Integration (Spring Only)	3
HOSM 174	Customer Service & Conflict Resolution	3

**Total 15**

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

\*Prerequisite or corequisite required.

Your Advisor can determine the best course of action to help you achieve your career goal and assist you in developing a degree plan. If you are a student who is enrolling in the spring semester please see your advisor as soon as possible so that you get enrolled in the correct courses to help you complete your degree in the desired amount of time.

Additional information can be found at  
[http://i.csi.edu/office\\_technology/index.asp](http://i.csi.edu/office_technology/index.asp)

*Students will complete a Technical Skills Assessment or demonstrate program competency.*

### Technical Certificate

**Major Code:** 4338T  
**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. There are additional admissions requirements for this program. Please contact the advisor listed or the Advising Center for more information.

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

#### Fall Semester Freshman Year

Course	Course Title	Credits
ACCB 129	Introduction to Bookkeeping	5
CISA 101	Computer Literacy Skills Development	3
CISA 104	Business Writing (Fall Only)	3
CISA 110	Ten Key Skills	1
ENGL 101	English Composition	3
<b>Total</b>		<b>15</b>

#### Spring Semester Freshman Year

Course	Course Title	Credits
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.*

Your advisor can determine the best course of action to help you achieve your career goal. Please see your advisor to complete your degree plan. If you are a student who is enrolling in the spring semester please see your advisor as soon as possible so that you get enrolled in the correct courses to help you complete your degree in the desired amount of time.

Additional information can be found at  
[http://it.csi.edu/office\\_technology/index.asp](http://it.csi.edu/office_technology/index.asp)

*Students will complete a Technical Skills Assessment to demonstrate program competency.*

### AGRI-BUSINESS

#### Associate of Applied Science

**Major Code:** 4102A  
**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>

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
ECON 202	Principles of Microeconomics	3
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
AGRI 104	Agriculture Management	4
AGRI 109	Principles of Animal Science	3
AGRI 109L	Principles of Animal Science Lab*	1
AGRI 126	Fundamentals of GIS	3
AGRI 155	Introduction to GPS	2
AGRI 160	Introduction to Agriculture Selling	3
AGRI 205	General Soils*	3
AGRI 205L	General Soils Lab*	1
CHEM GE	Any Gen. Ed. Chemistry Course	4
CISA 101	Computer Literacy Skill Development	3
WATR 140	Irrigation Systems	3
ELEC ANY	Electives: Bring Total to 64 Credits	18

#### Recommended Elective Courses

AGRI	Any Agriculture Course
BIOL	Any Biology Course
CHEM	Any Chemistry Course
GEOL	Any Geology Course
VETT	Any Veterinary Tech Course
WATR	Any Water Resource Course

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

*\*Prerequisite or corequisite required*

*Computer literacy requirement must be completed.*

### Technical Certificate

**Major Code:** 4102T  
**Contact:** Jim Wilson, (208) 732-6403  
 jwilson@csi.edu

This program allows students to be employed at a variety of agriculture related jobs. With the addition of more general education courses, students could transfer to a university and receive a bachelor's degree program.

Course	Course Title	Cr Hrs
<b>Required Courses</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
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
AGRI 104	Agriculture Management	4
AGRI 109	Principles of Animal Science	3
AGRI 109L	Principles of Animal Science Lab	1
AGRI 160	Introduction to Agriculture Selling	3
WATR 140	Irrigation Systems	3
ELEC ANY	Electives: Bring Total to 30 Credits	3

#### Recommended Elective Courses

AGRI	Any Agriculture Course	3
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**Total Credit Hours Required for this Major:** 30

*\*Prerequisite or corequisite required*

## AGRICULTURE

### Associate of Arts

**Major Code:** 1100R

**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH 143	College Algebra	3
CHEM 101	Introduction to Chemistry	4
BIOL GE	Any Gen Ed Biology	4
ECON 202	Principles of Microeconomics	3
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
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 126	Fundamentals of GIS	3
AGRI 155	Introduction to GPS	2
AGRI 160	Introduction to Agriculture Selling	3
AGRI 205	General Soils*	3
AGRI 205L	General Soils Lab*	1
AGRI 250	Agricultural Markets	3
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2
ELEC ANY	Electives: Bring Total to 64 Credits	2-3
<b>Total Credit Hours Required for this Major</b>		<b>64</b>

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## AGRICULTURE SCIENCE

### Associate of Science

**Major Code:** 1100S

**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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

HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH 143	College Algebra	3
BIOL 201	Biology	4
CHEM 111	Principles of Chemistry	5
SOCS GE	Any Gen. Ed Soc. Science Course	3
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	3
AGRI	Any Agriculture Course	8
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
WATR	Any Water Resource Course	3
ELEC ANY	Electives: Bring Total to 64 Credits	5

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

*\* Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## AIR COND - REFRIG & HEAT

### Associate of Applied Science

**Major Code:** 4500A

**Contact:** David Wyatt, (208) 732-6323  
dwyatt@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>

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
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
ELEC ANY	Electives: Bring Total to 64 Credits	7

#### Recommended Elective Courses

AIRC 285	Cooperative Education	1-8
CISA 101	Computer Literacy Skill Development	3

*Computer literacy requirement must be completed.*

#### Additional 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.

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

*\* Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

### Technical Certificate

**Major Code:** 4500T  
**Contact:** David Wyett, (208) 732-6323  
 dwyett@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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
<b>Select from the following:</b>		<b>19-23</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>Recommended Elective Courses</b>		
CISA 101	Computer Literacy Skill Development	3
<b>Total Credit Hours Required for this Major:</b>		<b>28-32</b>

\*Prerequisite or corequisite required

### Postsecondary Certificate

**Major Code:** 4500V  
**Contact:** David Wyett, (208) 732-6323  
 dwyett@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses (choose 8-27 of the following):</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>

### AMERICAN SIGN LANGUAGE

#### Associate of Arts

**Major Code:** 1314R  
**Contact:** Dawnette Reis, (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.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
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	2
SIGL 101	American Sign Language 1	4
SIGL 102	American Sign Language 2*	4
SIGL 111	Introduction to Hearing Science	3
SIGL 201	American Sign Language 3*	4
SIGL 202	American Sign Language 4*	4
SIGL 203	Fingerspelling and Numbers*	3
SIGL 204	Signing Seminar*	3
SIGL 213	Creative Sign Language*	3
SIGL 220	Deaf Culture and Community*	3
SIGL 298	American Sign Language Linguistics*	3
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2
<b>Total Credit Hours Required for this Major:</b>		<b>64-65</b>

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

### ANIMAL SCIENCE

#### Associate of Science

**Major Code:** 1103S  
**Contact:** Dr. Barry Pate, (208) 732-6415  
 bpate@csi.edu

The Associate of Science degree in Animal Science (AS) provides the same basic education as the AAS Animal Science degree, with the addition of a set of general education requirements that result in Idaho core certification.

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

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	2nd Gen. Ed. Humanities Course	3
BIOL 201	Biology 1	4
CHEM 101	Introduction to Chemistry*	4
ECON 202	Principles of Microeconomics	3
MATH 143	College Algebra*	3
SOCS GE	Any Gen. Ed. Social Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
ELEC GE	Any additional Gen. Ed. credits	4

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 222	Animal Reproduction & Breeding*	3
AGRI 250	Agricultural Markets	3
AGRI 253	Animal Evaluation*	3
AGRI 271	Animal Anatomy & Physiology	4
ELEC ANY	Electives: Bring Total to 64 credits	5

**Recommended Elective Courses**

AGRI	Any Agriculture course
AQUA	Any Aquaculture course
EQUUS	Any Equine Studies course
HORT	Any Horticulture course
WATR	Any Water Resource Management course

**Total Credit Hours Required for this Major: 64***\*Prerequisite or corequisite required.**Computer literacy requirement must be completed.***Associate of Applied Science****Major Code: 4104A****Contact: Dr. Barry Pate, (208) 732-6415  
bpate@csi.edu**

The Associate of Applied Science degree in Animal Science (AAS) 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>

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
BIOL 201	Biology 1	4
ECON 202	Principles of Microeconomics	3
MATH GE	Any Gen. Ed. Math Course	3
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 158	Applied Animal Nutrition	4
AGRI 222	Animal Reproduction & Breeding*	3
AGRI 250	Agricultural Markets	3
AGRI 253	Animal Evaluation*	3
AGRI 271	Animal Anatomy & Physiology	4
ELEC ANY	Electives: Bring Total to 64 credits	21

**Recommended Elective Courses**

AGRI	Any Agriculture course
AQUA	Any Aquaculture course
EQUUS	Any Equine Studies course
HORT	Any Horticulture course
WATR	Any Water Resource Management course

**Total Credit Hours Required for this Major: 64***\*Prerequisite or corequisite required.**Computer literacy requirement must be completed.***ANIMAL SCIENCE-LIVESTOCK TECHNICIAN****Technical Certificate****Major Code: 4111T****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>

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
ECON 202	Principles of Microeconomics	3
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 158	Applied Animal Nutrition	4
AGRI 222	Animal Reproduction & Breeding	3
AGRI 250	Agricultural Markets	3
AGRI 253	Animal Evaluation	3

**Total Credit Hours Required for this Major: 32****ANTHROPOLOGY****Associate of Arts****Major Code: 2100R****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.

Course	Course Title	Cr Hrs
<b>Required Courses</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

HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
ANTH 101	Physical Anthropology	3
ANTH 102	Cultural Anthropology	3
ANTH 103	Introduction to Archaeology	3
ANTH 238	Native Peoples of North America	3
GEOG 200	World Regional Geography	3
HIST 101	Western Civilization 1	3
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2
SOCY 101	Introduction to Sociology	3
ELEC ANY	Electives: Bring Total to 64 Credits	14-15

**Recommended Elective Courses**

GEOL 102	Historical Geology	4
MATH 143	College Algebra*	3
MATH 253	Elementary Statistics*	3

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

\* Prerequisite or corequisite required.  
Computer literacy requirement must be completed.

**AQUACULTURE**  
Associate of Applied Science

**Major Code: 4115A**  
**Contact: Steve Rivas, (208) 733-3972 hatchery (please allow 10+ rings for answer) srivas@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>

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
AQUA 101	Fisheries Management 1	4
AQUA 102	Diseases of Fish 1	3
AQUA 103	Fish Nutrition 1	3
AQUA 104	Practicum 1	3
AQUA 201	Fisheries Management 2	4
AQUA 202	Diseases of Fish 2	3
AQUA 203	Fish Nutrition 2	3
AQUA 204	Practicum 2	3
CISA 101	Computer Literacy Skill Development	3
CISA 116	Spreadsheet Applications*	3
ELEC ANY	Electives: Bring Total to 64 Credits	16

**Recommended Elective Courses**

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

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

\*Prerequisite or corequisite required.  
Computer literacy requirement must be completed.

**Technical Certificate**

**Major Code: 4115T**  
**Contact: Steve Rivas, (208) 733-3972 hatchery (please allow 10+ rings for answer) srivas@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</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
AQUA 101	Fisheries Management 1	4
AQUA 102	Diseases of Fish 1	3
AQUA 103	Fish Nutrition 1	3
AQUA 104	Practicum 1	3
AQUA 201	Fisheries Management 2	4
AQUA 202	Diseases of Fish 2	3
AQUA 203	Fish Nutrition 2	3
AQUA 204	Practicum 2	3
CISA 101	Computer Literacy Skill Development	3
CISA 116	Spreadsheet Applications*	3

**Total Credit Hours Required for this Major: 41**

\*Prerequisite or corequisite required.

**ART - VISUAL**  
Associate of Arts

**Major Code: 1403R**  
**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.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
ARTS 101	Art History 1	3
ARTS 102	Art History 2	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
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
ARTS 105	Design 1	3
ARTS 106	Design 2	3
ARTS 109	Drawing 1	3
ARTS 215	Painting 1	3
ARTS 280	Art Portfolio	1
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2
ELEC ANY	Electives: Bring Total to 64 Credits	0-1

**Must select 9 credits from the following 2D courses:**

ARTS 209	Printmaking	3
ARTS 212	Drawing 2	3
ARTS 251	Darkroom Photography 1	3
ARTS 252	Darkroom Photography 2	3
ARTS 253	Digital Photography	3
ARTS 260	Figure Drawing	3
ARTS 275	Painting 2*	3

**Must select 3 credits from the following 3D courses:**

ARTS 225	Ceramics 1	3
ARTS 226	Ceramics 2	3
ARTS 231	Sculpture 1	3

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## AUTO BODY TECHNOLOGY

### Associate of Applied Science

**Major Code: 4520A**

**Contact: Richard Frey, (208) 732-6336**  
rhfrey@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>

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
AUTB 130	Metal Welding & Cutting	3
AUTB 136	Electrical	4

AUTB 150	Auto Body Shop Fundamentals	2
AUTB 151	Panel Repair Replace & Adjustment	4
AUTB 152	Metal Finishing & Body Filling	3
AUTB 155	Plastic & Adhesives	2
AUTB 156	Management & Estimating	1
AUTB 158	Collision Repair Projects	6
AUTB 159	Mechanical & Electrical Components	5
AUTB 163	Painting & Refinishing	4
AUTB 166	Structural Analysis & Damage Repair	6
AUTB 167	Advanced Collision Repair	6
AUTB 268	Individual AB Collision Rep and Ref	6

**Recommended Elective Courses**

AUTB 107	Applied Leadership	1
AUTB 285	Cooperative Education	1-8
BUSM 150	Human Relations in Supervision	3
CISA 101	Computer Literacy Skill Development	3
PHYE 150	First Aid & CPR	2

**Total Credit Hours Required for this Major: 68**

*Computer literacy requirement must be completed.*

**Additional 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.

### Technical Certificate

**Major Code: 4520T**

**Contact: Richard Frey, (208) 732-6336**  
rhfrey@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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
AUTB 130	Metal Welding & Cutting	3
AUTB 136	Electrical	4
AUTB 150	Auto Body Shop Fundamentals	2
AUTB 151	Panel Repair Replace & Adjustment	4
AUTB 152	Metal Finishing & Body Filling	3
AUTB 155	Plastic & Adhesives	2
AUTB 158	Collision Repair Projects	6
AUTB 163	Painting & Refinishing	4

**Recommended Elective Courses**

AUTB 107	Applied Leadership	1
CISA 101	Computer Literacy Skill Development	3
PHYE 150	First Aid & CPR	2

**Total Credit Hours Required for this Major: 37**

*\*Prerequisite or corequisite required.*

### Auto Collision Repair-Postsecondary Certificate

**Major Code: 4520V**

**Contact: Richard Frey, (208) 732-6336**  
rhfrey@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
AUTB 130	Metal Welding & Cutting	3
AUTB 150	Auto Body Shop Fundamentals	2
AUTB 152	Metal Finishing & Body Filling	3

**Total Credit Hours Required for this Major: 8**

### Auto Refinishing-Postsecondary Certificate

**Major Code:** 4521V

**Contact:** Richard Frey, (208) 732-6336  
rhfrey@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
AUTB 150	Auto Body Shop Fundamentals	2
AUTB 152	Metal Finishing & Body Filling	3
AUTB 163	Painting & Refinishing	4
<b>Total Credit Hours Required for this Major:</b>		<b>9</b>

### AUTOMOTIVE SERVICE EDUCATIONAL PROGRAM

Associate of Applied Science

**Major Code:** 4532A

**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.

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/automotive/>

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

#### Fall Semester Freshman Year

Course	Course Title	Cr Hrs
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>

#### Spring Semester Freshman Year

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>

#### Summer Semester

ASEP 222	Work Experience 2	4
<b>Total</b>		<b>4</b>

#### Fall Semester Sophomore Year

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>

**Total** 18

#### Spring Semester Sophomore Year

ASEP 203	Manual Drive Train & Axle*	4
ASEP 268	Engine Performance 2/Adv Diagnosis*	4
ASEP 202	Automatic Transmission/Transaxle	4
MATH GE	Any Gen. Ed. Math	3
<b>Total</b>		<b>15</b>

**Total** 15

**Total Credit Hours Required for this Major:** 68

*Computer literacy requirement must be completed.*

#### Additional 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.

### BAKING AND PASTRY ARTS

Associate of Applied Science

**Major Code:** 4200A

**Contact:** Susan Ettesvold, CEPC, (208) 732-6382  
settesvold@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.

Course	Course Title	Cr Hrs
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<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
BUSM 150	Human Relations in Supervision	3
BAKE 110	Professional Baking and Pastry 1*	6
BAKE 120	Professional Baking and Pastry 2*	6
BAKE 230	Professional Baking and Pastry 3*	6
BAKE 240	Professional Baking and Pastry 4*	6
CULA 150	Food Sanitation	3
CULA 160	Menu Management	3
CULA 170	Food Service Nutrition	3
CULA 180	Food Service Purchasing	3
HOSM 266	Food and Beverage	3

**Select 6 from the following:** 6

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

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

### Technical Certificate

**Major Code: 4200T**

**Contact: Susan Ettesvold, CEPC, (208) 732-6382  
settesvold@csi.edu**

#### Required Courses

Course	Course Title	Cr Hrs
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
BAKE 110	Professional Baking and Pastry 1*	6
BAKE 120	Professional Baking and Pastry 2*	6
CULA 150	Food Sanitation	3
CULA 160	Menu Management	3
HOSM 266	Food and Beverage Service	3

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

*\*Prerequisite or corequisite required.*

### Postsecondary Certificate

**Major Code: 4200V**

**Contact: Susan Ettesvold, CEPC, (208) 732-6382  
settesvold@csi.edu**

Course	Course Title	Cr Hrs
BAKE 110	Professional Baking and Pastry 1	6
BAKE 120	Professional Baking and Pastry 2*	6
CULA 150	Food Sanitation	3

**Total Credit Hours Required for this Major: 15**

*\*Prerequisite or Corequisite required*

## BIOLOGY

### Associate of Science

**Major Code: 1941S**

**Contact: Jayson Lloyd, (208) 732-6547  
jlloyd@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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH 147	Precalculus*	5
MATH 253	Elementary Statistics*	3
BIOL 201	Biology 1	4
BIOL 202	Biology 2*	4
BIOL 204	Introduction to Cell Biology*	4
BIOL 209	**General Ecology*	4
or BIOL 250	**General Microbiology*	4
CHEM 111	Principles of Chemistry 1*	5
CHEM 112	Principles of Chemistry 2*	5
PHYS 111	General Physics 1*	4
PHYS 112	General Physics 2*	4
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.*

**Choose from the courses listed below to bring total credits earned to 64-70:**

BIOL 210	Science Literature & Environment*	3
BIOL 209	**General Ecology*	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
ENGL 202	Technical Communication*	3
MATH 160	Brief Calculus*	4
MATH 170	Calculus 1*	5
MATH 175	Calculus 2*	4

**Total Credit Hours Required for this Major: 64-70**

*\*Prerequisite or corequisite required.*

*\*\*Some transfer institutions may require both of these courses.*

*Check with your transfer institution for program requirements.*

*Computer literacy requirement must be completed.*

## BIOLOGY - HEALTH CARE

### Associate of Science

**Major Code: 1931S**

**Contact: Jayson Lloyd, (208) 732-6547  
jlloyd@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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH 143	College Algebra*	3
BIOL 201	Biology 1	4
BIOL 202	Biology 2*	4
CHEM 101	Introduction to Chemistry*	4
& CHEM 102	Essentials of Organic & Biochemistry*	5
or CHEM 111	Principles of Chemistry 1*	5
& CHEM 112	Principles of Chemistry 2*	5
PSYC 101	General Psychology	3
SOCS GE	Any Gen. Ed Soc. Science Course	3

**Choose from the courses listed below to bring total credits earned to 64-70:**

**22-29**

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 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 160	Brief Calculus*	4
MATH 170	Calculus 1*	5
MATH 175	Calculus 2*	4
MATH 253	Elementary Statistics*	3
MEDA 109	Pharmacology	2
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: 64-70**

\*Prerequisite or corequisite required.

\*\*Some transfer institutions may require both of these courses. Check with your transfer institution for program requirements. Computer literacy requirement must be completed.

## BIOLOGY - NATURAL RESOURCES

Associate of Science

**Major Code: 19325**

**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH GE	Any Gen Ed Math Course	3
BIOL 201	Biology 1	4
BIOL 202	Biology 2*	4
BIOL 209	General Ecology*	4
CHEM 101	Introduction to Chemistry*	4
& CHEM 102	Essentials of Organic & Biochemistry*	5
or CHEM 111	Principles of Chemistry 1*	5
& CHEM 112	Principles of Chemistry 2*	5
SOCS GE	Any Gen. Ed Soc. Science Course	3
SOCS GE	Any 2nd Gen. Ed Soc. Science Course	3

*Social Science courses must be from 2 different disciplines.*

**Choose from the courses listed below to bring total credits earned to 64-70:**

**18-25**

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 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 160	Brief Calculus*	4
MATH 170	Calculus 1*	5
MATH 253	Elementary Statistics*	3
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: 64-70**

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

### BUSINESS - GENERAL

Associate of Arts

**Major Code: 1204R**

**Contact: Crystal Ayers, (208) 732-6436  
cayers@csi.edu or  
Michael Slagel, 208-732-6453  
mslagel@csi.edu**

Completion of the General Business curriculum is designed to result in an Associate of Arts and meets the general education requirements at all Idaho public universities. Course selection should be coordinated to meet requirements for your intended transfer institution. This program is designed for students pursuing the CPA track.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH 160	Brief Calculus*	4
or MATH 170	Calculus 1*	5
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
ECON 201	Principles of Macroeconomics	3
ECON 202	Principles of Microeconomics	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
ACCT 201	Intro to Financial Accounting*	3
ACCT 202	Intro to Managerial Accounting*	3
BUSA 201	Business Communication*	3
BUSA 207	Bus Statistics for Decision Making 1*	3
BUSA 208	Bus Statistics for Decision Making 2*	3
BUSA 215	Introduction to Information Science	3
BUSA 265	Legal Environment	3

PHYE 155	Health & Wellness	3
or PHYA	2 credits or PHYA/DANC Activities	2
ELEC ANY	Electives: Bring Total to 64 Credits	3-5

**Recommended Electives:**

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
FINA 209	Fundamentals of Investing*	3

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

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.

### BUSINESS MANAGEMENT/ENTREPRENEUR

Associate of Applied Science

**Major Code: 4231A**

**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/)

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
ELEC GE	Any additional Gen. Ed. credits	4
ACCB 129	Introduction to Bookkeeping	5
BUSA 215	Introduction to Information Science	3
BUSM 165	Marketing and E-Commerce	4
BUSM 166	Retailing and Merchandising Management	3
BUSM 181	Human Resources Management	3
BUSA 265	Legal Environment	3
BUSM 150	Human Relations in Supervision	3
BUSM 261	Small Business Management	3
BUSM 262	Business Plan Development	3
BUSM 265	Principles of Project Management	3
BUSM 290	Program Capstone	1
ECON 201	Principles of Macroeconomics	3
<b>Select from the following:</b>		<b>14</b>
ACCB 229	Quickbooks Pro Accounting	4
ACCB 230	Income Taxes Procedures	4
BUSM 170	Collegiate DECA	0-1
BUSM 285	Cooperative Education*	1-3
FINA 102	Personal Finance	3

HOSM 174	Customer Service & Conflict Resolution	3
ELEC	Additional Electives as Approved by Department	1-9

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

### Technical Certificate

**Major Code: 4231T**

**Contact: Robin Bagent, (208) 732-6392  
rbagent@csi.edu**

Course	Course Title	Cr Hrs
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**Required Courses**

COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
ECON 201	Principles of Macroeconomics	3
ACCB 129	Introduction to Bookkeeping	5
BUSA 215	Introduction to Information Science	3
BUSM150	Human Relations in Supervision	3
BUSM 165	Marketing and E-Commerce	4
BUSM 166	Retailing and Merchandising Management	3
BUSM 181	Human Resources Management	3
BUSM 261	Small Business Management	3

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

*\*Prerequisite or corequisite required*

## CABINETMAKING/WOODWORKING

Associate of Applied Science

**Major Code: 4540A**

**Contact: Ken Triplett Jr, (208) 732-6335  
ktriplett@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>

Course	Course Title	Cr Hrs
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**Required Courses**

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
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 160	Door Construction*	2
CABW 163	Drawer Construction*	2
CABW 170	Construction Theory*	3
CABW 175	Box Construction*	3
CABW 176	Installation*	1
CABW 180	Countertops*	2
CABW 189	CNC Computer Applications*	2
CABW 189L	CNC Computer Applications Lab*	2
CABW 205	Finishing, Sanding, & Staining*	3
CABW 207	Applied Leadership*	1
CABW 269	Advanced Projects*	3
CABW 290	Special Construction*	2
CABW 295	Distressed Furniture*	3
ELEC ANY	Electives: Bring Total to 64 Credits	8

**Recommended Elective Courses**

CABW 101	Intro to Woodworking	2
CABW 285	Cooperative Education	1-8

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

*\*Prerequisite or Corequisite required.*

*Computer literacy requirement must be completed.*

**Additional 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.

### Postsecondary Certificate

**Major Code: 4540V**

**Contact: Ken Triplett Jr, (208) 732-6335  
ktriplett@csi.edu**

Course	Course Title	Cr Hrs
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**Required Courses**

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

**Total Credit Hours Required for this Major: 14**

*\*Prerequisite or Corequisite required.*

### Technical Certificate

**Major Code: 4540T**

**Contact: Ken Triplett Jr, (208) 732-6335  
ktriplett@csi.edu**

Course	Course Title	Cr Hrs
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**Required Courses**

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
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 160	Door Construction*	2
CABW 163	Drawer Construction*	2
CABW 170	Construction Theory*	3
CABW 175	Box Construction*	3
CABW 176	Installation*	1
CABW 180	Counter Tops*	2

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

*\*Prerequisite or Corequisite required.*

**Additional 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.

**CHEMISTRY**

Associate of Science

**Major Code: 2001S**

**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH 170	Calculus 1*	5
MATH 175	Calculus 2*	4
CHEM 111	Principles of Chemistry 1*	5
CHEM 112	Principles of Chemistry 2*	5
CHEM 253	Quantitative Analysis*	5
or CHEM 299	Organic Chemistry 2	5
CHEM 298	Organic Chemistry 1*	4
PHYS 211	Physics Scientists & Engineers 1*	5
PHYS 212	Physics Scientists & Engineers 2*	5
SCIG GE	Any Gen. Ed. Science Course	4
SOCS GE	Any Social Science Course	3
SOCS GE2	Any Social Science Course	3

*Social Science courses must be from 2 different disciplines.*

ELEC GE Any additional Gen. Ed. credits 1

**Recommended Elective Courses**

MATH 275 Calculus 3\* 4

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

*\*Prerequisite or Corequisite required.*

*Computer literacy requirement must be completed.*

**COMMUNICATION**

Associate of Arts

**Major Code: 1410R**

**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Social Science Course	3
SOCS GE2	Any 2nd Social Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
ELEC GE	Any additional Gen. Ed. credits	4
COMM 102	Interpersonal Communication	3
COMM 171	Intro to Mass Communication	3
COMM 220	Intercultural Communication	3
COMM 280	Communication Portfolio*	1
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2
ELEC ANY	Electives: Bring Total to 64 Credits	9-10

**Choose six credits from the following:**

*COMM 105 may be repeated for all six credits. COMM 201 and 209 may only be taken one time.*

COMM 105	Intercollegiate Tour Speaking	3
COMM 201	Business and Professional Speaking	3
COMM 209	Critical Thinking & Argumentation	3

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

*\*Prerequisite or Corequisite required.*

*Computer literacy requirement must be completed.*

## COMPUTER SCIENCE

### Associate of Science

**Major Code:** 1701S

**Contact:** Randy Berriochoa, (208) 732-6822  
berriochoa@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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH 170	Calculus 1*	5
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
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>		
ELEC GE	Any additional Gen. Ed. credits	2
COMS 224	Intro to Programming PASCAL	3
COMS 229	Intro to Programming C++*	3
COMS 250	Data Structures*	3
MATH 175	Calculus 2*	4
MATH 176	Discrete Mathematics*	4
MATH 275	Calculus 3*	4
MATH 310	Ordinary Differential Equations*	3
ELEC ANY	Electives: Bring Total to 64 Credits	4

#### Recommended Elective Courses

COMS 226	Introduction to Programming JAVA*	3
PHYS 211	Physics Scientists & Engineers 1*	5
PHYS 212	Physics Scientists & Engineers 2*	5

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

\*Prerequisite or Corequisite required.

Computer literacy requirement must be completed.

## COMPUTER SUPPORT TECHNICIAN

### Technical Certificate

**Major Code:** 4330T

**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. Upon successful completion of the course should be prepared to take the industry

standard A+ Certification test as well as the Network+ Certification test. Students will be able to troubleshoot, assemble, and install parts of PCs and software. In addition, this program serves as a skills development tract for those students wishing to go onto a two-year Network Systems Technician degree.

The Computer Support Technician Program embodies all the information necessary to become A+ and Network+ certified, but does not guarantee certification. It is the student's responsibility to take the certification tests if they desire.

There are additional admissions requirements for this program. Please contact the advisor listed or the Advising Center for more information.

For more information about this program including a semester sequence of courses see our website at: [http://it.csi.edu/computer\\_support/index.asp](http://it.csi.edu/computer_support/index.asp)

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

#### Fall Semester Freshman Year

Course	Course Title	Cr Hrs
CISS 107	Computer Operating Systems	3
CISS 116	Network Technology 1	3
CISA 103	Workforce Skills Essentials	3
MATH	Any Gen Ed. Math	3
ENGL101	English Composition	
or COMM 101	Fundamental of Oral Communications	3

**Total** 15

#### Spring Semester Freshman Year

CISS 110	Troubleshooting Hardware for the PC*	2
CISS 110L	Hardware Lab*	1
CISS 125	Microsoft Client Administration*	3
CISS 131	Microsoft Server Administration*	3
Approved Electives		3
SOCS GE	Any Gen. Ed Soc. Science Social Science	3

**Total** 15

**Total Credit Hours Required** 30

#### Approved Electives:

CISW 111	Web Authoring	3
CISW 125	Introduction to Programming	3
CISS 213	Cisco Networking 1* (Spring Only)	3

\*(Students continuing to the Network Systems Technician program must enroll in this course)

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

Students will complete a Technical Skills Assessment to demonstrate program competency.

See Advisor for Program admission procedure. Your advisor can determine the best course of action to help you achieve your career goal. Please see your advisor to complete your degree plan. If you are a student who is enrolling in the spring semester please see your advisor as soon as possible so that you get enrolled in the correct courses to help you complete your degree in the desired amount of time.

**CRIMINAL JUSTICE**

## Associate of Arts

**Major Code:** 2101R**Contact:** Chris Meyerhoeffer, (208) 732-6873  
cmeyerhoeffer@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
CRIJ 101	Introduction to Criminal Justice	3
CRIJ 103	Introduction to Law & Justice	3
CRIJ 104	Introduction to Corrections	3
POLS 101	American National Government	3
PSYC 101	General Psychology	3
SOCY 101	Introduction to Sociology	3
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2

Students choose a concentration area from the following components: **17-18**

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

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

**CRIMINAL JUSTICE CONCENTRATION:**

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.

Career opportunities for criminal justice include: 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.

**Required Courses**

CRIJ 102	Introduction to Police*	3
CRIJ 275	Criminal Evidence Law*	3
CRIJ 276	Law of Arrest Search & Seizure*	3
ELEC ANY	Electives: Bring Total to 64 Credits	8-9

**Recommended Elective Courses**

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

**CORRECTION SPECIALIST CONCENTRATION:**

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.

Career opportunities for correction specialists include: correction officer (jail, prison, work center); misdemeanor probation; and juvenile detention officer.

**Required Courses**

CRIJ 201	Community-Based Corrections	3
CRIJ 205	Constitutional Rights of Inmates	3
CRIJ 220	Evaluation and Treatment of Offenders	3
CRIJ 270	Criminology	3
ELEC ANY	Electives: Bring Total to 64 Credits	5-6

**Recommended Elective Courses**

CRIJ 102	Introduction to Police*	3
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**CULINARY ARTS**

## Associate of Applied Science

**Major Code:** 4202A**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>

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
BUSM 150	Human Relations in Supervision	3
CULA 110	The Professional Kitchen*	6
CULA 120	Introduction to Food Preparation*	6
CULA 150	Food Sanitation	3
CULA 160	Menu Management	3
CULA 170	Food Service Nutrition	3
CULA 180	Food Service Purchasing	3
CULA 230	Adv Entrees & Plate Presentation*	6
CULA 240	Advanced Entrees/Intro to Bakeshop*	6
HOSM 266	Food and Beverage Service	3
<b>Select 6 from the following:</b>		<b>6</b>
BUSM 170	Collegiate DECA	0-1
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: 64**

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

### Technical Certificate

**Major Code: 4202T**

**Contact: Michael Johnson (208) 732-6381  
mjohanson@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</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
CULA 110	The Professional Kitchen*	6
CULA 120	Introduction to Food Preparation*	6
CULA 150	Food Sanitation	3
CULA 160	Menu Management	3
HOSM 266	Food and Beverage Service	3
<b>Total Credit Hours Required for this Major: 30</b>		

\*Prerequisite or corequisite required.

### Postsecondary Certificate

**Major Code: 4202V**

**Contact: Michael Johnson, (208) 732-6381  
mjohanson@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
CULA 110	The Professional Kitchen*	6
CULA 120	Introduction to Food Preparation*	6
CULA 150	Food Sanitation	3
<b>Total Credit Hours Required for this Major: 15</b>		

\*Prerequisite or Corequisite required

## DANCE

### Associate of Arts

**Major Code: 1440R**

**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
SOCS GE	Any Gen. Ed. Soc. Science Course	3
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
ELEC GE	Any additional Gen. Ed. credits	4
BIOL 201	Biology 1	4
BIOL 227	Human Anatomy & Physiology*	4
DANC 101	Dance Appreciation	3
DANC 110	Ballet 1	1
DANC 120	Jazz Dance 1	1
DANC 130	Modern Dance 1	1
DANC 210	Ballet 2*	2
DANC 220	Jazz Dance 2*	2
DANC 230	Modern Dance 2*	2
DANC 250	Choreographic Composition*	2
THEA 130	Stagecraft	3
THEA 232	Stage Lighting	3
THEA 240	Stage Makeup	2
DANC 280	Dance Portfolio*	1
PHYE 155	Health & Wellness	3
ELEC ANY	Electives: Bring Total to 64 Credits	2
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## DENTAL ASSISTANT

### Technical Certificate

**Major Code: 4407T**

**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.

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/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>

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101 or ENGL 101	Fundamentals of Oral Communication English Composition 1*	3 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 or NURP 102	Fundamentals of Nutrition Normal Nutrition	3 1
BIOL 127	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

**Recommended Elective Courses**

ALLH 105	Bioethics for Health Professional	2
ALLH 230	Healthy Aspects of Aging	3
HUMS 101	Introduction to Human Services	3

**Total Credit Hours Required for this Major: 46-48**

*\*Prerequisite or corequisite required.*

## DENTAL HYGIENE

### Associate of Applied Science

**Major Code: 4419A**

**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.

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/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>

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH 143	College Algebra*	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
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

**Total Credit Hours Required for this Major: 90**

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## DIESEL TECHNOLOGY

### Associate of Applied Science

**Major Code:** 4562A

**Contact:** Levi Perkins (208) 732-6371  
lperkins@csi.edu

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
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 & AC	2
DIET 109	Analysis of Hydraulics	3
DIET 111	Hydraulic & Air Brake Systems*	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	Suspensions & Steering Systems	2
DIET 125	Preventative Maintenance	1
DIET 158	Advanced Occupational Communication	1
DIET 201	Advance Diesel Technology	9
DIET 285	Cooperative Education	8
CISA 101	Computer Literacy Skill Development	3

**Total Credit Hours Required for this Major:** 65

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

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>

#### Additional 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.

### Technical Certificate

**Major Code:** 4562T

**Contact:** Levi Perkins (208) 732-6371  
lperkins@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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
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
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

**Total Credit Hours Required for this Major:** 37

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

This limited enrollment program provides the student with the skills needed to work on diesel powered equipment.

#### Additional 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.

## DIGITAL MEDIA

### Associate of Applied Science

**Major Code:** 4336A

**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.

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)

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

#### Fall Semester Freshman Year

Course	Course Title	Credits
CISG 101	Photoshop 1*	3
CISG 105	Survey of Graphic Design	3
CISG 106	Typography	3
CISG 109	Intro to Digital Media Tools	3
MATH GE	Any Gen Ed Math	3

**Total** 15

#### Spring Semester Freshman Year

CISG 110	Video Editing	3
CISG 204	Copy Editing (Spring only)	3
CISG 216	Introduction to Vector Drawing (Spring only)	3

CISW 111	Web Authoring	3
ENGL 101	English Composition*	3
	Social Science General Education Class:	3

**Total 18**

Students completing the first two semesters have earned and should apply for the Digital Media Technical Certificate.

**Fall Semester Sophomore Year**

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	4

**Total 16**

**Spring Semester Sophomore Year**

CISA 103	Workforce Essentials	3
CISG 208	Advanced Electronic Publishing	3
CISG 213	Production Multimedia* (Spring only)	3
CISG 223	Advanced Internship	3
COMM 101	Fundamentals of Oral Communication	3

**Total 15**

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

*\*Prerequisite or corequisite required.*

*\*Computer literacy requirement must be completed.*

Students will complete a Technical Skills Assessment of demonstrate program competency.

See advisor for Program admission procedure. Your advisor can determine the best course of action to help you achieve your career goal. Please see your advisor to complete your degree plan. If you are a student who is enrolling in the spring semester please see your advisor as soon as possible so that you get enrolled in the correct courses to help you complete your degree in the desired amount of time.

**Technical Certificate**

**Major Code: 4336T**

**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.

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)

**Fall Semester Freshman Year**

Course	Course Title	Credits
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

**Total 15**

**Spring Semester Freshman Year**

CISG 110	Video Editing	3
CISG 204	Copy Editing (Spring only)	3
CISG 216	Introduction to Vector Drawing (Spring only)	3
CISW 111	Web Authoring	3
MATH GE	Any General Education Math	3
	General Education Social Science	3

**Total 18**

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

Students will complete a Technical Skills Assessment to demonstrate program competency.

See Advisor for Program admission procedure. Your advisor can determine the best course of action to help you achieve your career goal. Please see your advisor to complete your degree plan. If you are a student who is enrolling in the spring semester please see your advisor as soon as possible so that you get enrolled in the correct courses to help you complete your degree in the desired amount of time.

**DRAFTING TECHNOLOGY**

**Associate of Applied Science**

**Major Code: 4570A**

**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>

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
DRAT 105	Trigonometry for the Trades*	1
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
DRAT 148	Intermediate Drafting*	2
DRAT 149	Solid Modeling	3
DRAT 150	Machine Drafting	4
DRAT 152	Civil Drafting	6
DRAT 153	Customizing AutoCAD	2
DRAT 156	Architectural Drafting	6
DRAT 158	Structural Drafting	2
CISG 101	Photoshop 1*	3
GEOL 126	Fundamentals of GIS	3
GEOL 126L	Fundamentals of GIS lab	

**Recommended Elective Courses**

DRAT 285	Cooperative Education*	2-12
CISA 101	Computer Literacy Skill Development	3
PHYE 155	Health & Wellness	3
PHYS 100	Survey of Physics	4

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

**Additional 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.

**Technical Certificate**

**Major Code: 4570T**

**Contact: Pat Ferrell, (208) 732-6326  
pferrell@csi.edu**

Course	Course Title	Cr Hrs
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**Required Courses**

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
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
DRAT 148	Intermediate Drafting*	2
DRAT 149	Solid Modeling	3
DRAT 152	Civil Drafting	6
DRAT 156	Architectural Drafting	6

**Recommended Elective Courses**

DRAT 285	Cooperative Education*	2-12
CISA 101	Computer Literacy Skill Development	3

**Total Credit Hours Required for this Major: 41**

*\*Prerequisite or corequisite required.*

**ECONOMICS**

**Associate of Arts**

**Major Code: 2111R**

**Contact: Dr John Hurley, (208) 732-6856  
jhurley@csi.edu or  
Michael Slagel, (208) 732-6453  
mslag@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.

Course	Course Title	Cr Hrs
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**Required Courses**

COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
PHIL 101	Introduction to Philosophy	3
or PHIL 202	Ethics	3
HUMA GE	Any Gen. Ed. Humanities Course	3
MATH 160	Brief Calculus*	4
or MATH 170	Calculus 1*	5
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
ECON 201	Principles of Macroeconomics	3
ECON 202	Principles of Microeconomics	3
BUSA 207	Bus Statistics for Decision Making 1*	3
POLS 101	American National Government	3
ECON 296	International Economics	3
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2

**Business Economics Concentration:**

ACCT 201	Intro to Financial Accounting*	3
ACCT 202	Intro to Managerial Accounting*	3
BUSA 201	Business Communication	3
BUSA 208	Bus Statistics for Decision Making 2*	3
BUSA 215	Introduction to Information Science	3
BUSA 265	Legal Environment	3
ELEC ANY	Electives: Bring Total to 64 Credits	0-2

**Social Science Economics Concentration:**

HIST 101	Western Civilization 1	3
HIST 102	Western Civilization 2	3
ELEC ANY	Electives: Bring Total to 64 Credits	12-14

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

**ED ASSISTANT – GENERALIST**

**Associate of Applied Science**

**Major Code: 4689A**

**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 (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. In addition, this performance-based program allows students to gain credit for prior learning experiences. Students who complete a Technical Certificate or Associate of Applied Science (AAS) degree are prepared for employment in schools or other educational placements in needs of paraeducators/teacher assistants or seamless transfer into an Associate of Arts/Sciences Education Program. Upon completion of the program, students will take a Technical Skills Assessment to demonstrate program competency/proficiency.

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

Course	Course Title	Cr Hrs
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**Required Courses**

COMM 101	Fundamentals of Oral Communication	3
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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
EDUA 228	Effective Teaching	1
EDUA 230	Foundations of Literacy	3
EDUA 231	Individual Education Programs	3
EDUA 234	Emotional /Behavioral Issues	2
EDUA 236	Teaching Writing in Schools	3
EDUA 240	Develop & Adapt the Curriculum	3
EDUA 242	Family/Community Relations & Disabilities	3
EDUA 245	Special Education Policies & Procedures	3
EDUA 248	Behavioral Intervention & Classroom	3
EDUA 272	Physical/Medical Issues	2
EDUA 285	Internship	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences	3
EDUC 215	Educational Technology	3
EDUC 290	Education Exit Seminar*	1
ELEC ANY	Electives: Bring Total to 64 Credits	5

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

**Additional Admission Requirements:**

1. Education Assistant Admissions Application  
*\*Prerequisite or corequisite required.*  
*Computer literacy requirement must be completed.*  
*Completion of ETS Praxis ParaPro Exam with a passing score of 460.*

**Technical Certificate**

**Major Code: 4689T**  
**Contact: Tracey Meyerhoeffer, (208) 732-6874**  
**tmeyerhoeffer@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
ENGL 101	English Composition 1*	3
MATH 143	College Algebra*	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
EDUA 231	Individual Education Programs	3
EDUA 240	Developing & Adapting Curriculum	3
EDUA 248	Behavioral Intervention & Classroom	3
EDUC 201	Foundations of Education	3
EDUC 202	Field Experience	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Developmental/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1

**Total Credit Hours Required for this Major: 32**

- \*Prerequisite or corequisite required.*  
*Completion of ETS Praxis ParaPro Exam with a passing score of 460.*

**Additional Admission Requirements:**

1. Education Assistant Admissions Application

**EDUCATION – BILINGUAL ELEMENTARY**

Associate of Arts

**Major Code: 2120R**  
**Contact: Raquel Arenz, (208) 732-6853**  
**rarenz@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
ENGL 277	Survey of American Literature 1*	3
or ENGL 278	Survey of American Literature 2	3
MUSI 100	Music Appreciation	3
SPAN 101	Elementary Spanish 1	4
SPAN 102	Elementary Spanish 2*	4
SPAN 201	Intermediate Spanish 1*	4
SPAN 202	Intermediate Spanish 2*	4
MATH 143	College Algebra*	3
MATH 157	Math for Elementary Teachers 1*	3
MATH 257	Math for Elementary Teachers 2*	3
BIOL 100	Concepts of Biology	4
GEOL 101	Physical Geology	4
or GEOG 100	Physical Geography	4
ANTH 102	Cultural Anthropology	3
HIST 111	US History 1	3
PSYC 101	General Psychology	3
SOCY 278	Mexican American Tradition & Culture	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3

**Total Credit Hours Required for this Major: 77**

- \*Prerequisite or corequisite required.*  
*Computer literacy requirement must be completed.*  
 This curriculum provides year one and two of BSU's Bilingual Education BA degree program and includes core certification. Regular consultations with the program adviser are necessary.

**EDUCATION – EARLY CHILDHOOD**

Associate of Arts

**Major Code: 2125R**  
**Contact: Evin Fox, (208) 732-6872**  
**efox@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>

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
ARTS 101	Art History 1	3
or MUSI 100	Music Appreciation	3
HUMA GE	Any Gen Ed. Humanities Literature Course*	3
MATH 143	College Algebra*	3
SCIG GE	Any Gen Ed. Biological Science Course	4
SCIG GE	Any Gen Ed. Physical Science Course	4
HIST 111	US History 1	3
or HIST 112	US History 2	3
SOCS GE2	Any 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
EARC 105	Early Childhood Environments	2
EARC 109	Foundations of Early Childhood Education	3
EARC 155	Early Childhood Practicum*(two semesters)	6
EARC 166	Early Childhood Curriculum*(two semesters)	4
EARC 203	Child Development	3
EARC 207	Infant Toddler Care & Education	3
EARC 209	Inclusive Practices for Infants & Toddlers*	3
EDUC 204	Families, Communities, & Culture	3
MATH 157	Math for Elementary Teachers 1*	3
PHYE 155	Health & Wellness	3

**Total Credit Hours Required for this Major:** 69

**Additional Admission Requirements:**

1. Early Childhood Education Admissions application.
2. Three letters of recommendation.
3. Health questionnaire, proof of immunizations, and TB clearance.
4. Criminal records background check.
5. Current CPR certification or PHYE150.

**Exit Requirement:** Upon completion of the AA, students will be prepared to take the NOCTI exam.

*\*Prerequisite or Corequisite required.  
Computer literacy requirement must be completed.*

**Associate of Applied Science**

**Major Code:** 4680A  
**Contact:** Ellen Neff, (208)-732-6870  
eneff@csi.edu

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
EARC 105	Early Childhood Environments	2
EARC 109	Foundation of Early Childhood Education	3
EARC 155	Early Childhood Practicum *(4 semesters)	12

EARC 166	Early Childhood Curriculum*(two semesters)	4
EARC 194	Intro to Teaching Children's Literature	3
EARC 203	Child Development	3
EARC 207	Infant & Toddler Care & Education	3
EARC 209	Inclusive Practices for Infants & Toddlers*	3
EDUC 204	Families, Communities, & Culture*	3
PHYE 155	Health & Wellness	3
ELEC ANY	Electives: Bring total to 64 Credits	9

**Recommended Elective Courses**

BUSM 150	Human Relations in Supervision	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
	Any additional Gen. Ed. credits	3

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

**Additional Admission Requirements:**

1. Early Childhood Education Admissions application.
2. Three letters of recommendation.
3. Health questionnaire, proof of immunizations, and TB clearance.
4. Criminal records background check.
5. Current CPR certification or PHYE150.

**Exit Requirement:** Upon completion of the AAS, students will be prepared to take the NOCTI exam.

*\*Prerequisite or Corequisite required.  
Completion of computer skills assessment is required.*

**Technical Certificate**

**Major Code:** 4680T  
**Contact:** Ellen Neff, (208)-732-6870  
eneff@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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
EARC 105	Early Childhood Environments	2
EARC 109	Foundations of Early Childhood Education	3
EARC 155	Early Childhood Practicum*(two semesters)	6
EARC 166	Early Childhood Curriculum*(two Sessions)	4
EARC 203	Child Development	3
EARC 207	Infant & Toddler Care & Education	3
EARC 209	Inclusive Practices for Infants & Toddlers*	3
EDUC 204	Families, Communities, & Culture*	3

**Total Credit Hours Required for this Major:** 36

**Additional Admission Requirements:**

1. Early Childhood Education Admissions application.
2. Three letters of recommendation.
3. Health questionnaire, proof of immunizations, and TB clearance.
4. Criminal records background check.
5. Current CPR certification or PHYE150.

**Exit Requirement:** Upon completion of the TC, students will be prepared to take the NOCTI exam.

*\*Prerequisite or Corequisite required.*

**Postsecondary Certificate**

**Major Code:** 4680V  
**Contact:** Ellen Neff, (208)-732-6870  
 eneff@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
EARC 109	Foundations of Early Childhood Education	3
EARC 155	Early Childhood Practicum*	3
EARC 166	Early Childhood Curriculum*	2
<b>Select 3 credits from the following:</b>		
EARC 105	Early Childhood Environments	2
EARC 185	Recognizing Child Abuse	1
EARC 194	Intro to Teaching Children's Literature	3
EARC 207	Infant & Toddler Care & Educ	3

**Total Credit Hours Required for this Major:** 11

**Additional Admission Requirements:**

1. Early Childhood Education Admissions application.
2. Three letters of recommendation.
3. Health questionnaire, proof of immunizations, and TB clearance.
4. Criminal records background check.
5. Current CPR certification or PHYE 150.

\*Prerequisite or Corequisite required.

**Postsecondary Certificate - CDA**

**Major Code:** 4679V  
**Contact:** Ellen Neff, (208)-732-6870  
 eneff@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
EARC 171	CDA Training 1	3
EARC 172	CDA Training 2	3
EARC 173	CDA Training 3	3

**Total Credit Hours Required for this Major:** 9

**Additional Admission Requirements:**

1. Early Childhood Education Admissions application.
2. Three letters of recommendation.
3. Health questionnaire, proof of immunizations, and TB clearance.
4. Criminal records background check.
5. Current CPR certification or PHYE 150.

\*Prerequisite or Corequisite required.

**EDUCATION – ELEMENTARY**

**Associate of Arts**

**Major Code:** 2121R  
**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.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
ARTS 101	Art History 1	3
or MUSI 100	Music Appreciation	3
HUMA GE	Any Gen. Ed. Humanities Course**	3
MATH 143	College Algebra*	3
SCIG GE	Any Gen. Ed. Science Course**	4
SCIG GE2	Any 2nd Gen. Ed. Science Course**	4
HIST 111	US History 1	3
SOCS GE	Any Gen. Ed Soc. Science Course**	3
<i>Social Science courses must be from 2 different disciplines.</i>		
ELEC GE	Any additional Gen Ed	4
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
MATH 157	Math for Elementary Teachers 1*	3
MATH 257	Math for Elementary Teachers 2*	3
PHYE 155	Health & Wellness	3

**Choose from the courses listed below to bring total credits earned to 64-70** 5-11

ANTH 102	Cultural Anthropology	3
ENGL 175	Introduction to Literature*	3
ENGL 257	Survey Western World Literature I*	3
ENGL 258	Survey Western World Literature II*	3
ENGL 267	Survey English Literature I*	3
ENGL 268	Survey English Literature II*	3
ENGL 277	Survey American Literature I*	3
ENGL 278	Survey American Literature II*	3
HIST 101	Western Civilization 1	3
HIST 102	Western Civilization 2	3
HIST 112	US History 2	3
MATH 144	Trigonometry*	2
MATH 170	Calculus I*	5
MATH 175	Calculus 2*	4
MATH 176	Discrete Mathematics*	4
MATH 275	Calculus 3*	4
MUSI 233	Music Methods for Elementary Teachers	2
PHYE 150	First Aid & CPR	2
PHYE 210	Physical Ed for Elementary Teachers	3
POLS 101	American National Government	3
PSYC 101	General Psychology	3
PSYC 201	Child & Adolescent Development*	3
SOCY 101	Introduction to Sociology	3
SPAN 101	Elementary Spanish I	4
SPAN 102	Elementary Spanish 2*	4

**Total Credit Hours Required for this Major:** 64-70

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## EDUCATION – SECONDARY AGRICULTURE CONCENTRATION

Associate of Arts

**Major Code:** 2122R

**Contact:** John Hughes, (208)-732-6549  
jhughes@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH 143	College Algebra	3
BIOL 201	Biology	4
CHEM 101	Introduction to Chemistry	4
ECON 201	Principles of Macroeconomics	3
PSYC 101	General Psychology	3
ELEC GE	Any additional Gen. Ed. credits	4
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
AGRI 104	Agriculture Management	4
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
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3

**Total Credit Hours Required for this Major:** 69

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY ANTHROPOLOGY CONCENTRATION

Associate of Arts

**Major Code:** 2122R

**Contact:** John Hughes, (208)-732-6549  
jhughes@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH GE	Any Gen Ed Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
ANTH 101	Physical Anthropology	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
ANTH 102	Cultural Anthropology	3
ELEC GE	Any additional Gen. Ed. credits	1

ANTH 103	Introduction to Archaeology	3
ANTH 238	Native Peoples of North America	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3
ELEC Any	Electives: Bring Total to 64 Credits	5

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY ART CONCENTRATION

Associate of Arts

**Major Code:** 2122R

**Contact:** John Hughes, (208)-732-6549  
jhughes@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
ARTS 101	Art History 1	3
ARTS 102	Art History 2	3
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1	3
ENGL 102	English Composition 2*	3
MATH GE	Any Gen Ed Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
ELEC GE	Any additional Gen. Ed. credits	4
ARTS 105	Design 1	3
ARTS 106	Design 2	3
ARTS 109	Drawing 1	3
ARTS 215	Painting 1	3
ARTS 225	Ceramics 1	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3

**Total Credit Hours Required for this Major:** 68

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY BIOLOGY CONCENTRATION

Associate of Arts

**Major Code:** 2122R

**Contact:** John Hughes, (208)-732-6549  
jhughes@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH 147	Precalculus*	5
BIOL 201	Biology 1	4
BIOL 202	Biology 2	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
CHEM 111	Principles of Chemistry	5
BIOL 204	Introduction of Cell Biology	4
BIOL 209	General Ecology	4
BIOL 250	General Microbiology*	4
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3

**Total Credit Hours Required for this Major: 68**

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## EDUCATION – SECONDARY BUSINESS CONCENTRATION

Associate of Arts

**Major Code: 2122R**

**Contact: John Hughes, (208)-732-6549**  
jhughes@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH GE	Any Gen Ed Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
ECON 201	Principles of Macroeconomics	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
ECON 202	Principles of Microeconomics	3
ELEC GE	Any additional Gen. Ed. credits	1
ACCT 201	Introduction to Financial Accounting	3
BUSA 256	Introduction to International Business	3
CISA 209	Skillbuilding	2
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3
ELEC Any	Electives: Bring Total to 64 Credits	3

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

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## EDUCATION – SECONDARY CHEMISTRY CONCENTRATION

Associate of Arts

**Major Code: 2122R**

**Contact: John Hughes, (208)-732-6549**  
jhughes@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH 170	Calculus 1	5
CHEM 111	Principles of Chemistry 1	5
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen Ed Soc. Science Course	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
ELEC GE	Any additional Gen. Ed. credits	1
CHEM 112	Principles of Chemistry 2	5
MATH 175	Calculus 2*	4
PHYS 211	Physics for Scientists & Engineers 1	5
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3

**Total Credit Hours Required for this Major: 67**

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## EDUCATION – SECONDARY COMMUNICATION CONCENTRATION

Associate of Arts

**Major Code: 2122R**

**Contact: John Hughes, (208)-732-6549**  
jhughes@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH GE	Any Gen Ed Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
ELEC GE	Any additional Gen. Ed. credits	4
COMM 102	Interpersonal Communication	3
COMM 105	Intercollegiate Tournament Speaking	3
COMM 171	Intro to Mass Communication	3
COMM 201	Business and Professional Speaking	3
COMM 209	Critical Thinking and Argumentation	3
COMM 220	Intercultural Communication	3

EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3

**Total Credit Hours Required for this Major: 71**

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY EARTH SCIENCE CONCENTRATION

Associate of Arts

**Major Code: 2122R**

**Contact: John Hughes, (208)-732-6549**  
**jhughes@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH 147	Precalculus*	5
BIOL 201	Biology 1	4
GEOG 100	Physical Geography	4
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.*

GEOL 101	Physical Geology	4
GEOL 102	Historical Geology	4
PHYS 111	General Physics	4
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3
ELEC Any	Electives: Bring Total to 64 Credits	1

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY ECONOMICS CONCENTRATION

Associate of Arts

**Major Code: 2122R**

**Contact: John Hughes, (208)-732-6549**  
**jhughes@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1	3
ENGL 102	English Composition 2*	3

PHIL 101	Introduction to Philosophy	3
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH GE	Any Gen Ed Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
ECON 201	Principles of Macroeconomics	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3

*Social Science courses must be from 2 different disciplines.*

ECON 202	Principles of Microeconomics	3
ELEC GE	Any additional Gen. Ed. credits	1
ECON 296	International Economics	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3
ELEC Any	Electives: Bring Total to 64 Credits	8

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY ENGINEERING & TECHNOLOGY CONCENTRATION

Associate of Science

**Major Code: 2122R**

**Contact: John Hughes, (208)-732-6549**  
**jhughes@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1	3
ENGL 102	English Composition 2*	3
ARTS 101	Art History I	3
PHIL 202	Ethics	3
MATH 147	Precalculus*	5
PHYS 111	General Physics 1*	4
PHYS 112	General Physics 2*	4
PSYC 101	General Psychology	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3

*Social Science courses must be from 2 different disciplines.*

ELEC GE	Any additional Gen. Ed. Credits	2
EDUC 105	CAD Engineering and Design	3
EDUC 106	Applied Leadership & Safety	1
EDUC 107	Computer Operating Systems	3
EDUC 108	Introduction to Welding Instruction	2
EDUC 111	Introduction to Manufacturing	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
ENGL 202	Technical Communication	3

**Total Credit Hours Required for this Major: 65**

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY ENGLISH CONCENTRATION

Associate of Arts

**Major Code:** 2122R

**Contact:** John Hughes, (208)-732-6549  
jhughes@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1	3
ENGL 102	English Composition 2*	3
MATH GE	Any Gen Ed Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
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.*

ENGL 175 Introduction to Literature 3

*One Literature survey sequence and one other Literature course from below: counts for 9 Gen Ed Humanities credits).*

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
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
ENGL 211	Intro to Literary Analysis	3
PHYE 155	Health & Wellness	3
ELEC ANY	Any Additional Electives	6

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY GEOGRAPHY CONCENTRATION

Associate of Arts

**Major Code:** 2122R

**Contact:** John Hughes, (208)-732-6549  
jhughes@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH GE	Any Gen Ed Math Course	3
GEOG 100	Physical Geography	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
GEOG 102	Cultural Geography	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
GEOG 200	World Regional Geography	3

ELEC GE	Any additional Gen. Ed. credits	1
GEOL155	Intro to Global Positioning Systems	2
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3
ELEC ANY	Any Additional Electives	9

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY GEOLOGY CONCENTRATION

Associate of Arts

**Major Code:** 2122R

**Contact:** John Hughes, (208)-732-6549  
jhughes@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH 147	Precalculus	5
GEOL 101	Physical Geology	4
GEOL 102	Historical Geology	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
PHYS 111	General Physics 1	4
PHYS 112	General Physics 2	4
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3
ELEC ANY	Any Additional Electives	5

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY HISTORY CONCENTRATION

Associate of Arts

**Major Code:** 2122R

**Contact:** John Hughes, (208)-732-6549  
jhughes@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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

HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH GE	Any Gen Ed Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
HIST 101	Western Civilization 1	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
HIST 102	Western Civilization 2	3
HIST 111	US History 1	3
HIST 112	US History 2	3
HIST 251	Latin American History	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3
ELEC ANY	Any Additional Electives	3

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY MATHEMATICS CONCENTRATION

Associate of Arts

**Major Code: 2122R**

**Contact: John Hughes, (208)-732-6549  
jhughes@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH 170	Calculus	5
SCIG GE	Any Gen Ed Science Course	4
SCIG GE2	Any 2nd Gen Ed. Science Course	4
SOCS GE	Any Gen Ed Soc. Science Course	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
ELEC GE	Any Additional Gen Ed credit	2
MATH 175	Calculus 2	4
MATH 176	Discrete Mathematics	4
MATH 230	Introduction to Linear Algebra	3
MATH 275	Calculus 3	4
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3

**Total Credit Hours Required for this Major: 68**

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY MUSIC CONCENTRATION

Associate of Arts

**Major Code: 2122R**

**Contact: John Hughes, (208)-732-6549  
jhughes@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH GE	Any Gen Ed Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
ELEC GE	Any additional Gen. Ed. credits	4
MUSI 101	Theory of Music 1	3
MUSI 102	Theory of Music 2*	3
MUSI 111	Aural Skills 1	1
MUSI 112	Aural Skills 2*	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 130	Chamber Choir (take twice)	1
MUSI 145	Class Voice	2
MUSI 150	Beginning Class Piano 1	2
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3

**Total Credit Hours Required for this Major: 69**

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY PHYSICAL SCIENCE CONCENTRATION

Associate of Arts

**Major Code: 2122R**

**Contact: John Hughes, (208)-732-6549  
jhughes@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH 170	Calculus 1	5
CHEM 111	Principles of Chemistry 1	5
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3

ELEC GE	Any additional Gen. Ed. Credits	1
CHEM 112	Principles of Chemistry 2	5
MATH 175	Calculus 2	4
PHYS 211	Physics of Scientists & Engineers 1	5
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3

**Total Credit Hours Required for this Major: 67**

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY POLITICAL SCIENCE CONCENTRATION

Associate of Arts

**Major Code: 2122R**

**Contact: John Hughes, (208)-732-6549**  
**jhughes@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH GE	Any Gen Ed Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
POLS 101	American National Government	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
POLS 102	Introduction to Political Science	3
POLS 221	Introduction to International Relations	3
ELEC POLS	Any Political Science	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3
ELEC ANY	Any Additional Electives	6

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY PSYCHOLOGY CONCENTRATION

Associate of Arts

**Major Code: 2122R**

**Contact: John Hughes, (208)-732-6549**  
**jhughes@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH 143	College Algebra	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
PSYC 101	General Psychology	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
ELEC GE	Any additional Gen. Ed. Credits	4
PSYC 201	Child & Adolescent Develop	3
PSYC 217	Statistical Methods	3
PSYC 228	Introduction to Tests & Measurement	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3
ELEC ANY	Any Additional Electives	2

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY SOCIAL SCIENCE CONCENTRATION

Associate of Arts

**Major Code: 2122R**

**Contact: John Hughes, (208)-732-6549**  
**jhughes@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH GE	Any Gen Ed Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
ECON 201	Principles of Macroeconomics	3
POLS 101	American National Government	3
HIST 101	Western Civilization 1	3
or HIST 102	Western Civilization 2	3
HIST 111	US History 1	3
or HIST 112	US History 2	3
SOCY 101	Introduction to Sociology	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3
ELEC ANY	Any Additional Electives	6

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## EDUCATION – SECONDARY SOCIOLOGY CONCENTRATION

Associate of Arts

**Major Code:** 2122R

**Contact:** John Hughes, (208)-732-6549  
jhughes@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH GE	Any Gen Ed Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
ANTH 102	Cultural Anthropology	3
SOCY 101	Introduction to Sociology	3
ELEC GE	Any additional Gen. Ed. Credits	4
SOCY 102	Social Problems	3
SOCY 238	Race & Ethnic Relations	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3
ELEC ANY	Any Additional Electives	5

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

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## EDUCATION – SECONDARY SPANISH CONCENTRATION

Associate of Arts

**Major Code:** 2122R

**Contact:** John Hughes, (208)-732-6549  
jhughes@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1	3
ENGL 102	English Composition 2*	3
MATH GE	Any Gen Ed Math Course	3
SPAN 101	Elementary Spanish 1	4
SPAN 102	Elementary Spanish 2	4
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
SOCS GE2	Any 2nd Gen Ed Soc. Science Course	3
ELEC GE	Any additional Gen. Ed. credits	2
SPAN 201	Intermediate Spanish 1	4
SPAN 202	Intermediate Spanish 2	4
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3

EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3
ELEC GE	Any additional Gen. Ed. credits	3

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

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## EDUCATION – SECONDARY THEATRE CONCENTRATION

Associate of Arts

**Major Code:** 2122R

**Contact:** John Hughes, (208)-732-6549  
jhughes@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1	3
ENGL 102	English Composition 2*	3
THEA 201	Theatre History 1	3
THEA 202	Theatre History 2	3
MATH GE	Any Gen Ed Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
SOCS GE2	Any Gen. Ed. Soc. Science Course	3
ELEC GE	Any additional Gen. Ed. Credits	4
THEA 111	Fundamentals of Acting	3
THEA 130	Stagecraft	3
THEA 211	Voice for Theatre	2
THEA 240	Stage Makeup	2
THEA 250	Classroom Drama	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3

**Total Credit Hours Required for this Major:** 66

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## EDUCATION – SPECIAL

Associate of Arts

**Major Code:** 2123R

**Contact:** Tracey Meyerhoeffler, (208) 732-6874  
tmeyerhoeffler@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.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1	3
ENGL 102	English Composition 2*	3
MATH 143	College Algebra*	3
HUMA GE	Any Gen. Ed. Humanities Course	3
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
SOCS GE2	Any Gen. Ed. Soc. Science Course	3

*Social Science courses must be from 2 different disciplines.*

ELEC GE	Any additional Gen. Ed. credits	4
EDUA 231	Individual Education Programs	3
EDUA 245	Special Education Policies & Procedures	3
EDUA 248	Behavior Intervention & Classroom	3
EDUA 276	Assistive Technology & Special Education	3
EDUC 201	Foundations of Education*	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
EDUC 290	Education Exit Seminar*	1
PHYE 155	Health & Wellness	3
ELEC	Approved Electives	5

**Total Credit Hours Required for this Major: 70**

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed*

## EMERGENCY MEDICAL TECHNICIAN

### Technical Certificate

**Major Code: 4408T**

**Contact: Jim Massie, (208) 732-6709**  
jmassie@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 Postsecondary and 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.

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/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>

Course	Course Title	Cr Hrs
<b>Required Courses</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
ALLH 101	Medical Terminology	2
BIOL 127	Human Structure & Function	4
EMEM 102	Emergency Medical Technician	8
EMEM 102L	EMT Lab*	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

**Total Credit Hours Required for this Major: 49**

*\*Prerequisite or corequisite required.*

## Postsecondary Certificate

**Major Code: 4408V**

**Contact: Jim Massie, (208) 732-6709**  
jmassie@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
EMEM 102	Emergency Medical Technician	8
EMEM 102L	EMT Lab*	2

**Total Credit Hours Required for this Major: 10**

*\*Prerequisite or corequisite required.*

## ENGINEERING – AGRICULTURE

### Associate of Engineering

**Major Code: 1711E**

**Contact: Bill Eberlein, (208) 732-6829**  
eberlein@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.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
CHEM 111	Principles of Chemistry 1*	5
CHEM 112	Principles of Chemistry 2*	5
COMS 224	Intro to Programming PASCAL*	3
or COMS 229	Intro to Programming C++	3

ENGI 105	CAD Engineering Graphics	2
ENGI 120	Introduction to Engineering*	2
ENGI 210	Mechanics Statics*	3
ENGI 220	Mechanics Dynamics*	3
ENGI 240	Electrical Circuits*	4
ENGI 241	Engineering Measurements*	4
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
MATH 170	Calculus 1*	5
MATH 175	Calculus 2*	4
MATH 275	Calculus 3*	4
MATH 310	Ordinary Differential Equations*	3
PHYS 211	Physics Scientists & Engineers 1*	5
PHYS 212	Physics Scientists & Engineers 2*	5

**Select from the following:** **3-6**  
 HUMA GE Any Gen. Ed. Humanities Course 3-6  
 SOCS GE Any Gen. Ed Soc. Science Course 3-6

**Total Credit Hours Required for this Major:** **66-69**

*\*Prerequisite or corequisite required.  
 Computer literacy requirement must be completed.*

## ENGINEERING – CHEMICAL

### Associate of Engineering

**Major Code:** 1712E  
**Contact:** Bill Eberlein, (208) 732-6829  
 eberlein@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.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
CHEM 111	Principles of Chemistry 1*	5
CHEM 112	Principles of Chemistry 2*	5
CHEM 298	Organic Chemistry 1*	4
CHEM 299	Organic Chemistry 2*	5
COMS 224	Intro to Programming PASCAL*	3
or COMS 229	Intro to Programming C++	3
ENGI 105	CAD Engineering Graphics	2
ENGI 120	Introduction to Engineering*	2
ENGI 210	Mechanics Statics*	3
ENGI 240	Electrical Circuits*	4
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
MATH 170	Calculus 1*	5
MATH 175	Calculus 2*	4
MATH 275	Calculus 3*	4
MATH 310	Ordinary Differential Equations*	3
PHYS 211	Physics Scientists & Engineers 1*	5

PHYS 212	Physics Scientists & Engineers 2*	5
<b>Select from the following:</b> <b>3</b>		
HUMA GE	Any Gen. Ed. Humanities Course	3
SOCS GE	Any Gen. Ed Soc. Science Course	3

**Total Credit Hours Required for this Major:** **68**

*\*Prerequisite or corequisite required.  
 Computer literacy requirement must be completed.*

## ENGINEERING – CIVIL

### Associate of Engineering

**Major Code:** 1713E  
**Contact:** Bill Eberlein, (208) 732-6829  
 eberlein@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.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
CHEM 111	Principles of Chemistry 1*	5
CHEM 112	Principles of Chemistry 2*	5
COMS 224	Intro to Programming PASCAL*	3
or COMS 229	Intro to Programming C++	3
ENGI 105	CAD Engineering Graphics	2
ENGI 120	Introduction to Engineering*	2
ENGI 210	Mechanics Statics*	3
ENGI 220	Mechanics Dynamics*	3
ENGI 240	Electrical Circuits*	4
ENGI 241	Engineering Measurements*	4
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
GEOL 101	Physical Geology	4
MATH 170	Calculus 1*	5
MATH 175	Calculus 2*	4
MATH 275	Calculus 3*	4
MATH 310	Ordinary Differential Equations*	3
PHYS 211	Physics Scientists & Engineers 1*	5
PHYS 212	Physics Scientists & Engineers 2*	5

**Select from the following:** **0-3**  
 HUMA GE Any Gen. Ed. Humanities Course 3  
 SOCS GE Any Gen. Ed Soc. Science Course 3

**Total Credit Hours Required for this Major:** **67-70**

*\*Prerequisite or corequisite required.  
 Computer literacy requirement must be completed.*

**ENGINEERING – COMPUTER**

## Associate of Engineering

**Major Code:** 1714E**Contact:** Bill Eberlein, (208) 732-6829  
eberlein@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
COMS 224	Intro to Programming PASCAL	3
COMS 229	Intro to Programming C++*	3
COMS 250	Data Structures*	3
ENGI 120	Introduction to Engineering*	2
ENGI 240	Electrical Circuits*	4
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
MATH 170	Calculus 1*	5
MATH 175	Calculus 2*	4
MATH 176	Discrete Mathematics*	4
MATH 230	Introduction to Linear Algebra*	3
MATH 310	Ordinary Differential Equations*	3
PHYS 211	Physics Scientists & Engineers 1*	5
PHYS 212	Physics Scientists & Engineers 2*	5
<b>Select from the following:</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

**Total Credit Hours Required for this Major:** 64-70*\*Prerequisite or corequisite required.**Computer literacy requirement must be completed.*

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.

**ENGINEERING – ELECTRICAL**

## Associate of Engineering

**Major Code:** 1715E**Contact:** Bill Eberlein, (208) 732-6829  
eberlein@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
CHEM 111	Principles of Chemistry 1*	5
COMS 224	Intro to Programming PASCAL*	3

or COMS 229	Intro to Programming C++	3
ENGI 105	CAD Engineering Graphics	2
ENGI 120	Introduction to Engineering*	2
ENGI 210	Mechanics Statics	3
ENGI 220	Mechanics Dynamics	3
ENGI 240	Electrical Circuits*	4
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
MATH 170	Calculus 1*	5
MATH 175	Calculus 2*	4
MATH 275	Calculus 3*	4
MATH 310	Ordinary Differential Equations*	3
PHYS 211	Physics Scientists & Engineers 1*	5
PHYS 212	Physics Scientists & Engineers 2*	5

**Select from the following:** 12-16

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.**Computer literacy requirement must be completed.*

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.

**ENGINEERING – MECHANICAL**

## Associate of Engineering

**Major Code:** 1716E**Contact:** Bill Eberlein, (208) 732-6829  
eberlein@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. Others are an integral part of the manufacturing industry, designing consumer products

and the machinery and processes to produce them. Robotics, power generation and air conditioning are principally mechanical engineering topics.

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.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
CHEM 111	Principles of Chemistry 1*	5
COMS 224	Intro to Programming PASCAL*	3
or COMS 229	Intro to Programming C++	3
ENGI 105	CAD Engineering Graphics	2
ENGI 120	Introduction to Engineering*	2
ENGI 210	Mechanics Statics	3
ENGI 220	Mechanics Dynamics	3
ENGI 240	Electrical Circuits*	4
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
MATH 170	Calculus 1*	5
MATH 175	Calculus 2*	4
MATH 275	Calculus 3*	4
MATH 310	Ordinary Differential Equations*	3
PHYS 211	Physics Scientists & Engineers 1*	5
PHYS 212	Physics Scientists & Engineers 2*	5

<b>Select from the following:</b>		<b>12-16</b>
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.*

*Computer literacy requirement must be completed.*

## ENGLISH

### Associate of Arts

**Major Code: 1300R**

**Contact: Whitney Smith, (208) 732-6844**  
**wsmith@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
<i>Social Science courses must be from 2 different disciplines.</i>		
ENGL 201	Intermediate Expository Composition*	3
ENGL 204	Introduction to Poetry*	3
ENGL 211	Intro to Literary Analysis*	3
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2

<b>Foreign Language: Select two from the following</b>		<b>8</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

**One complete sequence and one additional course from the following: 9**

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
ENGL126	Film & Literature	
or ENGL 200	Level course	3
ELEC ANY	Electives: Bring Total to 64 Credits	6-7

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

**Language Courses:** Under certain circumstances, students may apply for vertical credit-refer to the catalog for more information.

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.

## ENVIRONMENTAL TECHNOLOGY

### Associate of Applied Science

**Major Code: 4120A**

**Contact: Ross Spackman, (208) 732-6405**  
**rspackman@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>

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH 143	College Algebra*	3
SOCS GE	Any Gen Ed Soc. Science Course	3
SCIG GE	Any Gen Ed Science	4
CISA 101	Computer Literacy Skill Development	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 120	Residential Energy	3
ENVT 125	Fluid Power and Hydraulics*	1
ENVT 130	Fundamentals of Electricity*	4
ENVT 140	Electric Motors, Generators, Controls*	3
ENVT 145	Renewable Electrical Production*	3
ENVT 150	Programmable Logic Controller	3
ENVT 155	Biofuels*	3
ENVT 165	Mechanical Drive Systems*	3
ENVT 201	Environmental Law	2
WATR 120	Water Quality	4
WATR 130	Water Measurement	3
Select ENVT, WATR, or AGRI to bring Total to 64 Credits		7

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

\*Prerequisite or corequisite required.

\*\*May receive credit by examination.

Computer literacy requirement must be completed.

### Technical Certificate

**Major Code: 4120T**

**Contact: Ross Spackman, (208) 732-6405**  
rspackman@csi.edu

Through completion of the Technical Certificate, students will acquire a foundational background in renewable energies including wind, solar, and biofuels and experiential knowledge of electrical motors, generators, mechanical drive systems, and hydraulics through lectures, site visits, and labs.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen Ed Math Course*	3
SOCS GE	Any Gen Ed Soc. Science Course	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
ENVT 140	Electric Motors, Generators, Controls*	3
ENVT 145	Renewable Electrical Production*	3
ENVT 150	Programmable Logic Controllers	3
ENVT 155	Biofuels*	3
ENVT 165	Mechanical Drive Systems*	3

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

\*Prerequisite or corequisite required.

## EQUINE BUSINESS MANAGEMENT

Associate of Science

**Major Code: 1211S**

**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
ECON 201	Principles of Macroeconomics	3
or ECON 202	Principles of Microeconomics	3
SOCS GE	Any 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
ACCT 201	Intro to Financial Accounting	3
BUSA 250	Principles of Marketing	3
BUSA 265	Legal Environment	3
EQUUS 114	Equine Activities (1 credit take 4 times)	4
EQUUS 232	Equine Nutrition	2
EQUUS 233	Equine Reproduction	3
EQUUS 234	Horse Health	2
EQUUS 242	Horse Anatomy & Unsoundness 1	2
EQUUS 243	Horse Anatomy & Unsoundness 2*	2
EQUUS 290	Business Aspects of Raising Horses	2
ELEC ANY	Electives to Total 64 Credits	2

### Recommended Elective Courses

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.

Computer literacy requirement must be completed.

## EQUINE-HORSE MANAGEMENT

Associate of Applied Science

**Major Code: 4110A**

**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>

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
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
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 160	Introduction to Agriculture Selling	3
EQUUS 101	Introduction to Horses	2
EQUUS 114	Equine Activities (1 credit take 4 times)	4
EQUUS 230	Horseshoeing Basics 1	1
EQUUS 232	Equine Nutrition	2
EQUUS 233	Equine Reproduction	3
EQUUS 234	Horse Health	2
EQUUS 236	Horse Judging 1	2
EQUUS 237	Horse Judging 2	2
EQUUS 242	Horse Anatomy & Unsoundness 1	2
EQUUS 243	Horse Anatomy & Unsoundness 2*	2
EQUUS 245	Draft Horses	2
EQUUS 290	Business Aspects of Raising Horses	2
ELEC ANY	Electives: Bring Total to 64 Credits	5

**Recommended Elective Courses**

AGRI	Any Agriculture Course
EQUUS	Any Equine Course

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

### Technical Certificate

**Major Code: 4110T**

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

Course	Course Title	Cr Hrs
<b>Required Courses</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
EQUUS 101	Introduction to Horses	2
EQUUS 114	Equine Activities (1 credit take 2 times)	2
EQUUS 230	Horseshoeing Basics 1	1
EQUUS 232	Equine Nutrition	2
EQUUS 233	Equine Reproduction	3
EQUUS 234	Horse Health	2
EQUUS 236	Horse Judging 1	2
EQUUS 242	Horse Anatomy & Unsoundness 1	2
EQUUS 243	Horse Anatomy & Unsoundness 2*	2
EQUUS 245	Draft Horses	2
EQUUS 290	Business Aspects of Raising Horses	2

**Recommended Elective Courses**

AGRI	Any Agriculture Course
EQUUS	Any Equine Course

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

*\*Prerequisite or corequisite required.*

## EQUINE STUDIES

### Associate of Arts

**Major Code: 1102R**

**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
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
EQUUS 101	Introduction to Horses	2
EQUUS 114	Equine Activities (1 credit take 4 times)	4
EQUUS 199	Equine Studies Workshop	1
EQUUS 232	Equine Nutrition	2
EQUUS 233	Equine Reproduction	3
EQUUS 234	Horse Health	2
EQUUS 236	Horse Judging 1	2
EQUUS 242	Horse Anatomy & Unsoundness 1	2
EQUUS 243	Horse Anatomy & Unsoundness 2*	2
EQUUS 245	Draft Horses	2
EQUUS 290	Business Aspects of Raising Horses	2
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2
ELEC ANY	Electives: Bring Total to 64 Credits	1-2

**Recommended Elective Courses**

AGRI	Any Agriculture Course
EQUUS	Any Equine Studies Course

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## FIRE SERVICE TECHNOLOGY

### Associate of Applied Science

**Major Code: 4590A**

**Contact: Dr. John Miller, (208) 732-6280**  
**jmiller@csi.edu**

This program is designed for students currently employed in the Fire Service industry. Please contact program manager prior to course registration.

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
FIRS 101	Orientation 1	1
FIRS 102L	Orientation 2	1
FIRS 104	Safety 1	1
FIRS 105L	Safety 2	1
FIRS 106L	Safety 3	1
FIRS 107	First Aid 1	1
FIRS 112	Water Supply 1	1
FIRS 113L	Water Supply 2	1
FIRS 114	Fire Stream Hydraulics 1	1
FIRS 115L	Fire Stream Hydraulics 2	1
FIRS 116	Ropes Knots & Rescue 1	1
FIRS 117L	Ropes Knots & Rescue 2	2
FIRS 118	Forcible Entry 1	1
FIRS 120	Breathing Apparatus 1	1
FIRS 121L	Breathing Apparatus 2	1
FIRS 123	Hose Techniques 1	1
FIRS 124L	Hose Techniques 2	1
FIRS 125	Ladder Techniques 1	1
FIRS 126L	Ladder Techniques 2	1
FIRS 127	Building Construction 1	1
FIRS 128L	Building Construction 2	1
FIRS 129	Ventilation 1	1
FIRS 130L	Ventilation 2	1
FIRS 131	Salvage & Overhaul 1	1
FIRS 132L	Salvage & Overhaul 2	1
FIRS 133	Fundamentals of Fire Mathematics	2
FIRS 134	Fundamentals of Fire Chemistry	4
FIRS 135	Fundamentals of Fire Physics	4
FIRS 201	Fire Cause Determination	2
FIRS 202	Fire Ground Management	2
FIRS 203	Hazardous Materials Incident Analysis1	1
FIRS 204L	Hazardous Materials Incident Analysis2	1
ELEC ANY	Electives: Bring Total to 64 Credits	6

**Recommended Elective Courses**

FIRS 285	Cooperative Education	1-10
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**Total Credit Hours Required for this Major: 64**

Completion of computer literacy test required

**GEOGRAPHY**

Associate of Arts

**Major Code: 2103R**

**Contact: Lee Ann Hagan, (208) 732-6867  
lhagan@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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
GEOG 100	Physical Geography	4
SCIG GE	Any Gen. Ed. Science Course	4
GEOG 102	Cultural Geography	3
GEOG 200	World Regional Geography	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
ELEC GE	Any additional Gen. Ed. credits	1
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2
**ELEC ANY	Electives: Bring Total to 64 Credits	25-26

**Recommended Elective Courses**

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

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

*Computer literacy requirement must be completed.*

*\*Prerequisite or corequisite required.*

*\*\*No more than 20 elective credits may come from one discipline area.*

**GEOLOGY**

Associate of Science

**Major Code: 2003S**

**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH 170	Calculus 1*	5
MATH 175	Calculus 2*	4
CHEM 111	Principles of Chemistry 1*	5
CHEM 112	Principles of Chemistry 2*	5
GEOL 101	Physical Geology	4
GEOL 102	Historical Geology	4
PHYS 111	General Physics 1*	4
or PHYS 211	Physics Scientists & Engineers 1	5
PHYS 112	General Physics 2*	4

## HISTORY

## Associate of Arts

**Major Code:** 2104R**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
HIST 101	Western Civilization 1	3
HIST 102	Western Civilization 2	3
HIST 111	US History 1	3
HIST 112	US History 2	3
HIST 251	Latin American History	3
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA Activities	2
SOCY 101	Introduction to Sociology	3
ELEC ANY	Electives: Bring Total to 64 Credits	17-18

**Recommended Elective Courses**

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:** 64

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## HORTICULTURE

## Associate of Arts

**Major Code:** 1116R**Contact:** Jim Wilson, (208) 732-6403  
jwilson@csi.edu

The Horticulture program will provide students will 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 Associate of Arts program will complete the required general education courses and will be able to transfer to a university Horticulture program and complete a bachelor's degree.

or PHYS 212	Physics Scientists & Engineers 2	5
SOCS GE	Any Gen. Ed Soc. Science Course	3
SOCS GE2	2nd Gen. Ed. Soc. Science Course	3

*Social Science courses must be from 2 different disciplines*

ELEC ANY	Electives: Bring Total to 64 Credits	6-8
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**Recommended Elective Courses**

GEOG 100	Physical Geography	4
GEOL 104	Natural Disasters & Env Geology	4
GEOL 126	Fundamentals of GIS	3
GEOL 155	Introduction to GPS	2
GEOL 275	Field Geology	1-4

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

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## HEALTH PROMOTION

## Associate of Arts

**Major Code:** 1800R**Contact:** Jaime Tighe (208)-732-6479  
jtighe@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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
ACCT 201	Intro to Financial Accounting	3
ALLH 101	Medical Terminology	2
ALLH 220	Fundamentals of Nutrition	3
BIOL 227	Human Anatomy & Physiology 1	4
BIOL 228	Human Anatomy & Physiology 2*	4
BUSA 215	Introduction to Information Science	3
BUSA 250	Principles of Marketing	3
CHEM 101	Introduction to Chemistry	4
ENGL 202	Technical Communications	3
MATH 143	College Algebra*	3
PHYE 151	First Aid, CPR, and Sport Safety	3
PHYE 155	Health & Wellness	3
PHYE 225	Foundations of Health Promotion & Prevention*	3
PHYE 230	Physical Education Exit Seminar*	1
PHYE 243	Anatomical Foundations	3
PHYA	Any Physical Education Activity Course	2
PSYC 101	General Psychology	3
SOCY 101	Introduction to Sociology	3

**Total Credit Hours Required for this Major:** 68

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

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

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
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	Any additional Gen. Ed. credits	4
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
AGRI 205	General Soils*	3
AGRI 205L	General Soils Lab	1
HORT 101	Introduction to Horticulture	3
HORT 122	Landscape Maintenance	3
HORT 124	Herbaceous Plants	2
HORT 202	Plant Propagation	3
HORT 225	Arboriculture	3
HORT 234	Greenhouse Management	3
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2
ELEC ANY	Electives: Bring Total to 64 Credits	0-1

**Recommended Elective Courses**

HORT 204	Woody Landscape Plants	2
HORT 227	Horticulture Practicum*	1-6

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

**Associate of Science**

**Major Code: 1116S**

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

The Horticulture program will provide students will 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 Associate of Science program will also complete the required general education courses and will be able to transfer to a university Horticulture program and complete a bachelor's degree.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH 143	College Algebra*	3
CHEM 101	Introduction to Chemistry*	4
CHEM 102	Essentials of Organic & Biochemistry*	5
SOCS GE	Any Gen. Ed Soc. Science Course	3

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	3
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
AGRI 205	General Soils*	3
AGRI 205L	General Soils Lab	1
HORT 101	Introduction to Horticulture	3
HORT 124	Herbaceous Plants	2
HORT 200	Horticulture Seminar	1
HORT 204	Woody Landscape Plants	2
HORT 234	Greenhouse Management	3
HORT 235	Advanced Greenhouse Studies	3
ELEC ANY	Electives: Bring Total to 64 Credits	6

**Recommended Elective Courses**

BIOL 209	General Ecology*	4
MATH 253	Introductory Statistics*	3

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

**Associate of Applied Science**

**Major Code: 4116A**

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

The Horticulture program will provide students will 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 Associate of Applied Science program will also complete 16 hours of general education courses.

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
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
AGRI 121	Pest Management	4
AGRI 205	General Soils*	3
AGRI 205L	General Soils Lab	1
AGRI 212	Plant Nutrition	4
HORT 101	Introduction to Horticulture	3
HORT 122	Landscape Maintenance	3
HORT 124	Herbaceous Plants	2
HORT 202	Plant Propagation	3
HORT 204	Woody Landscape Plants	2
HORT 225	Arboriculture	3
HORT 234	Greenhouse Management	3
HORT 235	Advanced Greenhouse Management	3
HORT 240	Nursery Management	3
WATR 140	Irrigation Systems	3

**Select from the following: 1-6**

HORT 208	Urban Forestry	2
HORT 227	Horticulture Practicum*	1-6
ELEC ANY	Electives: Bring Total to 64 Credits	0-3

**Recommended Elective Courses**

AGRI	Any Agriculture Course
BIOL	Any Biology Course

CHEM Any Chemistry Course  
 WATR Any Water Resource Course

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

**Technical Certificate**

**Major Code: 4116T**

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

The Horticulture program will provide students will 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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
AGRI 102	Plant Science in Agriculture	3
AGRI 102L	Plant Science in Agriculture Lab	1
HORT 101	Introduction to Horticulture	3
HORT 114	Horticulture Activities	1
HORT 124	Herbaceous Plants	2
HORT 200I	Horticulture Seminar	1
HORT 202	Plant Propagation	3
HORT 240	Nursery Management	3
<b>Select 3 credits from the following: 3</b>		
HORT 122	Landscape Maintenance	3
HORT 147	Landscape Planning & Design	2
HORT 208	Urban Forestry	2
HORT 227	Horticulture Practicum*	1-3

**Must Select Concentration:**

**Greenhouse Concentration**

HORT 234	Greenhouse Management	3
HORT 235	Advanced Greenhouse Studies	3

**Horticulture Concentration**

HORT 204	Woody Landscapes	2
HORT 225	Arboriculture	3

**Total Credit Hours Required for this Major: 34-35**

*\*Prerequisite or corequisite required.*

**HOSPITALITY MANAGEMENT**

**Associate of Applied Science**

**Major Code: 4219A**

**Contact: Jolovich, Dianne (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. Students may choose a concentration in either Lodging or Restaurant Management.

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

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
ACCB 129	Introduction to Bookkeeping	5
BUSM 150	Human Relations in Supervision	3
CULA 160	Menu Management	3
HOSM 110	Intro to the Professional Kitchen	2
HOSM 140	Hospitality Law	3
HOSM 150	Introduction to Hospitality	3
HOSM 151	Hospitality Marketing	3
HOSM 173	Event Management	2
HOSM 174	Customer Service & Conflict Resolution	3
HOSM 266	Food and Beverage Service	3
HOSM 267	Food and Beverage Controls	3
HOSM 285	Cooperative Education*	2-3

**Choose 12-13 credits from one of the following components: 12-13**

**Lodging**

BUSM 170	Collegiate DECA	2
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

**Restaurant Management**

BUSA 101	Introduction to Business	3
BUSM 170	Collegiate DECA	0-1
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

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

**Technical Certificate**

**Major Code: 4219T**

**Contact: Jolovich, Dianne (208) 732-6407  
 djolovich@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</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
<b>Choose 19-20 credits from one of the following components:</b>		
<b>19-20</b>		

**Lodging Management:**

CULA 150	Food Sanitation	3
HOSM 110	Intro to the Professional Kitchen	2
HOSM 150	Introduction to Hospitality Management	3
HOSM 151	Hospitality Marketing	3
HOSM 154	Front Office Management	3
HOSM 174	Customer Service & Conflict Resolution	3
HOSM 285	Cooperative Education	2-3

**Restaurant Management:**

BUSM 261	Small Business Management	3
CULA 150	Food Sanitation	3
CULA 160	Menu Management	3
HOSM 110	Intro to the Professional Kitchen	2
HOSM 150	Introduction to Hospitality Management	3
HOSM 174	Customer Service & Conflict Resolution	3
HOSM 285	Cooperative Education	2-3
Total Credit Hours Required for this Major:		28-29

\*Prerequisite or corequisite required.

**HUMAN SERVICES**

## Associate of Applied Science

**Major Code: 4409A**

**Contact: Mary Feis-Christy, (208) 732-6713  
mchristy@csi.edu**

The Human Services curriculum consists of coursework that prepares students for entry into paraprofessional and/or professional human service jobs. The coursework, in conjunction with a wide variety of practicum experiences, provides a student with foundational knowledge and entry-level skills to work with clients providing direct services as well as simultaneously working with the client's "system" (i.e. organizations, agencies, communities in which the client interacts). Specialized coursework allows the student to perform a variety of job functions in most human service settings, as well as, to understand how these job functions work to help clients and/or agencies meet their goals.

Students who successfully graduate with an AAS degree in Human Services are eligible to apply for the Human Services Board Certified Practitioner (HS-BCP) certification test which is currently offered by the Center for Credentialing and Education in conjunction with the National Organization of Human Services.

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 HUMS 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/HumanServices>

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
ALLH 105	Bioethics for Health Professional	2
ALLH 202	Introduction to Allied Health	2
HUMS 101	Introduction to Human Services	3
HUMS 103	Intentional Interviewing Tech*	2
HUMS 105	Understand the Helping Relationship*	2
HUMS 185	Clinical Practicum 1*	4
HUMS 202	Group Dynamics Leadership	2
HUMS 280	Clinical Practicum 2*	4
HUMS 285	Cooperative Education	4
HUMS 295	Clinical Practicum 3*	4
HUMS 297	Human Services Seminar 1	2
HUMS 298	Human Services Seminar 2*	2
ELEC ANY	Electives: Bring Total to 64 Credits	15

**Recommended Elective Courses**

ADDS	Any ADDS course	
ALLH 230	Healthy Aspects of Aging	3
BUSM 150	Human Relations in Supervision	3
CRIJ 103	Introduction to Law & Justice	3
EARC 185	Recognizing Child Abuse	1
SOCY 101	Introduction to Sociology	3

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

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

**Technical Certificate**

**Major Code: 4409T**

**Contact: Mary Feis-Christy, (208) 732-6713  
mchristy@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</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 202	Introduction to Allied Health	2
HUMS 101	Introduction to Human Services	3
HUMS 103	Intentional Interviewing Tech*	2
HUMS 105	Understand the Helping Relationship*	2
HUMS 185	Clinical Practicum 1*	4
HUMS 202	Group Dynamics Leadership	2
HUMS 280	Clinical Practicum 2*	4
HUMS 295	Clinical Practicum 3*	4

**Recommended Elective Courses**

ALLH 105	Bioethics for Health Professional	2
ALLH 230	Healthy Aspects of Aging	3

**Total Credit Hours Required for this Major: 32**

\*Prerequisite or corequisite required.

**INDUSTRIAL MECHANICS TECHNOLOGY****Technical Certificate**

**Major Code: 4585T**

**Contact: Terry Patterson, (208) 732-6402  
tpatterson@csi.edu**

This program is designed for students currently employed in the Industrial Mechanics industry. Please contact program manager prior to course registration.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen Ed Math Course*	3
SOCS GE	Any Gen Ed Soc. Science Course	3
INDM 101	Industrial Safety*	1
INDM 105	Industrial Tools and Equipment	1
INDM 110	Fundamentals of Electricity/Electronics*	2
INDM 112	AC Electrical Circuits 1*	1
INDM 114	DC Electrical Circuits 1*	1
INDM 135	Industrial Rigging and Crane Operations	1
INDM 141	Mechanical Drive Systems	2
INDM 151	Fluid Power and Hydraulics	2
INDM 161	Electrical Motors and Generators*	2
INDM 165	Electrical Motor Controls	2
INDM 178 or or INDM 180	Preventative Maintenance & Repair Industrial Fabrication	3
PHYE 150	First Aid & CPR	2

**Total Credit Hours Required for this Major: 29**

\*Prerequisite or corequisite required.

## LABORATORY ASSISTANT

### Postsecondary Certificate

**Major Code: 4114V**  
**Contact: Terry Patterson, (208) 732-6402**  
**tpatterson@csi.edu**

Laboratory assistants and technicians acquire most of their skills through on-the-job training. Assistants begin with routine job in a laboratory and technicians supervise or lead projects. Students in this program learn through actual work in the Idaho Food Quality Assurance Laboratory (IFQAL) on the campus. As they meet specific laboratory competencies they are awarded credit in the classes. Availability of this program is determined each semester by the number of positions available, if any. Contact the program manager for more information.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
LABT 101	Laboratory Safety	2
LABT 125	Laboratory Procedures 1	4
LABT 150	QA/QC in the Laboratory	2
LABT 201	Laboratory Instrumentation	1
LABT 250	Laboratory Procedures 2	4

**Total Credit Hours Required for this Major: 13**

## LAW (PRE)

### Associate of Arts

**Major Code: 2105R**  
**Contact: Lee Ann Hagan, (208) 732-6867**  
**lhagan@csi.edu**

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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
BIOL 120	Environmental Science	4
SCIG GE	Any Gen. Ed. Science Course	4
CRIJ 103	Introduction to Law & Justice	3
POLS 101	American National Government	3
POLS 102	Introduction to Political Science	3
ELEC GE	Any additional Gen. Ed. credits	1
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2
ELEC ANY**	Electives: Bring Total to 64 Credits	25-26

### **Recommended Elective Courses**

BUSA 215	Introduction to Information Science	3
CRIJ 276	Law of Arrest Search & Seizure*	3
HIST 111	US History 1	3
PHIL 201	Logic & Language	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

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

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

\*\*No more than 20 college-level elective credits may come from one discipline area.

## LAW ENFORCEMENT

### Associate of Applied Science

**Major Code: 4610A**  
**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>

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH 123	Math in Modern Society	3
CRIJ 101	Introduction to Criminal Justice	3
CRIJ 102	Introduction to Police	3
CRIJ 103	Introduction to Law & Justice	3
CRIJ 104	Introduction to Corrections	3
CRIJ 201	Community-Based Corrections	3
CRIJ 275	Criminal Evidence Law*	3
CRIJ 276	Law of Arrest Search & Seizure*	3
CISA 101	Computer Literacy Skill Development	3
ELEC GE	Any additional Gen. Ed. credits	4
LAWE 101	Introduction to Law Enforcement	2
LAWE 103	Basic Law	3
LAWE 105	Police Procedures	2
LAWE 106	Police Proficiencies	2
LAWE 107	Law Enforcement Leadership	1
LAWE 111	Patrol Procedures	3
LAWE 115	Criminal Investigation	1
LAWE 117	Advanced Patrol Procedures	2
LAWE 120	Cadet Practicum 1	1
LAWE 121	Cadet Practicum 2	1
LAWE 122	Cadet Practicum 3	1
LAWE 126	Basic Collision Investigation	2
LAWE 130	Detention Admin Issues	1
LAWE 131	Detention Legal Issues	1
LAWE 133	Detention Proficiencies	1
LAWE 222	Fit For Duty	3

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

**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

**Technical Certificate**

**Major Code: 4610T**

**Contact: Don Hall, (208) 732-6339  
dhall@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
or ENGL 101	English Composition 1*	3
MATH 123	Math in Modern Society	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
LAWE 101	Introduction to Law Enforcement	2
LAWE 103	Basic Law	3
LAWE 105	Police Procedures	2
LAWE 106	Police Proficiencies	2
LAWE 107	Law Enforcement Leadership	1
LAWE 111	Patrol Procedures	3

LAWE 115	Criminal Investigation	1
LAWE 117	Advanced Patrol Procedures	2
LAWE 120	Cadet Practicum 1	1
LAWE 121	Cadet Practicum 2	1
LAWE 122	Cadet Practicum 3	1
LAWE 126	Basic Collision Investigation	2
LAWE 130	Detention Administration Issues	1
LAWE 131	Detention Legal Issues	1
LAWE 133	Detention Proficiencies	1
LAWE 222	Fit For Duty	3

**Total Credit Hours Required for this Major: 36**

*\*Prerequisite or corequisite required.*

**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

**Postsecondary Certificate**

**Major Code: 4610V**

**Contact: Don Hall, (208) 732-6339  
dhall@csi.edu**

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
LAWE 101	Introduction to Law Enforcement	2
LAWE 103	Basic Law	3
LAWE 105	Police Procedures	2
LAWE 106	Police Proficiencies	2
LAWE 107	Law Enforcement Leadership	1
LAWE 111	Patrol Procedures	3
LAWE 115	Criminal Investigation	1
LAWE 117	Advanced Patrol Procedures	2
LAWE 120	Cadet Practicum 1	1
LAWE 121	Cadet Practicum 2	1
LAWE 122	Cadet Practicum 3	1
LAWE 126	Basic Collision Investigation	2
LAWE 130	Detention Admin Issues	1
LAWE 131	Detention Legal Issues	1
LAWE 133	Detention Proficiencies	1
LAWE 222	Fit For Duty	3

**Total Credit Hours Required for this Major: 27**

**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

## LIBERAL ARTS

### Associate of Arts

**Major Code:** 1002R

**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
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
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2
ELEC ANY**	Electives: Bring Total to 64 Credits	25-26
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

\*Prerequisite or corequisite required.

\*\*No more than 20 college-level elective credits may come from one discipline area.

Computer literacy requirement must be completed.

## LIBRARY AND INFORMATION SCIENCE

### Associate of Arts

**Major Code:** 1602R

**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
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 215	Introduction to Information Science	3
or CISA 101	Computer Literacy Skill Development	3
LIIS 150	Intro to Library & Information Science	3
LIIS 210	Organization of Info & Resources*	3
LIIS 230	Library Technology	3
LIIS 250	Reference Resources and Services*	3
LIIS 260	Copyright & Intellectual Property	1
LIIS 270	Information Literacy	3
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2
<b>Select from the following:</b>		<b>9</b>
BUSA 207	Bus Statistics for Decision Making 1*	3
BUSA 255	Leadership Development Skills*	3
BUSA 265	Legal Environment	3
BUSM 150	Human Relations in Supervision	3
CISA 115	Introduction to Spreadsheets*	1
CISA 125	Introduction to Database Management*	1
CISA 135	Introduction to Presentation Software	1
CISW 113	Website Design & Management*	3
CISG 101	PhotoShop 1*	3
CISG 207	Page Layout and Design*	3
EARC 194	Intro to Teaching Children's Literature	3
EDUC 215	Educational Technology	3

**Total Credit Hours Required for this Major:** **66-67**

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## MANUFACTURING TECHNOLOGY

### Associate of Applied Science

**Major Code: 4584A**

**Contact: Ben Hamlett (208) 732-6374  
bhamlett@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>

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
PHYS 100	Survey of Physics	4
MANT 105	CAD Engineering Design	3
MANT 111	Introduction to Manufacturing	3
MANT 250	Machine Maintenance	3
MANT 255	Plastics and Molding Systems	3
MANT 265	Lean Manufacturing	3
MANT 290	Comprehensive Manufacturing Project*	4
ELEC Any	Electives: Bring Total to 64 Credits	9
<b>Select from the following: 20</b>		
MANT 130	Introduction to Control Systems	4
MANT 141	Introduction to Machining	3
MANT 142	Automation and Robotics	3
MANT 143	Advanced Machining*	4
MANT 145	Introduction to NC and CNC*	4
MANT 155	CAD/CAM Applications*	4
MANT 205	Advanced CAD Engineering Design	3
MANT 230	Advanced Control Systems	3
MANT 241	Advanced Automation and Robotics	4
MANT 256	Advanced CAD/CAM Systems	4
<b>Recommended Elective Courses:</b>		
MANT	Any Manufacturing Tech Course(s)	1-9
WELD	Any Welding Course(s)	1-9
CABW	Any CABW or Woodworking Course(s)	1-9
MANT 280	Manufacturing Projects	1-8
MANT 285	Cooperative Educations	1-8
BUSM 150	Human Relations in Supervision	3
CISA 101	Computer Literacy Skill Development	3
CISA 104	Business Writing	3
CISA 107	Communicating with Technology	3
PHYE 150	First Aid & CPR	2

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

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

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

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.

## Technical Certificate

**Major Code: 4584T**

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

Course	Course Title	Cr Hrs
<b>Required Courses</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
MANT 105	CAD Engineering Design	3
MANT 111	Introduction to Manufacturing	3
MANT 265	Lean Manufacturing	3
<b>Select from the following: 14</b>		
MANT 130	Intro to Control Systems	4
MANT 141	Introduction to Machining	3
MANT 142	Intro to Automation and Robotics	3
MANT 143	Advanced Machining*	4
MANT 145	Introduction to NC & CNC	4
MANT 155	CAD/CAM Applications	4
MANT 205	Advanced CAD Engineering Design*	3
MANT 241	Advanced Automation and Robotics	4
	Any MANT Course	1-14

**Total Credit Hours Required for this Major: 32**

\*Prerequisite or corequisite required.

## MATHEMATICS

### Associate of Science

**Major Code: 1720S**

**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH 170	Calculus 1*	5
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
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	2
COMS 229	Intro to Programming C++*	3
MATH 175	Calculus 2*	4
MATH 176	Discrete Mathematics*	4
MATH 230	Introduction to Linear Algebra*	3
MATH 253	Elementary Statistics*	3
MATH 275	Calculus 3*	4
MATH 310	Ordinary Differential Equations*	3
ELEC ANY	Electives: Bring Total to 64 Credits	4
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## MEDICAL ASSISTANT

### Technical Certificate

**Major Code: 4410T**

**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 (CAAHEP, 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.

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/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>

Course	Course Title	Cr Hrs
<b>Required Courses</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 127	Human Structure & Function	4
MEDA 109	Pharmacology	2
MEDA 131	Medical Office Procedures*	5
MEDA 201	Integrated Medical Procedures	3
MEDA 220	Human Diseases	3
MEDA 233	Clinical Procedures 1*	3
MEDA 234	Clinical Procedures 2*	3
MEDA 235	Practicum*	4

**Total Credit Hours Required for this Major: 38**

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## MUSIC

### Associate of Arts

**Major Code: 1431R**

**Contact: Brent Jensen, (208) 732-6765  
bjensen@csi.edu**

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.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
MUSI 100	Music Appreciation	3
MUSI 108	Survey of Jazz and Pop Music	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
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

MUSI 101	Theory of Music 1*	3
MUSI 102	Theory of Music 2*	3
MUSI 111	Aural Skills 1	1
MUSI 112	Aural Skills 2*	1
MUSI 201	Theory of Music 3*	3
MUSI 202	Theory of Music 4*	3
MUSI 211	Aural Skills 3*	1
MUSI 212	Aural Skills 4*	1
MUSI 243	Music Portfolio and Final Recital*	2
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2

**Concentration Area Courses/Ensemble Requirements 12****Total Credit Hours Required for this Major: 68-69**

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

**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.

**COURSES AND ENSEMBLE REQUIREMENTS FOR VOCAL CONCENTRATION**

MUSI 130	Chamber Choir (1 cr) take four times	4
MUSI 145	Class Voice	2
MUSA 102	Voice Lesson 1 for Voice Majors	2
MUSA 202	Voice Lesson 2 for Voice Majors	2

**Select any 2 credits from the following: 2**

(The same ensemble may be used multiple times)

MUSI 120	Symphonic Band	1
MUSI 121	Symphony Orchestra	1
MUSI 133	Percussion Ensemble	1

**For more information on Vocal Concentration, contact Carson Wong, Phone: (208) 732-6766 or e-mail: cwong@csi.edu**

**COURSES AND ENSEMBLE REQUIREMENTS FOR BRASS CONCENTRATION**

MUSI 130	Chamber Choir (1 cr) take twice	2
MUSA 142	Brass Lesson 1 for Brass Majors (2 crs) take twice	4
MUSA 242	Brass Lesson 2 for Brass Majors	2

**Select any 4 credits from the following: 4**

(The same ensemble may be used multiple times)

MUSI 120	Symphonic Band	1
MUSI 121	Symphony Orchestra	1

**For more information on Brass Concentration, contact George Halsell, Phone: (208)732-6767 or e-mail: ghalsell@csi.edu**

**COURSES AND ENSEMBLE REQUIREMENTS FOR STRING CONCENTRATION**

MUSI 130	Chamber Choir (1 cr) take twice	2
MUSA 132	String Lesson 1 for String Majors (2 crs) take twice	4
MUSA 232	String Lesson 2 for String Majors	2

**Select any 4 credits from the following: 4**

(The same ensemble may be used multiple times)

MUSI 120	Symphonic Band	1
MUSI 121	Symphony Orchestra	1

**For more information on String Concentration, contact Carson Wong, Phone: (208) 732-6766 or e-mail to: cwong@csi.edu**

**COURSES AND ENSEMBLE REQUIREMENTS FOR PERCUSSION CONCENTRATION**

MUSI 130	Chamber Choir (1 cr) take twice	2
MUSA 162	Percussion Lesson 1 for Percussion Majors (2 crs) take twice	4
MUSA 262	Percussion Lesson 2 for Percussion Majors	2

**Select any 4 credits from the following: 4**

(The same ensemble may be used multiple times)

MUSI 120	Symphonic Band	1
MUSI 121	Symphony Orchestra	1

**For more information on Percussion Concentration, contact Brent Jensen, Phone: (208)732-6765 or e-mail: bjensen@csi.edu**

**COURSES AND ENSEMBLE REQUIREMENTS FOR WOODWIND CONCENTRATION**

MUSI 130	Chamber Choir (1 cr) take twice	2
MUSA 152	Woodwind Lesson 1 for Woodwind Majors (2 crs) take twice	4
MUSA 252	Woodwind Lesson 2 for Woodwind Majors	2

**Select any 4 credits from the following: 4**

(The same ensemble may be used multiple times)

MUSI 120	Symphonic Band	1
MUSI 121	Symphony Orchestra	1

**For more information on Woodwind Concentration, contact Brent Jensen, Phone: (208)732-6765 or e-mail: bjensen@csi.edu**

**COURSES AND ENSEMBLE REQUIREMENTS FOR CLASSICAL GUITAR CONCENTRATION**

MUSI 130	Chamber Choir (1 cr) take twice	2
MUSA 122	Classical Guitar Lesson 1 for Classical Guitar Majors (2 crs) take twice	4
MUSA 222	Classical Guitar Lesson 2 for Classical Guitar Majors	2

**Select any 4 credits from the following: 4**

(The same ensemble may be used multiple times)

MUSI 120	Symphonic Band	1
MUSI 121	Symphony Orchestra	1
MUSI 133	Percussion Ensemble	1

**For more information on Classical Guitar Concentration, contact Brent Jensen, Phone: (208)732-6765 or e-mail: bjensen@csi.edu**

**COURSES AND ENSEMBLE REQUIREMENTS FOR KEYBOARD CONCENTRATION**

MUSI 130	Chamber Choir (1 cr) take twice	2
MUSA112	Piano Lesson 1 for Piano majors (2 cr) take twice	4
MUSA 212	Piano Lesson 2 for Piano Majors	2

**Select any 2 credits from the following: 2**

(The same ensemble may be used multiple times)

MUSI 120	Symphonic Band	1
MUSI 121	Symphony Orchestra	1
MUSI 133	Percussion Ensemble	1

**Select any 2 additional credits from the following: 2**

*(The same ensemble may be used multiple times)*

MUSI 120	Symphonic Band	1
MUSI 121	Symphony Orchestra	1
MUSI 130	Chamber Choir	1
MUSI 133	Percussion Ensemble	1

**For information on Keyboard Concentration contact Sue Miller, Phone: (208)732-6769 or e-mail: smiller@csi.edu**

**NETWORK SYSTEMS TECHNICIAN**

Associate of Applied Science

**Major Code: 4337A**

**Contact: RD Van Noy, (208) 732-6309  
rvannoy@csi.edu**

This program is designed to prepare students for a career as a network administrator or technician. 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.

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.

There are additional admissions requirements for this program. Please contact the advisor listed or the Advising Center for more information.

For more information about this program including a semester sequence of courses see our website at: [http://it.csi.edu/network\\_support/index.asp](http://it.csi.edu/network_support/index.asp)

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

**Fall Semester Freshman Year**

Course	Course Title	Credits
CISA 103	Workforce Skills Essentials	3
CISS 107	Computer Operating Systems	3
CISS 116	Network Technology	3
ENGL 101	English Composition	3
MATH 123	Math in Modern Society	3

**Total 15**

**Spring Semester Freshman Year**

CISS 110	Troubleshooting Hardware for the PC*	2
CISS 110L	Hardware Lab*	1
CISS 125	Microsoft Client Administration*	3
CISS 131	Microsoft Server Administration*	3
CISS 213	CISCO Networking 1* (Spring Only)	3
	Social Science General Education Class	3

**Total 15**

Student that have completed the first two semesters have earned and should apply for the Computer Support Technical Certificate.

**Fall Semester Sophomore Year**

CISS 216	CISCO Networking 2*(Fall Only)	3
CISS 219	CISCO Networking 3*(Fall Only)	3
CISS 233	Network Security *(Fall Only)	3
CISS 236	Linux/Unix *(Fall Only)	3
CISW 125	Introduction to Programming (Fall Only)	3

**Total 15**

**Spring Semester Sophomore Year**

CISS 222	CISCO Networking 4*(Spring Only)	3
CISS 234	MS Server Active Directory*(Spring Only)	3
CISS 240	CISCO CCNA Security*(Spring Only)	3
CISS 223	Advanced Internship	3
COMM 101	Fundamentals of Oral Communication	3
ELEC GE	Any additional Gen. Ed. credits	4

**Total 19**

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

**NURSING - PRACTICAL**

Technical Certificate

**Major Code: 4411T**

**Contact: Tammy Pehrson, 732-6727  
tpehrson@csi.edu**

Licensed Practical Nurses practice in long term care facilities, physician offices, rural hospitals, and administrative offices. LPN's completing the program at CSI graduate with IV Therapy Certification as well as Charge Nurse 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>

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any GE MATH Course	3
PSYC 101	General Psychology	3
ALLH 101	Medical Terminology	2
BIOL 127	Human Structure & Function	4
NURP 101	Professional Concepts*	1
NURP 102	Normal Nutrition	1
NURP 106	Fundamentals*	6
NURP 110	Pharmacology for Practical Nursing 1*	1
NURP 111	Pharmacology for Practical Nursing 2*	1
NURP 113	Therapeutic Nutrition*	1
NURP 120	Medical Surgical 1*	5
NURP 121	Medical Surgical 2*	5
NURP 130	Maternal Child 1	4
NURP 131	Maternal Child 2	4
NURP 220	Medical Surgical 3*	5

**Total Credit Hours Required for this Major: 49**

*\*Prerequisite or corequisite required.*

## NURSING - REGISTERED

### Associate of Science

**Major Code: 1501S**

**Contact: Valerie Warner, (208) 732-6724  
vwarner@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 National League for Nursing Accrediting Commission, Inc., 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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities	3
MATH 143	College Algebra*	3
or MATH 253	Elementary Statistics	3
BIOL 221	Introductory Microbiology	4
BIOL 227	Human Anatomy & Physiology 1	4
BIOL 228	Human Anatomy & Physiology 2*	4
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>Recommended Elective Courses</b>		
ALLH 101	Medical Terminology	2
NURR 190	Caring for the Emerging Diverse Com	3
NURR 250	Physical Assessment*	3
<b>Total Credit Hours Required for this Major:</b>		<b>74</b>
*Prerequisite or corequisite required.		
<i>Computer literacy requirement must be completed.</i>		

## PARAMEDIC

### Associate of Applied Science

**Major Code: 4413A**

**Contact: Gordy Kokx, (208) 732-6710  
gkokx@csi.edu**

The Paramedic Program at the College of Southern Idaho offers 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)

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/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>

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
PSYC 101	General Psychology	3
BIOL 227	Human Anatomy & Physiology 1	4
BIOL 228	Human Anatomy & Physiology 2*	4
ALLH 101	Medical Terminology	2
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 Credit Hours Required for this Major:</b>		<b>69</b>
*Prerequisite or corequisite required.		
<i>Computer literacy requirement must be completed.</i>		

## Technical Certificate

**Major Code:** 4413T**Contact:** Gordy Kokx, (208) 732-6710  
gkokx@csi.edu

Course	Course Title	Cr Hrs
<b>Required Courses</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 127	Human Structure & Function	4
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

**Total Credit Hours Required for this Major:** 56*\*Prerequisite or corequisite required.*

## PHARMACY (PRE)

## Associate of Science

**Major Code:** 2004S**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH 170	Calculus*	5
BIOL 201	Biology 1	4
BIOL 227	Human Anatomy & Physiology 1	4
BIOL 228	Human Anatomy & Physiology 2*	4
BIOL 250	General Microbiology*	4
CHEM 111	Principles of Chemistry 1*	5
CHEM 112	Principles of Chemistry 2*	5
CHEM 298	Organic Chemistry 1*	4
CHEM 299	Organic Chemistry 2*	5
PHYS 111	General Physics 1*	4

ECON 201	Principles of Macroeconomics	3
or ECON 202	Principles of Microeconomics	3
<i>Social Science courses must be from 2 different disciplines.</i>		
SOCS GE	Any Gen. Ed Soc. Science Course	3

**Total Credit Hours Required for this Major:** 65*\*Prerequisite or corequisite required.**Computer literacy requirement must be completed.*

## PHYSICAL EDUCATION K-12

## Associate of Arts

**Major Code:** 2126R**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen Ed Humanities Course	3
MATH 143	College Algebra	3
BIOL 227	Human Anatomy & Physiology 1	4
PSYC 101	General Psychology	3
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
ELEC GE	Any additional Gen. Ed.	4
SOCY 101	Introduction to Sociology	3
EDUC 201	Foundations of Education	3
EDUC 202	Field Experience*	1
EDUC 204	Families, Communities, & Culture*	3
EDUC 205	Development/Individual Differences*	3
EDUC 215	Educational Technology*	3
PHYE 151	First Aid, CPR, and Sport Safety	3
PHYE 155	Health & Wellness	3
PHYE 160	Introduction to Physical Education	3
PHYE 230	Physical Education Exit Seminar*	1
PHYE 243	Anatomical Foundations	3
<b>Select 6 credits from the following:</b>		
PHYE 135	Court Skills & Analysis*	3
PHYE 136	Field Skills & Analysis*	3
PHYE 137	Fitness Skills & Analysis*	3

**Total Credit Hours Required for this Major:** 68*\*Prerequisite or corequisite required.**Computer literacy requirement must be completed.*

**PHYSICAL EDUCATION-ATHLETIC TRAINING**

## Associate of Arts

**Major Code:** 1801R**Contact:** Jaime Tigue, (208) 732-6479  
jtigue@csi.edu

The Athletic Training Associate of Arts degree 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. The goals of the program are to help students earn an Associate of Arts degree in Physical Education with a concentration in Athletic Training and to assist students with transfer to a four-year program in Athletic Training or related field. Students take courses from the CSI general education core as well as specific program requirements in Physical Education.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
ALLH 101	Medical Terminology	2
ALLH 220	Fundamentals of Nutrition	3
BIOL 227	Human Anatomy & Physiology 1	4
BIOL 228	Human Anatomy & Physiology 2*	4
CHEM 111	Principles of Chemistry 1*	5
CHEM 112	Principles of Chemistry 2*	5
MATH 147	Precalculus*	5
PHYE 101	Athletic Training Clinical 1*	1
PHYE 102	Athletic Training Clinical 2*	1
PHYE 151	First Aid, CPR, and Sport Safety	3
PHYE 155	Health & Wellness	3
PHYE 160	Introduction to Physical Education	3
PHYE 220	Modern Principles of Athletic Training	3
PHYE 221	Training & Taping Techniques	2
PHYE 230	Physical Education Exit Seminar*	1
PHYE 243	Anatomical Foundations	3
PSYC 101	General Psychology	3
SOCY 101	Intro to Sociology	3
Elective:	Select PHYA Activity Class	1
<b>Total Credit Hours Required for this Major:</b>		<b>70</b>

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

**PHYSICAL EDUCATION-EXERCISE SCIENCE**

## Associate of Arts

**Major Code:** 1801R**Contact:** Jaime Tigue, (208) 732-6479  
jtigue@csi.edu

The Exercise Science Associate of Arts degree 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. The goals of the program are to help students earn an Associate of Arts degree in Exercise Science and to assist students with transfer to

a four-year program in Exercise Science or related field. Students take courses from the CSI general education core as well as specific program requirements in Physical Education.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
SOCS GE	Any Gen. Ed. Soc. Science Course	3
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
ALLH 220	Fundamentals of Nutrition	3
BIOL 227	Human Anatomy & Physiology 1	4
BIOL 228	Human Anatomy & Physiology 2*	4
CHEM 111	Principles of Chemistry 1*	5
CHEM 112	Principles of Chemistry 2*	5
MATH 147	Precalculus*	5
PHYE 151	First Aid, CPR, and Sport Safety	3
PHYE 155	Health & Wellness	3
PHYE 160	Introduction to Physical Education*	3
PHYE 230	Exit Seminar*	1
PHYE 243	Anatomical Foundations	3
PHYS 111	General Physics 1*	4
PHYS 112	General Physics 2*	4
ELECTIVE	Select PHYA Activity Class	2
<b>Total Credit Hours Required for this Major:</b>		<b>70</b>

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

**PHYSICAL EDUCATION-OUTDOOR RECREATION**

## Associate of Arts

**Major Code:** 1801R**Contact:** Jonathon Lord, (208) 732-6484  
jlord@csi.edu

The Outdoor Recreation Associate of Arts degree 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. The goals of the program are to help students earn an Associate of Arts degree in Outdoor Recreation and to assist students with transfer to a four-year program in Recreation, Recreation and Leisure, Outdoor Recreation, or related field. Students take courses from the CSI general education core as well as specific program requirements in Physical Education.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
ANTH 102	Cultural Anthropology	3
BIOL 120	Environmental Science	4
BIOL 201	Biology 1	4
COMM 101	Fundamentals of Oral Communication	3
COMM 201	Business & Professional Speaking	3
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
ENGL 202	Technical Communication	3
HUMA GE	Any Gen. Ed. Humanities Course	3
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3

MATH 123	Math in Modern Society*	3
GEOL 101	Physical Geology*	4
PSYC 101	General Psychology	3
PHYA 144	Beginning Cross Country Skiing	1
PHYA 145	Introduction to Climbing	1
PHYA 146	Intermediate Climbing	2
PHYA 147	Beginning Kayaking	1
PHYA 148	Intermediate Kayaking & Whitewater Safety	1
PHYA 240	Map, Compass, & Backcountry Navigation	1
PHYA 241	Winter Survival Skills	1
PHYA 242	Wilderness Survival Skills	1
PHYA 243	Backpacking	1
PHYE 151	First Aid, CPR, and Sport Safety	3
PHYE 152	Experiential Education	2
PHYE 155	Health & Wellness	3
PHYE 160	Introduction to Physical Education	3
PHYE 230	Physical Education Exit Seminar*	1
PHYE 243	Anatomical Foundations	3
PHYE 283	Leave No Trace Trainer	1

**Total Credit Hours Required for this Major: 68**

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

PHYE 230	Physical Education Exit Seminar*	1
PHYE243	Anatomical Foundations	3
Elective:	Select PHYA Activity Class	2
<b>Select 6 credits from the following:</b>		<b>6</b>
PHYE 135	Court Skills & Analysis*	3
PHYE 136	Field Skills & Analysis*	3
PHYE 137	Fitness Skills & Analysis*	3

**Total Credit Hours Required for this Major: 66**

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## PHYSICAL THERAPIST ASSISTANT

Associate of Applied Science

**Major Code: 4420A**

**Contact: Hannah Clark (208)732-6730  
hclark@csi.edu**

The Physical Therapists Assistant program prepares students for employment as a physical therapist assistant (PTA). The PTA works together with the physical therapist to implement the plan of care to aid patients and clients return to maximal function. Students are instructed in principles and procedures of the PTA which include therapeutic modalities, therapeutic exercise, manual therapy and neurological interventions. Students will learn basic sciences of anatomy, physiology, kinesiology, and neurology. Clinical Experiences are integrated throughout the curriculum to offer students the opportunity to practice the techniques they have learned each semester. The program is designed to be completed in 2 years, including clinical affiliations each summer. The program is seeking accreditation from the Commission on Accreditation of Physical Therapy Education (CAPTE, 1111 N Fairfax St. Alexandria, VA 22314-1488). Graduates will be eligible to sit for the national physical therapy exam.

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.

## PHYSICAL EDUCATION-SPORT MANAGEMENT

Associate of Arts

**Major Code: 1801R**

**Contact: Scott Rogers, (208) 732-6488  
srogers@csi.edu**

The Sport Management Associate of Arts degree 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. The goals of the program are to help students earn an Associate of Arts degree in Sport Management and to assist students with transfer to a four-year program in Sports Management or related field. Students take courses from the CSI general education core as well as specific program requirements in Physical Education.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course**	4
SCIG GE2	Any 2nd Gen. Ed. Science Course**	4
ECON 202	Principles of Microeconomics	3
SOCS GE2	Any 2nd Gen. Ed. Soc. Science Course	3
ELEC GE	Any additional Gen. Ed. credits	4
ACCT 201	Intro to Financial Accounting*	3
BUSA 215	Introduction to Information Science	3
or CISA 101	Computer Literacy Skill Development	3
COMM 201	Business & Professional Speaking	3
PHYE 151	First Aid, CPR, and Sport Safety	3
PHYE 155	Health & Wellness	3
PHYE 160	Introduction to Physical Education	3

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English composition 1*	3
BIOL 227	Human Anatomy and Physiology 1	4
BIOL 228	Human Anatomy and Physiology 2	4
MATH GE	Any GE Math course	3
PSYC 101	General Psychology	3
ALLH 101	Medical Terminology	2
PTAE 101	Physical Therapy in Health Care	2
PTAE 105	Therapeutic Modalities 1	3
PTAE 106	Applied Kinesiology	3
PTAE 110	Principles and Procedures of PT	3
PTAE 150	Clinical Affiliation 1 (4 weeks)	4
PTAE 201	Clinical Pathology	3
PTAE 203	Therapeutic Exercise	3
PTAE 205	Therapeutic Modalities 2	3
PTAE 206	Applied Anatomy and Physiology	3
PTAE 210	Manual Therapy	3

PTAE 211	Measurement and Assessment	2
PTAE 213	Neurological Rehabilitation	3
PTAE 220	Evidence-Based Practice	1
PTAE 225	Clinical Education 1	1
PTAE 226	Clinical Education 2	1
PTAE 250	Clinical Affiliation 2	4
PTAE 255	Clinical Affiliation 3	6

**Total Credit Hours Required for this Major: 70**

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## PHYSICS

### Associate of Science

**Major Code: 2005S**

**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH 170	Calculus 1*	5
MATH 175	Calculus 2*	4
CHEM 111	Principles of Chemistry 1*	5
CHEM 112	Principles of Chemistry 2*	5
SCIG GE	Any Gen. Ed. Science Course	4
PHYS 211	Physics Scientists & Engineers 1*	5
PHYS 212	Physics Scientists & Engineers 2*	5
SOCS GE	Any Gen. Ed Soc. Science Course	3
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	Electives: Bring Total to 64 Credits	9
<b>Recommended Elective Courses</b>		
MATH 230	Introduction to Linear Algebra*	3
MATH 275	Calculus 3*	4
MATH 310	Ordinary Differential Equations*	3

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## POLITICAL SCIENCE

### Associate of Arts

**Major Code: 2106R**

**Contact: Lee Ann Hagan, (208) 732-6867  
lhagan@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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
POLS 101	American National Government	3
POLS 102	Introduction to Political Science	3
SOCS GE	Any 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
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2
ELEC ANY**	Electives: Bring Total to 64 Credits	25-26

### Recommended Elective Courses

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

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

*\*Prerequisite or corequisite required.*

*\*\*No more than 20 elective credits may come from one discipline area.*

## PSYCHOLOGY

### Associate of Arts

**Major Code:** 2107R

**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH 143	College Algebra*	3
BIOL 100	Concepts of Biology	4
or BIOL 201	Biology I	4
or BIOL 227	Human Anatomy & Physiology 1	4
SCIG GE	Any Gen. Ed. Science Course	4
PSYC 101	General Psychology	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
PSYC 120	Careers in Psychology*	1
PSYC 201	Child & Adolescent Development*	3
PSYC 217	Statistical Methods*	3
PSYC 228	Intro to Tests & Measurements*	3
ELEC GE	Any additional Gen. Ed. credits	4
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2
ELEC ANY	Electives: Bring Total to 64 Credits	15-16
<b>Recommended Elective Courses</b>		
BIOL 228	Human Anatomy & Physiology 2*	4
MATH 253	Elementary Statistics	3
PSYC 211	Psychology of Death and Dying	3
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## RADIOLOGIC TECHNOLOGY

### Associate of Applied Science

**Major Code:** 4414A

**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. 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.

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/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>

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
BIOL 127	Human Structure and Function	4
ELEC GE	Any additional Gen. Ed. Credits	4
MATH GE	Any Gen. Ed. Math Course	3
PSYC 101	General Psychology	3
or SOCY 101	Introduction to Sociology	3
ALLH 101	Medical Terminology	2
RADT 101	Radiologic Science	3
RADT 102	Orientation to Radiologic Technology	1
RADT 151	Radiographic Procedures 1	4
RADT 151L	Radiographic Procedures 1 Lab*	1
RADT 152	Radiation Protection	2
RADT 153	Image Analysis	1
RADT 162	Radiographic Procedures 2	4
RADT 162L	Radiographic Procedures 2 Lab	1
RADT 163	Imaging Equipment	2
RADT 164	Imaging & Processing	2
RADT 165	Fundamentals of Computed Tomography	3
RADT 180C	Clinical Education 1*	7
RADT 181C	Clinical Education 2*	7
RADT 182C	Clinical Education 3*	12
<b>Total Credit Hours Required for this Major:</b>		<b>72</b>

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

## SOCIAL WORK

### Associate of Arts

**Major Code:** 2112R  
**Contact:** Susan McFarland, (208) 732-6878  
 smcfarland@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.

Social Work graduates are employed in many different public & private work settings, including: Nursing homes, Hospices, Hospitals, Home care agencies, Substance abuse programs, Mental health services, Mental retardation/developmental disabilities services, Vocational rehabilitation services, Public health agencies, Community actions agencies, Family services agencies, Children & youth agencies, Child Welfare agencies, Aging services, Residential treatment programs, Child & adult day care centers, Domestic violence programs, Homeless shelters, Criminal justice agencies, School (elementary & secondary), Income maintenance, Legal service agencies.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH 143	College Algebra*	3
BIOL 100	Concepts of Biology	4
SCIG GE	Any Gen. Ed. Science Course	4
ANTH 101	Physical Anthropology	3
or ANTH 102	Cultural Anthropology	3
ECON 201	Principles of Macroeconomics	3
or ECON 202	Principles of Microeconomics	3
HIST GE	Any Gen. Ed. History	3
POLS 101	American National Government	3
PSYC 101	General Psychology	3
PSYC 201	Child & Adolescent Development*	3
SOCW 201	Intro Social Work/Social Welfare	3
SOCW 202	Foundations of Social Work	3
SOCW 272	Human Behavior & Social Environment	3
SOCY 101	Introduction to Sociology	3
SOCY 238	Race & Ethnic Relations	3
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2
ELEC ANY	Electives: Bring Total to 64 Credits	2-3

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

*\*Prerequisite or corequisite required.  
 Computer literacy requirement must be completed.*

## SOCIOLOGY

### Associate of Arts

**Major Code:** 2109R  
**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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
HUMA GE2	Any 2nd Gen. Ed. Humanities Course	3
MATH 143	College Algebra*	3
MATH 253	Elementary Statistics*	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCY 101	Introduction to Sociology	3
SOCY 102	Social Problems	3
SOCY 238	Race & Ethnic Relations	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
ELEC GE	Any additional Gen. Ed. credits	2
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2
ELEC ANY	Electives: Bring Total to 64 Credits	18 -19
<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

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

*\*Prerequisite or corequisite required,  
 Computer literacy requirement must be completed.*

## SPANISH

### Associate of Arts

**Major Code:** 1315R  
**Contact:** Raquel Arenz, (208) 732-6853  
 rarenz@csi.edu

Foreign language sequences in French, Japanese, and Spanish emphasize 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.

Language 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.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
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.*

PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2

**One complete literature sequence (two courses) and one additional course from the following: 9**

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

**Complete Spanish language sequence (16 credits) and**

SPAN 101	Elementary Spanish 1	4
SPAN 102	Elementary Spanish 2*	4
SPAN 201	Intermediate Spanish 1*	4
SPAN 202	Intermediate Spanish 2*	4

**Second language sequence (8 credits)**

FREN 101	Elementary French 1	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
ELEC ANY	Electives: Bring Total to 64 Credits	2-3

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

**Language Courses:** Under certain circumstances, students may apply for vertical credit-refer to the catalog for more information.

## SURGICAL FIRST ASSISTANT

### Associate of Applied Science

**Major Code: 4417A**

**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.

Application to this program is a separate 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\\_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>

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition*	3
MATH GE	Any Gen Ed Math Course*	3
PSYC 101	General Psychology	3
ALLH 101	Medical terminology	2
BIOL 227	Human Anatomy & Physiology 1*	4
BIOL 228	Human Anatomy and Physiology 2*	4
MEDA 220	Human Diseases	3
PHYA 151	Stress Management	1
SUFA 251	Technical Microbiology	2
SUFA 287	First Assisting Techniques	3
SUFA 288	Surgical Pharmacology	3
SUFA 291	Surgical Complications	2
SUFA 293	Wound Closure Techniques	2
SUFA 295C	Surgical First Assisting Clinic	8
SURT 101	Surgical Concepts	3
SURT 105	Surgical Techniques	5
SURT 110	Leadership for Surgical Technology	2
SURT 140	Beginning Surgical Procedures	3
SURT 160	Advanced Surgical Procedures	3
ELEC GE	General Education Electives	3

**Total Credit Hours Required for this Major: 65**

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

**SURGICAL TECHNOLOGY**

Associate of Applied Science

**Major Code: 4412A****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. 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>

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
PSYC 101	General Psychology	3
ALLH 101	Medical Terminology	2
BIOL 227	Human Anatomy and Physiology 1*	4
BIOL 228	Human Anatomy and Physiology 2*	4
MEDA 220	Human Diseases	3
PHYA 151	Stress Management	1
SUFA 251	Technical Microbiology	2
SUFA 288	Surgical Pharmacology	3
SUFA 293	Wound Closure Techniques	2
SURT 101	Surgical Concepts	3
SURT 103	Sterilization Techniques	3
SURT 103L	Sterilization Techniques Lab	1
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
SURT 160	General Surgical Procedures	3
SURT 285	Surgical Practicum 3	3
SURT 286	Surgical Practicum 4	4
SURT 287	Certification Exam Preparation	2

**Total Credit Hours Required for this Major: 67**

\*Prerequisite or corequisite required,

Computer literacy requirement must be completed.

**SURGICAL/CENTRAL STERILE PROCESSING TECHNOLOGY**

Post Secondary Certificate

**Major Code: 4412V****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 500 hours work in CSP, they will be eligible to take the IAHCSSM 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.

To promote success on the certification/licensure examination(s), all Required Courses must be passed with a grade of C or better.

Course	Course Title	Cr Hrs
<b>Required Courses</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
SURT 103L	Sterilization Techniques Lab *	1

**Total Credit Hours Required for this Major: 9**

\*Students taking SURT 100 will need to also enroll in INSS P288 Portfolio Development in order to earn credit for prior learning for SURT 103L.

**THEATRE**

Associate of Arts

**Major Code: 1421R****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 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 the theatre. In addition to the focus on the

Associate of Arts degree, 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.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
ENGL 102	English Composition 2*	3
THEA 201	Theatre History 1	3
THEA 202	Theatre History 2	3
MATH GE	Any Gen. Ed. Math Course	3
SCIG GE	Any Gen. Ed. Science Course	4
SCIG GE2	Any 2nd Gen. Ed. Science Course	4
SOCS GE	Any Gen. Ed Soc. Science Course	3
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
THEA 111	Fundamentals of Acting	3
THEA 112	Intermediate Acting*	3
THEA 130	Stagecraft	3
THEA 151	Play Production**	1
THEA 211	Voice for Theatre	2
THEA 232	Stage Lighting	3
THEA 240	Stage Makeup	2
THEA 250	Classroom Drama	3
THEA 280	Theatre Portfolio	1
PHYE 155	Health & Wellness	3
or PHYA	2 credits of PHYA/DANC Activities	2

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

*\*Prerequisite or corequisite required.*

*\*\*Must accumulate 6 credits.*

*Computer literacy requirement must be completed.*

## VETERINARY TECHNOLOGY

Associate of Applied Science

**Major Code: 4112A**

**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>

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	English Composition 1*	3
MATH 143	College Algebra*	3
SOCS GE	Any Gen. Ed Soc. Science Course	3
BIOL 201	Biology 1	4

CHEM 101	Introduction to Chemistry*	4
ALLH 101	Medical Terminology	2
VETT 101	Introduction to Veterinary Tech	2
VETT 102	Animal Nursing & Restraint*	3
VETT 103	Animal Health Records Systems*	3
VETT 105	Comparative Veterinary Anatomy & Physiology 1	4
VETT 110	Specimen Collection Lab*	3
VETT 120	Clinical Lab Procedures 1*	4
VETT 121	Clinical Lab Procedures 2*	4
VETT 201	Anesthesiology*	4
VETT 202	Veterinary Surgical Assisting*	4
VETT 203	Veterinary Procedures Seminar*	4
VETT 204	Applied Radiology*	3
VETT 205	Veterinary Pharmacology*	3
VETT 210	Animal Diseases	4
VETT 285	Cooperative Education	1
VETT 286	Clinic Experience*	1

**Total Credit Hours Required for this Major: 69**

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

## WATER RESOURCE MGMT

Technical Certificate

**Major Code: 4113T**

**Contact: Dr. Ross Spackman, (208) 732-6405,  
rspackman@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>

Course	Course Title	Cr Hrs
<b>Required Courses</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
ENVT 201	Environmental Law	2
WATR 130	Water Measurement	3
WATR 230	Water Delivery Systems	3
<b>Select from any of the following:</b>		<b>11</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	

**Total Credit Hours Required for this Major: 28**

## Postsecondary Certificate

**Major Code:** 4113V  
**Contact:** Dr. Ross Spackman, (208) 732-6405,  
 rspackman@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.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
ENVT 201	Environmental Law	2
WATR 120	Water Quality	4
WATR 130	Water Measurement	3
WATR 140	Irrigation Systems	3
<b>Total Credit Hours Required for this Major:</b>		<b>12</b>

## WEB DEVELOPER

Associate of Applied Science

**Major Code:** 4339A  
**Contact:** Lori Garnand, (208) 732-6317  
 lgarnand@csi.edu

This program is undergoing significant curriculum changes. Students must contact the advisor listed above before enrolling in any program classes as a new student.

This program is designed to prepare students with the knowledge and the skills necessary to become an entry level web developer. As a student in the program, you will learn about web design and development. Upon graduation, students should be able to develop robust, data-driven web sites. As students complete the program they will apply knowledge learned in a comprehensive capstone experience or internship.

There are additional admissions requirements for this program. Please contact the advisor listed or the Advising Center for more information.

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

Course	Course Title	Cr Hrs
<b>Fall Semester Freshman Year</b>		
CISG 101	Photoshop 1*	3
CISW111	Web Authoring	3
CISW 125	Introduction to Programming	3
MATH	Any Gen Ed. Math	3
ENGL 101 or	English Composition	3
COMM 101	Fundamentals of Oral Communication	3
<b>Total</b>		<b>15</b>

## Spring Semester Freshman Year

CISS107	Computer Operating Systems	3
CISW 113	Web Design & Management*	3
CISW 217	Database Systems (Spring only)	3
CISW 225	Web Programming with ASP* (Spring Only)	3
	Social Science General Education Course	3

**Total** **15**

## Fall Semester Sophomore Year

CISG 210	Multimedia Authoring*(Fall Only)	3
CISS 236	Linux/Unix (Fall only)	3
CISW 121	DHTML* (Fall Only)	3
CISW 129	Web Programming with PHP* (Fall only)	3
	Approved Electives Courses (see advisor)	6

**Total** **18**

## Spring Semester Sophomore Year

CISA 103	Workforce Skills Essentials	3
CISW 298	Comprehensive IT Project	3
ENGL 101 or	English Composition	3
COMM 101	Fundamentals of Oral Communication	3
ELEC GE	Any additional Gen. Ed. credits	4
	Approved Electives Courses (see advisor)	3

**Total** **16**

## Approved Elective Courses

ELEC ARTS	Any ARTS Courses	3-9
ELEC BUSA	Any BUSA Courses	3-9
ELEC BUSM	Any BUSM Courses	3-9
ELEC CISA	Any CISA Courses	3-9
ELEC CISG	Any CISG Courses	3-9
ELEC CISS	Any CISS Courses	3-9
ELEC COMS	Any COMS Courses	3-9
ELEC MATH	Any MATH Courses	3-9
ELEC COMM	Any COMM Courses	3-9

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

*\*Prerequisite or corequisite required.*

*Computer literacy requirement must be completed.*

*Students will complete a Technical Skills Assessment to demonstrate program competency.*

See Advisor for Program admission procedures. Your advisor can determine the best course of action to help you achieve your career goal. Please see your advisor to complete your degree plan.

**If you are a student who is enrolling in the spring semester please see your advisor ASAP so that you get enrolled in the correct courses to help your degree in the desired amount of time.**

## WELDING TECHNOLOGY

Associate of Applied Science

**Major Code:** 4661A  
**Contact:** Brian Sprinkle (208) 732-6372  
 bsprinkle@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>

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
CISA 101	Computer Literacy Skill Development	3
PHYE 150	First Aid & CPR	2
WELD 107	Applied Leadership & Safety	1
WELD 132	Thermal Cutting Processes	2
WELD 149	Basic Blueprint Reading	2
WELD 150	Intermediate Blueprint Reading	2
WELD 154	SMAW 1 (Arc Welding)	2
WELD 155	SMAW 2 (Arc Welding)*	3
WELD 156	GMAW & FCAW 1 (MIG)	2
WELD 157	GMAW & FCAW 2 (MIG)*	3
WELD 158	GTAW 1 (TIG)	2
WELD 159	GTAW 2 (TIG)*	3
WELD 266	GMAW & FCAW Qualification/Fabrication	6
WELD 267	SMAW Qualification and Fabrication	6
WELD 268	GTAW Qualification and Fabrication	6

**Select 6 credits from the following:** **6**

WELD 235	GMAW & FCAW Project Application*	3
WELD 237	GTAW Project Application*	3
WELD 280	Project Application	2-6

**Recommended Elective Courses**

WELD 200	Independent Studies	1-3
WELD 238	Pipe Welding Qualification*	3
WELD 239	Structural Steel Welding & Qualification*	3
WELD 240	Stainless Steel & Sanitary Welding	3
WELD 285	Cooperative Education	3-6

**Total Credit Hours Required for this Major:** **67**

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

**Additional 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.

**Technical Certificate**

**Major Code:** 4661T

**Contact:** Brian Sprinkle, (208) 732-6372  
bsprinkle@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.

Course	Course Title	Cr Hrs
<b>Required Courses</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
PHYE 150	First Aid & CPR	2

WELD 107	Applied Leadership & Safety	1
WELD 132	Thermal Cutting Processes	2
WELD 149	Basic Blueprint Reading	2
WELD 150	Intermediate Blueprint Reading	2
WELD 154	SMAW 1 (Arc Welding)	2
WELD 155	SMAW 2 (Arc Welding)*	3
WELD 156	GMAW & FCAW 1 (MIG)	2
WELD 157	GMAW & FCAW 2 (MIG)*	3
WELD 158	GTAW 1 (TIG)	2
WELD 159	GTAW 2 (TIG)*	3

**Select 6 credits from the following:** **6**

WELD 235	GMAW & FCAW Project Application*	3
WELD 237	GTAW Project Application*	3
WELD 280	Project Application	2-6

**Recommended Elective Courses**

WELD 238	Pipe Welding Qualification*	3
WELD 239	Structural Steel Welding & Qualification*	3
WELD 240	Stainless Steel & Sanitary Welding	3
WELD 285	Cooperative Education	3-6

**Total Credit Hours Required for this Major:** **39**

**Additional Admission Requirements**

1. Take the CSI Placement Exam (COMPASS).
2. Take Exam scores to the program advisor for interpretation, personal interview, and acceptance to the program.
3. Pay first semester tuition and fees to secure a slot.

**Postsecondary Certificate**

**Major Code:** 4661V

**Contact:** Brian Sprinkle, (208) 732-6372  
bsprinkle@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.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
WELD 107	Applied Leadership & Safety	1
WELD 132	Thermal Cutting Processes	2
WELD 149	Basic Blueprint Reading	2
WELD 150	Intermediate Blueprint Reading	2
WELD 154	SMAW 1 (Arc Welding)	2
WELD 155	SMAW 2 (Arc Welding)*	3
WELD 156	GMAW & FCAW 1 (MIG)	2
WELD 157	GMAW & FCAW 2 (MIG)*	3
WELD 158	GTAW 1 (TIG)	2
WELD 159	GTAW 2 (TIG)*	3

**Select 3 credits from the following:** **3**

WELD 235	GMAW & FCAW Project Application*	3
or WELD 237	GTAW Project Application*	3

**Total Credit Hours Required for this Major:** **25**

**Additional Admission Requirements**

1. Take the CSI Placement Exam (COMPASS).
2. Take Exam scores to the program advisor for interpretation, personal interview, and acceptance to the program.
3. Pay first semester tuition and fees to secure a slot.

**WIND ENERGY TECHNICIAN**

## Associate of Applied Science

**Major Code:** 4119A**Contact:** Kip Morris, (208)293-8720  
kmorris@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>

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
PHYS 100	Survey of Physics	4
SOCS GE	Any Gen. Ed. Social Science	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
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
WIND 260	Turbine Control Systems*	4
WIND 265	Hub Control Systems*	4
WIND 270	Generator Control Systems*	4
WIND 280	Data Acquisition and Circuits*	4
WIND 286	Wind Turbine Simulation*	4
WIND 290	Diagnostics and Troubleshooting*	4
ELEC Any	Electives to bring the Total to 64 Credits	3
<b>Total Credit Hours Required for this Major:</b>		<b>64</b>

\*Prerequisite or corequisite required.

Computer literacy requirement must be completed.

**Technical Certificate****Major Code:** 4119T**Contact:** Kip Morris, (208)293-8720  
kmorris@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.

Course	Course Title	Cr Hrs
<b>Required Courses</b>		
ENGL 101	English Composition 1*	3
MATH GE	Any Gen. Ed. Math Course	3
SOCS GE	Any Gen. Ed. Social Science	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
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

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

\*Prerequisite or Corequisite required.

# COURSE DESCRIPTIONS



## ACCOUNTING/BOOKKEEPING

**ACCB 129** Available: fall, spring **5 Cr Hrs**  
**Introduction to Bookkeeping**

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.

**ACCB 130** Available: fall, spring **5 Cr Hrs**  
**Principles of Bookkeeping**

This course covers accounting for promissory notes, valuation of receivables, valuation of inventories, valuation of plant and equipment, partnership accounting, analysis of financial statements, and cash flow. The student will be required to complete a computerized accounting practice set. Prerequisite: ACCB 129 or instructor permission.

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

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.

**ACCB 224** Available: fall **3 Cr Hrs**  
**Payroll Accounting**

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.

**ACCB 225** Available: fall **4 Cr Hrs**  
**PeachTree Accounting**

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.

**ACCB 226** Available: fall **3 Cr Hrs**  
**Accounting for Decision Making**

This course will provide the student with an understanding of cost concepts, cost behavior, and cost accounting techniques as they are applied to manufacturing cost systems. The student learns the principles and procedures of job order costing, process costing, and standard costs. Prerequisite: ACCB 130.

**ACCB 227** Available: fall **5 Cr Hrs**  
**Excel Spreadsheet Applications**

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** Available: fall, spring **4 Cr Hrs**  
**QuickBooks Pro Accounting**

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** Available: spring **4 Cr Hrs**  
**Income Tax**

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** Available: spring **3 Cr Hrs**  
**Certified Bookkeeping Course**

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 226.

## ACCOUNTING

### **ACCT 100 Available: fall, spring 2 Cr Hrs** **Basic Accounting**

This course is designed to develop a firm foundation of the fundamental procedures of the accounting cycle for a service business and covers the following: analyzing and recording transactions, accrual accounting, adjusting and closing entries through the use of worksheets, preparation of financial statements, and related concepts. This two credit course is designed to give a student who may be struggling in ACCT 201 an option to return to the basic accounting, before re-entering the ACCT 201 & 202 series.

### **ACCT 199 1-5 Cr Hrs** **Special Topics**

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 3 Cr Hrs** **Intro to Financial Accounting**

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 108 or higher.

### **ACCT 202 Available: fall, spring 3 Cr Hrs** **Intro to Managerial Accounting**

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.

### **ACCT 250 Available: spring 3 Cr Hrs** **Personal Income Tax**

This is an introductory course in the study of individual income taxation and the preparation of the Form 1040. This course covers filing status, exemptions, gross income and exclusions, business expenses and retirement plans, employee business expenses, itemized deductions, tax credits, and general administration of the tax laws. Students also prepare several tax returns using professional software. Prerequisite: General computer proficiency.

## ADDICTION STUDIES

### **ADDS 101 3 Cr Hrs** **Substance Abuse Prevention Theory**

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 3 Cr Hrs** **Alcohol/Drugs & Society**

This is an introductory course to the counseling process and the field of chemical dependency. We will examine the Medical Model of addiction, the 12-step recovery process, risk and resiliency factors, the role of the chemical dependency professional in the community and how to access and interact with other community resources. In addition to class attendance and participation, the student will be required to attend a number of 12-step meetings and participate in the Magic Valley Challenge Course. Students will be actively involved in the learning process through competency-based education techniques including group activities, class presentations, research, and readings.

### **ADDS 199 1-5 Cr Hrs** **Special Topics**

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 3 Cr Hrs** **Pharmacology of Psychoactive Drugs**

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 3 Cr Hrs** **Alcohol, Drugs & the Family**

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 3 Cr Hrs** **Screening & Assessment**

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 3 Cr Hrs** **Counseling Skills 1**

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** **3 Cr Hrs**  
**Case Management**

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** **3 Cr Hrs**  
**HIV/STD & Other Diseases**

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** **1-2 Cr Hrs**  
**Ethics for Addiction Counselors**

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 250** **4 Cr Hrs**  
**Field Placement/Practicum**

This course is for students who are currently in a 300 hour supervised field placement. The objective of the class is to provide the student with opportunities to demonstrate skills acquired in the classroom setting. The instructor and CADC supervisor on site will coordinate with the student to ensure that the clinical experience provided matches the 12 core functions identified to meet certification standards for the CADC. Upon completion of the field placement and ADDS courses, students may apply to take the Idaho Students of Addiction Studies (ISAS) Test given by the Idaho Board of Drug and Alcohol Certification. Prerequisite: ADDS 190, ADDS 201, ADDS 202, ADDS 203, ADDS 204, ADDS 205, ADDS 206 and ADDS 207 or instructor permission.

**ADULT BASIC EDUCATION**

**ADUE 001** **0 Cr Hrs**  
**Adult Basic Education 1**

In this course students learn to read and write frequently used words and basic survival messages; apply basic grammar and punctuation rules in writing; read material on familiar topics, and identify main ideas in simple passages. Computation instruction includes adding and subtracting three digit numbers, multiplying, and identifying simple fractions. Prerequisite: Completion of TABE.

**ADUE 002** **0 Cr Hrs**  
**Adult Basic Education 2**

In this course students will learn to effectively communicate ideas in writing, apply punctuation, spelling, and correct grammar rules in a variety of sentence structures; apply new vocabulary in context; read, comprehend, explain and analyze a variety of information. Students will perform all four basic math functions with whole numbers and fractions and be able to solve narrative math problems requiring use of fractions and decimals. Student will be able to use calculator to solve problems. Prerequisite: Completion of TABE with qualifying score.

**ADUE 003** **0 Cr Hrs**  
**Adult Basic Education 3**

In this course students will read and comprehend high school material such as technical information and complex manuals. In response to an assigned topic, student will have practice planning and composing essays of about 200 words to prepare for the GED writing test. Student will also have experience composing workforce documents; e.g., resumes, job applications, and insurance forms. Student will be able to interpret and solve algebraic equations, tables, and graphs and understand and apply basic principles of geometry. Upon completion of courses student will be able to pass the GED tests. Prerequisite: Completion of TABE with qualifying score.

**ADUE 005** **0 Cr Hrs**  
**Adult Basic Education Computer Basics**

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** **0 Cr Hrs**  
**ABE-English Second Language 1**

Course includes development of skills in reading and writing and speaking and listening. Upon completion of course, student will have a limited understanding of print, will be able to copy words and phrases and write short sentences, will be able to read and print numbers, will be able to fill-out simple forms, will be able to understand frequently-used words in context and phrases spoken slowly and with some repetition, will be able to communicate survival needs simply, and will be able to understand simple questions.

**ADUE 022** **0 Cr Hrs**  
**ABE-English Second Language 2**

Course includes development of skills in reading and writing and speaking and listening. Upon completion of course, student will be able to read simple material on familiar subjects, will be able to write simple paragraphs on survival topics and personal issues, will be able to understand simple phrases and new phrases containing familiar vocabulary, will be able to converse on familiar topics and beyond survival needs, will have some ability to communicate on the telephone on familiar subjects, will be able to clarify speech through rewording and asking questions, and will be able to use and understand basic grammar.

**ADUE 023** **0 Cr Hrs**  
**ABE-English Second Language 3**

Course includes development of skills in reading and writing and speaking and listening. Upon completion of course, student will be able to read materials on abstract topics and descriptions and narrations of factual material, will be able to write descriptions and short essays and complete complex forms and applications,

will be able to use English effectively to meet most routine social and work situations, will be able to converse with no or minimal difficulty in conversation, will be able to communicate over the telephone on familiar subjects, will have control of basic grammar, will understand descriptive spoken narrative and will comprehend abstract concepts in familiar contexts.

## AGRICULTURE

**AGRI 102 Available: fall, summer 3 Cr Hrs**  
**Plant Science in Agriculture**

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

**AGRI 102L Available: fall, summer 1 Cr Hr**  
**Plant Science in Agriculture Lab**

Lab to complement AGRI 102.

**AGRI 104 Available: fall 4 Cr Hrs**  
**Agriculture Management**

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.

**AGRI 108 Available: spring (even years) 4 Cr Hrs**  
**Crop Production**

This course is a study of identification, economic importance, and management of important field crops.

**AGRI 109 Available: fall, spring 3 Cr Hrs**  
**Principles of Animal Science**

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.

**AGRI 109L Available: fall, spring 1 Cr Hr**  
**Principles of Animal Science Lab**

Lab for AGRI 109.

**AGRI 110 2 Cr Hrs**  
**Professions in Natural Resources**

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.

**AGRI 111 Available: fall, spring 2 Cr Hrs**  
**Artificial Insemination of Cattle**

This course introduces techniques and procedures of heat detection, semen handling, and artificial insemination of cattle.

**AGRI 114 Available: fall, spring 2 Cr Hrs**  
**Agricultural Activities**

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 credit hours in this course by taking it every term.

**AGRI 118 Available: 3 Cr Hrs**  
**Applied Dairy Nutrition**

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.

**AGRI 121 Available: Spring (odd years) 4 Cr Hrs**  
**Pest Management**

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 Available: fall, spring 3 Cr Hrs**  
**Fundamentals of GIS**

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.

**AGRI126L Available: fall, spring 0 Cr Hrs**  
**Fundamentals of GIS Lab**

Lab for AGRI 126.

**AGRI 155 Available: fall, spring 2 Cr Hrs**  
**Introduction to GPS**

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 Available: spring 4 Cr Hrs**  
**Applied Animal Nutrition**

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 Available: spring 3 Cr Hrs**  
**Introduction to Agriculture Selling**

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 Available: spring 4 Cr Hrs**  
**Food System Science**

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

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

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

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

This is a long-term project by contract. Each credit 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 Available: spring 2 Cr Hrs**  
**Wildland Plant Identification**

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 Available: spring 3 Cr Hrs**  
**Principles of Range Management**

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

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

**AGRI 205 Available: spring 3 Cr Hrs**  
**General Soils**

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 Available: spring 1 Cr Hr**  
**General Soils Lab**

Lab for AGRI 205.

**AGRI 212 Available: spring of even years 4 Cr Hrs**  
**Plant Nutrition**

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 Available: spring 3 Cr Hrs**  
**Animal Reproduction & Breeding**

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 Available: 2 Cr Hrs**  
**Plants Poisonous to Animals**

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

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. Corequisite: AGRI 226L

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

Lab for AGRI 226

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

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 Available: fall 3 Cr Hrs**  
**Forage Crops**  
 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 Available: spring 3 Cr Hrs**  
**Agricultural Markets**  
 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 1-3 Cr Hrs**  
**Agricultural Issues**  
 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 Available: fall 3 Cr Hrs**  
**Animal Evaluation**  
 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 3 Cr Hrs**  
**Principles of Animal Breeding**  
 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 2 Cr Hrs**  
**Professional Development in Agriculture**  
 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 Available: fall, spring 3 Cr Hrs**  
**Livestock Judging**  
 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 credits.

**AGRI 261L Available: fall, spring 3 Cr Hrs**  
**Livestock Judging Lab**  
 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 credits.

**AGRI 262 Available: fall, spring 2 Cr Hrs**  
**Advanced Oral Reasons**  
 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 Available: fall, spring 1 Cr Hr**  
**Competitive Livestock Judging**  
 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 credits. Pre requisite: Instructor permission required.

**AGRI 271 Available: fall 4 Cr Hrs**  
**Animal Anatomy & Physiology**  
 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 1-6 Cr Hrs**  
**Cooperative Education**  
 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 credit hours. Prerequisite: Successful interview with the placement committee.

## AIR CONDITIONING, REFRIGERATION & HEATING

**AIRC 134 1 Cr Hr**  
**National Electrical Code**  
 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 7.5 Cr Hrs**  
**Air Conditioning**  
 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 1 Cr Hr**  
**EPA Certification**  
 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** **8 Cr Hrs**  
**Fossil Fuel Furnaces**  
 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** **8 Cr Hrs**  
**Ammonia Refrigeration**  
 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** **8 Cr Hrs**  
**Heat Pumps**  
 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** **7.5 Cr Hrs**  
**Commercial Refrigeration**  
 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** **1-5 Cr Hrs**  
**Special Topics**  
 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** **1-8 Cr Hrs**  
**Cooperative Education**  
 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.

## ALLIED HEALTH

**ALLH 101** **2 Cr Hrs**  
**Medical Terminology**  
 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** **2 Cr Hrs**  
**Bioethics for Health Professionals**  
 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** **1-5 Cr Hrs**  
**Special Topics**  
 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** **Available: fall, spring** **2 Cr Hrs**  
**Introduction to Allied Health**  
 This course is designed to provide a broad understanding of the health care system and an introduction to the roles of various members of the health team. Current trends in health care delivery are briefly discussed. Selected moral, ethical, and legal medical dilemmas are included.

**ALLH 210** **Available: fall, spring** **3 Cr Hrs**  
**Human Sexuality**  
 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** **Available: fall, spring** **3 Cr Hrs**  
**Fundamentals of Nutrition**  
 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 also contains information necessary to evaluate the many claims about nutrition that appear in print and the media. It will identify the essential nutrients, recommended daily allowances, and dietary guidelines as well as describe the role of the health practitioner in promoting optimal nutrition and preventing or alleviating problems related to nutrition throughout the life cycle.

**ALLH 230** **3 Cr Hrs**  
**Healthy Aspects of Aging**  
 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.

## AMERICAN SIGN LANGUAGE

**SIGL 101** **Available: fall** **4 Cr Hrs**  
**American Sign Language 1**  
 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 or completion of ENGL 090 before enrolling.

**SIGL 102 Available: spring 4 Cr Hrs**  
**American Sign Language 2**

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 111 Available: fall 3 Cr Hrs**  
**Introduction to Hearing Science**

This information course presents an overview of the physical conditions of sound, hearing, impairment, assistive devices, and assessment of hearing that impact the function of children and adults. This course is a recommended elective for those exploring education, audiology, and/or speech/language pathology. Some biology experience is helpful. Required for majors.

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

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 2 Cr Hrs**  
**American Sign Language Independent Study**

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 Available: fall 4 Cr Hrs**  
**American Sign Language 3**

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: SIGL102 with a 'C' or better. Corequisite: SIGL 201L.

**SIGL 202 Available: spring 4 Cr Hrs**  
**American Sign Language 4**

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 Available: spring 3 Cr Hrs**  
**Fingerspelling and Numbers**

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 Available: spring 3 Cr Hrs**  
**Signing Seminar**

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 Available: spring 3 Cr Hrs**  
**Creative Sign Language**

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 Available: fall 3 Cr Hrs**  
**Deaf Culture and Community**

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 090/ 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 Available: spring 3 Cr Hrs**  
**American Sign Language Linguistics**

This course will introduce the systematics 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.

## ANTHROPOLOGY

**ANTH 101 Available: fall, spring 3 Cr Hrs**  
**Physical Anthropology**

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 Available: fall, spring, summer 3 Cr Hrs**  
**Cultural Anthropology**

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 Available: fall 3 Cr Hrs**  
**Introduction to Archaeology**

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

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 1-3 Cr Hrs**  
**Anthropology Independent Study**

This is a long-term project. Students should make contact with the instructor in their field of interest,

**ANTH 238 Available: spring 3 Cr Hrs**  
**Native Peoples of North America**

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.

## AQUACULTURE

**AQUA 101 Available: fall 4 Cr Hrs**  
**Fisheries Management 1**

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 Available: fall 3 Cr Hrs**  
**Diseases of Fish 1**

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 Available: fall 3 Cr Hrs**  
**Fish Nutrition 1**

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 Available: fall 3 Cr Hrs**  
**Practicum 1**

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

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

This course is a long-term project by contact. Each credit 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 Available: spring 4 Cr Hrs**  
**Fisheries Management 2**

A continuation of AQUA 101. Leadership, communication, and human relations skills will be included in AQUA 101 and 201.

**AQUA 202 Available: spring 3 Cr Hrs**  
**Diseases of Fish 2**

A continuation of AQUA 102.

**AQUA 203 Available: spring 3 Cr Hrs**  
**Fish Nutrition 2**

A continuation of AQUA 103.

**AQUA 204 Available: spring 3 Cr Hrs**  
**Practicum 2**

A continuation of AQUA 104.

**AQUA 285 1-3 Cr Hrs**  
**Cooperative Education**

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 credit hours. Prerequisite: Successful interview with the placement committee.

## ART

### **ARTS 101** **3 Cr Hrs**

#### **Art History 1**

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** **3 Cr Hrs**

#### **Art History 2**

This course continues the chronological survey established in Art History 1, and covers the period from the Renaissance in Europe through the present.

### **ARTS 103** **Available: fall, spring, summer** **3 Cr Hrs**

#### **Photography Appreciation**

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** **Available: fall, spring** **3 Cr Hrs**

#### **Design 1**

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** **Available: spring** **3 Cr Hrs**

#### **Design 2**

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** **Available: fall, spring** **3 Cr Hrs**

#### **Drawing 1**

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 154** **2 Cr Hrs**

#### **Intro to Architectural Graphics**

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** **1-5 Cr Hrs**

#### **Special Topics**

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** **Available: fall, spring** **2 Cr Hrs**

#### **Studio Drawing**

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** **Available: fall, spring** **2 Cr Hrs**

#### **Studio Painting**

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** **Available: fall, spring** **2 Cr Hrs**

#### **Studio Ceramics**

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** **Available: fall, spring, summer** **2 Cr Hrs**

#### **Studio Photography**

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** **Available: fall, spring** **2 Cr Hrs**

#### **Studio Sculpture**

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** **Available: fall, spring** **2 Cr Hrs**

#### **Studio Printmaking**

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** **Available: fall** **3 Cr Hrs**

#### **Printmaking**

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 Available: fall 3 Cr Hrs  
Drawing 2**

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 Available: fall, spring 3 Cr Hrs  
Painting 1**

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 Available: fall 3 Cr Hrs  
Ceramics 1**

This course is an introduction to basic processes of ceramics and the operation of the CSI ceramics lab. Ceramics 1 includes handbuilding, throwing, and firing.

**ARTS 226 Available: fall, spring 3 Cr Hrs  
Ceramics 2**

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 Available: fall 3 Cr Hrs  
Sculpture**

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 Available: spring 1 Cr Hr  
Cultural Field Trip**

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 Available: fall, spring 3 Cr Hrs  
Photography Darkroom 1**

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 Available: spring 3 Cr Hrs  
Photography Darkroom 2**

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 Available: fall, spring 3 Cr Hrs  
Digital Photography**

This course is a foundation in creative digital photography for students at all levels. This course includes basic visual literacy skills, understanding the camera and its functions, manipulating images in Adobe Photoshop/bridge, exploration of combining the digital format with alternative/non-silver (archaic) processes, printing digital photographs, and oral criticism. Final outcome of this course is a personal portfolio in electronic format. Prerequisite: CISA 101, BUSA 215, successful completion of the Computer Skills Assessment Exam or permission of the instructor.

**ARTS 260 3 Cr Hrs  
Figure Drawing**

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 Available: fall, spring 3 Cr Hrs  
Painting 2**

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 Available: fall, spring 1 Cr Hr  
Art Portfolio**

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.

**AUTO BODY TECHNOLOGY**

**AUTB 101 Available: summer 6 Cr Hrs  
Intro to Auto Body Repair & Paint 1**

Course is an introduction to the basic skills of auto body repair, painting, and refinishing.

**AUTB 102L Available: summer 6 Cr Hrs  
Intro to Auto Body Repair & Paint 2**

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 Available: fall, spring 1 Cr Hr  
Applied Leadership**

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 Available: spring 3 Cr Hrs**  
**Metal Welding & Cutting**

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 Available: spring 4 Cr Hrs**  
**Electrical**

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 Available: fall, spring 2 Cr Hrs**  
**Auto Body Shop Fundamentals**

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 Available: spring 4 Cr Hrs**  
**Panel Repair Replace & Adjustment**

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 Available: fall 3 Cr Hrs**  
**Metal Finishing & Body Filling**

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 Available: fall 2 Cr Hrs**  
**Plastic & Adhesives**

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 Available: fall 1 Cr Hr**  
**Management & Estimating**

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 Available: fall, spring 6 Cr Hrs**  
**Collision Repair Projects**

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 Available: spring 5 Cr Hrs**  
**Mechanical & Electrical Components**

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 Available: fall 4 Cr Hrs**  
**Painting & Refinishing**

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 Available: fall 6 Cr Hrs**  
**Structural Analysis & Damage Repair**

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 6 Cr Hrs**  
**Advanced Collision Repair**

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

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** **1-3 Cr Hrs**  
**Auto Body Independent Study**

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** **2-6 Cr Hrs**  
**Individual A B Collision Rep & Ref**

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** **1-8 Cr Hrs**  
**Cooperative Education**

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** **Available: fall** **2 Cr Hrs**  
**Automotive Fundamentals**

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** **Available: fall** **4 Cr Hrs**  
**Engine Repair**

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** **Available: spring** **4 Cr Hrs**  
**Suspension & Steering**

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** **Available: fall** **3 Cr Hrs**  
**Brakes**

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** **Available: fall** **3 Cr Hrs**  
**Electrical/Electronics Systems**

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** **Available: spring** **4 Cr Hrs**  
**Heating & Air Conditioning**

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** **Available: spring** **4 Cr Hrs**  
**Work Experience I**

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 Available: spring 4 Cr Hrs**  
**Automatic Transmission & Transaxle**

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 Available: spring 4 Cr Hrs**  
**Manual Drive Train & Axle**

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 Available: fall 4 Cr Hrs**  
**Electrical/Electronic Systems 2**

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 Available: fall 4 Cr Hrs**  
**Engine Performance**

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 Available: summer 4 Cr Hrs**  
**Work Experience 2**

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 Available: fall 4 Cr Hrs**  
**Work Experience 3**

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 Available: spring 4 Cr Hrs**  
**Engine Performance2/Adv Diagnosis**

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.

## BAKING AND PASTRY

**BAKE 110 Available: fall 6 Cr Hrs**  
**Professional Baking and Pastry 1**

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 Available: spring 6 Cr Hrs**  
**Professional Baking and Pastry 2**

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 ServDafe Manager's Certification..

**BAKE 230 6 Cr Hrs**  
**Professional Baking and Pastry 3**

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** **6 Cr Hrs**  
**Professional Baking and Pastry 4**

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** **Available: spring** **1-4 Cr Hrs**  
**Cooperative Education in Baking**

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.

## BIOLOGY

**BIOL 100** **4 Cr Hrs**  
**Concepts of Biology**

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 110** **2 Cr Hrs**  
**Professions in Natural Resources**

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** **Available: fall, spring** **4 Cr Hrs**  
**Environmental Science**

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 127** **Available: fall, spring** **4 Cr Hrs**  
**Human Structure & Function**

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. Corequisite: BIOL 127L

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

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** **1-3 Cr Hrs**  
**Biology Independent Study**

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** **4 Cr Hrs**  
**Biology 1**

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** **Available: fall, spring** **4 Cr Hrs**  
**Biology 2**

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** **Available: spring** **4 Cr Hrs**  
**Introduction to Cell Biology**

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** **Available: fall** **4 Cr Hrs**  
**General Ecology**

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 253 highly recommended. Corequisite: BIOL 209L.

**BIOL 210** **Available: spring** **3 Cr Hrs**  
**Science Literature & Environment**

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 Available: fall, spring 4 Cr Hrs**  
**Introductory Microbiology**

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 however; the many dimensions of the microbial world will be discussed and 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 Available: fall, spring 4 Cr Hrs**  
**Human Anatomy & Physiology 1**

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. Corequisite: BIOL 227L.

**BIOL 228 4 Cr Hrs**  
**Human Anatomy & Physiology 2**

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 250 Available: fall 4 Cr Hrs**  
**General Microbiology**

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 0-3 Cr Hrs**  
**Field Biology**

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 1-6 Cr Hrs**  
**Practicum in Life Science**

Internships are designed to give students actual work experience in a career related field of study. Prerequisite: Instructor permission.

## BUSINESS ADMINISTRATION

**BUSA 101 3 Cr Hrs**

**Introduction to Business**

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 1 Cr Hrs**

**Business Travel Experience**

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 1-5 Cr Hrs**

**Special Topics**

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 1-5 Cr Hrs**

**Business Practicum**

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 3 Cr Hrs**

**Business Communication**

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 3 Cr Hrs**

**Bus Statistics for Decision Making 1**

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 108 or higher.

**BUSA 208 3 Cr Hrs**

**Bus Statistics for Decision Making 2**

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 Available: fall, spring 3 Cr Hrs**  
**Introduction to Information Science**

This is an introductory course for students to develop skills in the business software found in Microsoft Office. Projects include Internet research, document preparation, financial controls, pivot tables, database management, and large group presentations. Students are provided with critical-thinking opportunities and hands-on experience with computers. This course meets the computer literacy graduation requirement if passed with a 70% or better. Students earning a D grade will receive credit for the class but will need to either repeat the class or complete the CSA exam to meet the graduation requirement.

**BUSA 250 Available: fall, spring 3 Cr Hrs**  
**Principles of Marketing**

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 255 Available: fall, spring 3 Cr Hrs**  
**Leadership Development Skills**

This course is an application of behavioral science principles and skills to the practice of leadership in a variety of contexts. Topics include team building, motivation, problem solving, negotiation, and self management. A field experience exercise may be required. Prerequisite: ENGL 102.

**BUSA 256 Available: spring 3 Cr Hrs**  
**Intro to International Business**

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 Available: fall, spring 3 Cr Hrs**  
**Legal Environment**

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

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 Available: fall, spring 3 Cr Hrs**  
**Human Relations in Supervision**

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 Available: fall, spring, summer 4 Cr Hrs**  
**Marketing and E-Commerce**

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 Available: spring, summer 3 Cr Hrs**  
**Retailing and Merchandising Management**

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 Available: fall, spring 0-1 Cr Hrs**  
**Collegiate DECA**

This course involves active membership and participation in the CSI Management Education Association. Activities include business-oriented community and campus projects, professional development projects, field trips, guest speakers from management, state and national competition, business-oriented workshops and seminars, and leadership development activities. This course may be repeated up to four times for a total of four credits.

**BUSM 181 Available: spring 3 Cr Hrs**  
**Human Resources Management**

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

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 Available: fall 3 Cr Hrs**  
**Small Business Management**

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 Available: spring 3 Cr Hrs**  
**Business Plan Development**

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 Available: spring 3 Cr Hrs**  
**Principles of Project Mgmt**

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 285 Available: fall, spring 1-3 Cr Hrs**  
**Cooperative Education**

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 1 Cr Hr**  
**Program Capstone**

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.

## CABINETMAKING/WOODWORKING

**CABW 100A 1 Cr Hr**  
**Woodworking Safety 1**

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 1 Cr Hr**  
**Woodworking Safety 2**

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 2 Cr Hrs**

**Intro to Woodworking**

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 1 Cr Hr**

**Basic Understanding of Wood Types**

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 1 Cr Hr**

**Applied Mathematics**

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 1 Cr Hr**

**Basic Drafting**

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 2 Cr Hrs**

**Applied Joinery**

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 1 Cr Hr**

**Layout Procedures**

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 1 Cr Hr**

**Face Frame Construction**

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.

<b>CABW 159</b> <b>Project Applications</b> 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.	<b>2 Cr Hrs</b>	<b>CABW 185</b> <b>Finishing Sanding &amp; Staining</b> 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.	<b>3 Cr Hrs</b>
<b>CABW 160</b> <b>Door Construction</b> 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.	<b>2 Cr Hrs</b>	<b>CABW 189</b> <b>CNC Computer Application</b> 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	<b>2 Cr Hrs</b>
<b>CABW 163</b> <b>Drawer Construction</b> 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.	<b>2 Cr Hrs</b>	<b>CABW 189L</b> <b>CNC Computer Application Lab</b> 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.	<b>2 Cr Hrs</b>
<b>CABW 170</b> <b>Construction Theory</b> 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.	<b>3 Cr Hrs</b>	<b>CABW 195</b> <b>Distressed Furniture</b> 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.	<b>3 Cr Hrs</b>
<b>CABW 175</b> <b>Box Construction</b> 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.	<b>3 Cr Hrs</b>	<b>CABW 199</b> <b>Special Topics</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>1-5 Cr Hrs</b>
<b>CABW 176</b> <b>Installation</b> 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.	<b>1 Cr Hr</b>	<b>CABW 199B</b> <b>CNC Hands-On Application</b> 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.	<b>2 Cr Hrs</b>
<b>CABW 180</b> <b>Counter Tops</b> 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.	<b>2 Cr Hrs</b>	<b>CABW 200</b> <b>Cabinetmaking Independent Study</b> 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.	<b>1-3 Cr Hrs</b>
		<b>CABW 205</b> <b>Finishing Sanding &amp; Staining</b> 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.	<b>3 Cr Hrs</b>
		<b>CABW 207</b> <b>Applied Leadership</b> Students will be taught basic concepts of leadership through the use of our Skills USA chapter. Topics include how to organize and	<b>1 Cr Hr</b>

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 269** **3 Cr Hrs**  
**Advanced Projects**

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** **1-8 Cr Hrs**  
**Cooperative Education**

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** **2 Cr Hrs**  
**Special Construction**

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** **3 Cr Hrs**  
**Distressed Furniture**

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.

## CENTER FOR NEW DIRECTIONS

**CENN P103** **1 Cr Hr**  
**Navigating Change**

Students will identify learning styles and MBTI preferences to understand the dynamics of change. New knowledge for problem solving, decision making, and self directed learning will be applied in individual and group activities.

**CENN P104** **1 Cr Hr**  
**Premium Communication**

Learners will build skills in listening, negotiation and conflict management in a personalized atmosphere. Emphasis is put on practical application of developing positive communication skills.

**CENN P105** **1 Cr Hr**

**Self Management Skills**

Students will learn methods for setting goals to manage time, stress and emotions both on and off the job. They will learn techniques for demonstrating self-control, dependability and efficiency.

**CENN P106** **1 Cr Hr**

**Career & Educational Planning**

Learners will be presented with information and techniques for planning a career, then maintaining and improving a career. Topics include an introduction to business values, organizational culture, and how to match personal, career, education, lifestyle values and goals with those of an employer.

**CENN P107** **1 Cr Hr**

**Team Work**

Students will review team dynamics in relation to differences in personality, values, and communication styles. Learners will participate in team building exercises to reduce barriers by identifying strengths and accepting differences.

**CENN P108** **1 Cr Hr**

**Successful Leadership**

This class will provide an overview of leadership skills in organizations. Students will learn the importance of goals in organizations and the implication of MBTI preferences related to leadership style. Skills for negotiation, conflict resolution, and dealing with difficult people will be reviewed. Prerequisite: CENN P104.

## CHEMISTRY

**CHEM 100** **4 Cr Hrs**

**Chemistry in Everyday Life**

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** **4 Cr Hrs**

**Introduction to Chemistry**

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: MATH 108 or placement test score into MATH 143, Corequisite: CHEM 101L

**CHEM 102** **Available: fall, spring** **5 Cr Hrs**  
**Essentials of Organic & Biochemistry**

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 Available: fall, spring 5 Cr Hrs**  
**Principles of Chemistry 1**

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: One year of high school chemistry or CHEM 101. Corequisite: MATH 143 or MATH 147 (or higher math course) and CHEM 111L.

**CHEM 112 5 Cr Hrs**  
**Principles of Chemistry 2**

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 190 1 Cr Hr**  
**Math Skills for Chemistry**

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

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 1-3 Cr Hrs**  
**Chemistry**

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 Available: spring 5 Cr Hrs**  
**Quantitative Analysis**

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 Available: fall 4 Cr Hrs**  
**Organic Chemistry 1**

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 Available: spring 5 Cr Hrs**  
**Organic Chemistry 2**

Continuation of CHEM 298, including synthesis, qualitative organic analysis and spectroscopic methods. Prerequisite: CHEM 298. Corequisite: CHEM 299L.

**COMMUNICATION**

**COMM 101 Available: fall, spring, summer 3 Cr Hrs**  
**Fundamentals of Oral Communication**

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 Available: fall, spring 3 Cr Hrs**  
**Interpersonal Communication**

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 103 Available: fall, spring, summer 1 Cr Hr**  
**Communication Ideas**

This course is for students who took a two-credit communication course at CSI prior to 1997 or who took a two-credit communication course at another institution and need a third credit in order to meet the college's general education requirements for communication. This course gives a brief introduction to communication concepts such as nonverbal communication, language concepts, listening, and group communication.

**COMM 105 Available: fall, spring 3 Cr Hrs**  
**Intercollegiate Tour Speaking**

Intercollegiate Tournament Speaking 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 171 Available: spring 3 Cr Hrs**  
**Intro to Mass Communication**

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

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 1-4 Cr Hr**  
**Communications Independent Study**

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 Available: spring 3 Cr Hrs**  
**Business and Professional Speaking**

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 Available: fall 3 Cr Hrs**  
**Critical Thinking & Argumentation**

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 Available: spring 3 Cr Hrs**  
**Intercultural Communication**

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 Available: fall, spring 1 Cr Hr**  
**Communication Portfolio**

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.

## COMPUTER

**COMP 100 1 Cr Hr**  
**Introduction to Computers**

Students will be introduced to the basics of using a computer including an overview of hardware; Windows word processing, spreadsheets, and the Internet.

**COMP 101 1 Cr Hr**  
**Computer Literacy Skill Development**

This course is designed to help students develop the skills to meet the computer literacy requirements for graduation from the College of Southern Idaho. It provides an overview of hardware components, operating systems, e-mail, internet, networks, and application software.

**COMP 102 2 Cr Hrs**

**Pc Prep**

This course is designed for the person pursuing or investigating the pursuit of a career related to IT. It provides fundamental concepts and hands-on investigation of computer hardware, operating systems, and software. The course concentrates on the initial preparation of the student for the fast-paced world of IT. A significant interest in and proficiency for computer systems is highly recommended.

**COMP 104 1 Cr Hr**  
**Using Quicken 1**

Students will learn how to set up accounts, use categories and classes, enter data, and save time with memorized transactions.

**COMP 109 1 Cr Hr**  
**Basic Keyboarding**

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 1 Cr Hr**  
**Introduction to Spreadsheets**

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 116 1 Cr Hr**  
**Intermediate Spreadsheets**

This course will continue exploration of the commands and applications of Microsoft Excel including graphs, lookup tables, database functions, simple macros, and more. Prerequisite: COMP P115 or consent of the instructor.

**COMP 125 1 Cr Hr**  
**Introduction to Database Mgmt**

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.

**COMP 130 1 Cr Hr**  
**Introduction to Windows**

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 131 1 Cr Hr**  
**Intermediate Windows**

Students will build on skills gained in the introductory course including troubleshooting, system maintenance, file management, upgrade, and other best practices of Windows use. Prerequisite: CISA 130 or COMP 130 or instructor permission.

**COMP 134 1 Cr Hr**  
**Basic PC Troubleshooting**

Students will acquire a basic knowledge of computer hardware as it relates to hardware and software troubleshooting through hands-on activities, lectures, and demonstrations.

**COMP 135** **Intro to Presentation Software** **1 Cr Hr**  
 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 136** **Using QuickBooks 1** **1 Cr Hr**  
 Learn Intuit's small business bookkeeping software that works with the same user friendliness as Quicken. Create and track payable and receivable accounts and invoices, gather aging information, and create your own budgets and reports on data using preset of customized business transactions. Prerequisite: COMP P101 or previous computer experience.

**COMP 139** **Using QuickBooks 2** **1 Cr Hr**  
 This course is a continuation of COMP P136. Prerequisite: COMP P136 or instructor permission.

**COMP 141** **Introduction to Word Processing** **1 Cr Hr**  
 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 142** **Intermediate Word Processing** **1 Cr Hr**  
 This course will provide instruction in practical applications of word processing. Prerequisite: COMP 141 or CISA 141 or instructor permission.

**COMP 145** **Using WordPerfect 1** **1 Cr Hr**  
 This course will provide hands-on training in practical applications of Word Perfect for Windows software. Students will learn to create, format, edit, save, and print documents. Also, included will be cutting and pasting text, working with tables and indents, utilizing the search and replace feature, spelling and thesaurus feature, and working with graphics. Prerequisite: COMP P101 or previous computer experience and COMP P130.

**COMP 158** **3D Computer Animation** **1 Cr Hr**  
 This course introduces the basics of modeling 3-dimensional objects and then placing them in motion (animation). Students will create small movies and will learn how to apply color and texture to their objects and scenery.

**COMP 167** **Building Web Pages 1** **1 Cr Hr**  
 Students will learn the basics of web page construction including an introduction to HTML and web design software tools. Web publishing will be discussed and practiced. Students should have a solid knowledge of computers and Internet use prior to taking this course.

**COMP 185** **Introduction to Internet** **1 Cr Hr**  
 This course is a survey of Internet origins, structure, and components. Students will be provided with an overview of Internet access options and tools, with an emphasis on web browsing, email and search techniques. Prerequisite: Basic keyboarding skills.

**COMP 186** **Intermediate Internet** **1 Cr Hr**  
 Students will focus beyond internet basics to how the Internet works including e-commerce, blogging, downloads, electronic media, podcasts and other emerging technologies. Prerequisite: CISA 185 or Comp 185 or permission of instructor.

**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.

**COMPUTER INFORMATION SYSTEMS-APPLICATIONS**

**CISA 001** **Introductory Computing** **1 Cr Hr**  
 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** **Available: fall, spring, summer** **3 Cr Hrs**  
**Computer Literacy Skill Development**  
 This course will provide students an overview of computer hardware, operating systems and Office software applications. This course meets the computer literacy graduation requirement if passed with a 70% or better. Students earning a D grade will receive credit for the class but will need to either repeat the class or complete the CSA exams to meet graduation requirement.

**CISA 102** **Introduction to IT Fundamentals** **2 Cr Hrs**  
 This course covers current and emerging computer technologies. Students are presented with the underlying principles of technologies that have an impact on our lives and how those principles are related to real-world activities. By focusing on the application of technology and how technology may be used by students for personal and professional gain.

**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. Prerequisite: ENGL 090, appropriate score on the CSI Placement Exam, or consent of the instructor.

**CISA 107** **3 Cr Hrs**  
**Communicating with Technology**

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** **1 Cr Hr**  
**Basic Keyboarding**

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** **1 Cr Hr**  
**Ten Key Skills**

This course is designed to develop efficiency doing calculations performed in business using the ten-key calculator. Emphasis is placed on the touch method for the ten-key calculator. Prerequisite: either COMPASS pre-algebra score of 53 or MATH 015.

**CISA 114** **3 Cr Hrs**  
**Office Procedures**

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** **1 Cr Hr**  
**Introduction to Spreadsheets**

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. This course meets the spreadsheet portion of the Computer Literacy Graduation requirement if passed with a C or better.

**CISA 116** **3 Cr Hrs**  
**Spreadsheet Applications**

This course will continue exploration of the commands and applications of Excel electronic spreadsheets, including graphs, database functions, simple macros and more. Prerequisite: CISA 101 or consent of instructor.

**CISA 125** **1 Cr Hr**  
**Introduction to Database Management**

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** **2 Cr Hrs**  
**Database Applications**

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** **1 Cr Hr**

**Introduction to Windows**

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. This course meets the Windows Operating System portion of the Computer Literacy graduation requirement if passed with a C or better.

**CISA 135** **1 Cr Hr**

**Introduction to Presentation Software**

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. This course meets the Windows Operating System portion of the Computer Literacy graduation requirement if passed with a C or better.

**CISA 141** **1 Cr Hr**

**Introduction to Word Processing**

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. This course meets the Windows Operating System portion of the Computer Literacy graduation requirement if passed with a C or better.

**CISA 142** **3 Cr Hrs**

**Document Processing**

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** **3 Cr Hrs**

**Integrated Software Application**

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 185** **1 Cr Hr**

**Introduction to Internet**

This course is a survey of internet origins, structure, and components. Students will be provided with an overview of Internet access options and tools, with an emphasis on web browsing, email, and search techniques. Prerequisite: Basic keyboarding skills.

**CISA 199** **1-5 Cr Hrs**

**Special Topics**

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** **1-3 Cr Hrs**

**Office Technology Independent Study**

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** **3 Cr Hrs**  
**Records System Management**

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** **2 Cr Hrs**  
**Skillbuilding**

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** **3 Cr Hrs**  
**Internship**

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 242** **2 Cr Hrs**  
**Advanced Word Processing**

This course is designed to continue developing proficiency in using advanced word processing functions to create and revise complex business documents. Students will create simple macros, customize toolbars and menus, and create online documents and forms. Students will increase keying speed and accuracy through the creation of these documents. Prerequisite: CISA 142.

**CISA 245** **3 Cr Hrs**  
**Office Technology Integration**

This course is designed as a culmination project for Office Technology majors. Students will use advanced applications of office technology for the production of business documents, creation of web sites, organizing and retrieving information, managing financial information, and working in a workgroup. Prerequisite: CISA 101, CISA 116, CISA 142, CISA 145, CISA 204.

**CISA 261** **3 Cr Hrs**  
**Legal Assistant 1**

This course offered over two terms provides training simulated to a minimum of six months actual on-the-job training, thereby allowing completers of the major to qualify as legal secretaries and eventually pursue the Professional Legal Secretary (PLS) designation. Prerequisite: Second year standing in Administrative Assistant major and/or employment as a secretary, clerk, or receptionist for a minimum of six months.

**CISA 262** **2 Cr Hrs**  
**Legal Assistant 2**

A continuation of CISA 261. Prerequisite: CISA 261.

**CISA 285** **1-12 Cr Hrs**  
**Cooperative Education**

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** **3 Cr Hrs**  
**Comprehensive IT Project**

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** **3 Cr Hrs**  
**Advanced Applications in Special Areas**

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-GRAPHICS**

**CISG 101** **3 Cr Hrs**  
**Photoshop 1**

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** **3 Cr Hrs**  
**Photoshop 2**

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-based imaging program. Color theory will be introduced with an emphasis on producing and printing consistent color. Prerequisite: CISG 101 Photoshop 1.

**CISG 105** **3 Cr Hrs**  
**Survey of Graphic Design**

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** **3 Cr Hrs**  
**Typography and Letter Forms**

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 Available: spring 3 Cr Hrs****Digital Media Tools**

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 3 Cr Hrs****Video Editing**

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 111 1 Cr Hr****Introduction to Macintosh**

This course will provide an introduction to the Macintosh Operating System and will explore the history and evolution of Macintosh's operating systems. Students will learn how to start, configure, navigate, and work in the Macintosh environment. The course will help students become familiar with how files are created, saved, and managed. Class members will learn how to connect various peripheral devices.

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

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 1-3 Cr Hrs****IT Independent Study**

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 3 Cr Hrs****Advanced Photoshop**

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 3 Cr Hrs****Copy Editing**

The student will enhance proofreading skills and will develop copy editing techniques for printed documents. Prerequisite: ENGL 101, or instructor permission.

**CISG 207 3 Cr Hrs****Page Layout and Design**

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. Corequisite: CISG 106 or instructor permission.

**CISG 208 3 Cr Hrs****Advanced Electronic Publishing**

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 3 Cr Hrs****Multimedia Authoring**

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 3 Cr Hrs****Production Multimedia**

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 3 Cr Hrs****Intro to 3D Animation**

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 216 3 Cr Hrs****Introduction to Vector Drawing**

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 223 3 Cr Hrs****Advanced Internship**

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 285** 1-12 Cr Hrs

**Cooperative Education**

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** 3 Cr Hrs

**Comprehensive IT Project**

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** 3 Cr Hrs

**Advanced Applications in Special Areas**

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 102** 2 Cr Hrs

**PC Prep**

This course is designed for the person pursuing or investigating the pursuit of a career related to IT. It provides fundamental concepts and hands-on investigation of computer hardware, operating systems, and software. The course concentrates on the initial preparation of the student for the fast-paced world of IT. A significant interest in and proficiency for computer systems is highly recommended.

**CISS 107** 3 Cr Hrs

**Computer Operating Systems**

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 CompTIA A+ software exam.

**CISS 110** 2 Cr Hrs

**Troubleshooting Hardware for the PC**

Through hands-on activities, lectures, and demonstrations, students will acquire a functional knowledge of computer hardware, software troubleshooting, and hardware troubleshooting. Course will help prepare students for Comptia's A+ hardware exam. Prerequisite: CISS 107 or instructor permission.

**CISS 110L** 1 Cr Hr

**Hardware Lab**

This course is lab portion of the Troubleshooting/Hardware for the CISS 110 class. Corequisite: CISS 110. As part of this course, students will take a Technical Skill Assessment to demonstrate program proficiency.

**CISS 116** 3 Cr Hrs

**Network Technology 1**

This course is a survey of careers in networking, local area networks, wide area networks, topologies, transmission media, and security. It also examines significant aspects such as the TCP/IP protocol suite, the OSI model, and various network operating systems.

**CISS 125** 3 Cr Hrs

**Microsoft Client Administration**

This course will provide fundamental instruction in the planning, implementation, management, and support of Microsoft workstation and network operating systems. This course provides the skills and knowledge students need to prepare for one of the Microsoft MCSA exams. Prerequisite: CISS 107.

**CISS 131** 3 Cr Hrs

**Microsoft Server Administration**

This course provides the student with the skills to plan, install, and manage Microsoft network operating system. Prerequisite: CISS 116, CISS 125 or instructor permission.

**CISS 199** 1-5 Cr Hrs

**Special Topics**

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** 1-3 Cr Hrs

**IT Independent Study**

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 213** Available: spring 3 Cr Hrs

**CISCO Networking 1**

Training includes: OSI model and industry standards; network topologies; IP addressing, including subnet masks; networking components; and basic network design. Prerequisite: CISS 116 or instructor permission.

**CISS 216** Available: fall 3 Cr Hrs

**CISCO Networking 2**

This course reviews and applies network switch technologies such as: Virtual LANs, VTP, Spanning Tree Protocol. This course also covers small to medium sized Wireless LAN implementations.

**CISS 217** 3 Cr Hrs

**Fundamentals of Wireless LANS**

Fundamentals of Wireless LANS course teaches students to develop, implement, and troubleshoot wireless networks.

**CISS 219** 3 Cr Hrs

**CISCO Networking 3**

This course reviews and applies network routing technologies such as Routing protocols, RipV1/2, EIGRP, OSPF.

**CISS 222** 3 Cr Hrs

**CISCO Networking 4**

This course provides training in WAN theory and design, WAN technology, PPP, frame relay, network troubleshooting, national

SCANS Skills, and threaded case studies. Prerequisite: CISS 219. As part of this course, students will take a Technical Skill Assessment to demonstrate program proficiency.

**CISS 223** **3 Cr Hrs**  
**Advanced Internship**

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** **Available: fall** **3 Cr Hrs**  
**Network Security**

This course will explore basic concepts as it relates to overall network security, disaster recovery, safeguards against common network attacks, using various network devices and media to establish a secure network. This course provides the skills and knowledge students need to prepare for one of the Microsoft MCSA exams. Prerequisite: CISS 231.

**CISS 234** **3 Cr Hrs**  
**MS Server Active Directory**

The course provides an introduction to the Active Directory concepts and skills needed for the installation, troubleshooting, and monitoring of Active Directory services to maintain the integrity, confidentiality, and availability of data and devices. Microsoft Active Directory Configuration helps prepare students for entry-level Network Administrator opportunities and the globally recognized MCTS certification. Pre-requisite: CISS 233.

**CISS 236** **3 Cr Hrs**  
**Linux/UNIX**

The purpose of this course is to provide the fundamental skills needed to work in a Unix/Linux environment including an introduction to Unix commands, installation, and configuration and Linux basics, networking, productivity, and administration.

**CISS 240** **Available: spring** **3 Cr Hrs**  
**Cisco CCNA Security**

This course provides an introduction to the core security concepts and skills needed for the installation, troubleshooting, and monitoring of monitoring of network devices to maintain the integrity, confidentiality, and availability of data and devices. Prerequisite: CISS 222.

**CISS 285** **1-12 Cr Hrs**  
**Cooperative Education**

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** **3 Cr Hrs**  
**Comprehensive IT Project**

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** **3 Cr Hrs**

**Advanced Applications in Special Areas**

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** **3 Cr Hrs**  
**Web Authoring**

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** **3 Cr Hrs**  
**Website Design & Management**

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** **3 Cr Hrs**  
**DHTML**

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 123** **3 Cr Hrs**  
**E-Commerce Basics**

This course introduces students to the fundamentals of electronic commerce through real-life business scenarios, online tutorials, and individual projects. Discussion topics include Web security issues Web marketing, online stores, Web applications, and electronic payment systems. Students will implement the principles learned into an online project.

**CISW 125** **3 Cr Hrs**  
**Introduction to Programming**

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** **3 Cr Hrs**  
**Systems Analysis and Design**

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** **Available: spring** **3 Cr Hrs**  
**Web Programming with PHP**

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 225  
Web Programming with ASP****3 Cr Hrs**

Students will learn the fundamentals of server-side programming on web servers including database connectivity. Various programming technologies will be discussed and compared along with database solutions. Prerequisite: CISW 111 and CISW 125.

**CISW 230  
Intermediate Visual Basic Programming****3 Cr Hrs**

This course will provide students with the knowledge of how to plan and create more advanced interactive GUI applications. Students will learn how to access information in a database, print reports, and OLE. This course emphasizes ActiveX controls, internet related controls, and how to perform asynchronous processing using both events and callbacks. Prerequisite: CISW 125 or instructor permission.

**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.

**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 Available: fall, spring  
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 Available: fall  
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 Available: fall  
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 Available: fall, spring  
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 Available: spring  
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.

## CRIMINAL JUSTICE

**CRIJ 101** Available: fall, spring **3 Cr Hrs**

### Introduction to Criminal Justice

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** **3 Cr Hrs**

### Introduction to Police

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** **3 Cr Hrs**

### Introduction to Law & Justice

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** Available: spring **3 Cr Hrs**

### Introduction to Corrections

This course introduces the history, theory, practices, and research in adult, community, and institutional corrections.

**CRIJ 199** **1-5 Cr Hrs**

### Special Topics

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** **3 Cr Hrs**

### Community-Based Corrections

This course is designed to familiarize the student with the alternatives to formal incarceration utilizing resources and facilities within the community.

**CRIJ 205** **3 Cr Hrs**

### Constitutional Rights of Inmates

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** **3 Cr Hrs**

### Evaluation & Treatment of Offenders

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** **3 Cr Hrs**

### Patterns of Criminal Behavior

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** **3 Cr Hrs**

### Incarceration Alternatives

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** **3 Cr Hrs**

### Criminology

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** Available: spring **3 Cr Hrs**

### Criminal Evidence Law

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** Available: fall **3 Cr Hrs**

### Law of Arrest Search & Seizure

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** **3-6 Cr Hrs**

### Correctional Specialist Internship

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.

## CULINARY ARTS

**CULA 110** Available: fall **6 Cr Hrs**

### The Professional Kitchen

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** Available: spring **6 Cr Hrs**

### Introduction to Food Preparation

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 Available: fall, spring 3 Cr Hrs**  
**Food Sanitation**

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 Available: spring 3 Cr Hrs**  
**Menu Management**

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 Available: fall 3 Cr Hrs**  
**Food Service Nutrition**

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 Available: spring 3 Cr Hrs**  
**Food Service Purchasing**

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 3 Cr Hrs**  
**Internship**

Student must be employed by a hospitality establishment during the summer between their second and third terms.

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

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 Available: fall 6 Cr Hrs**  
**Adv Entrees & Plate Presentation**

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 Available: spring 6 Cr Hrs**  
**Advanced Entrees/Intro to Bakeshop**

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 1 Cr Hr**  
**Culinary International Experience**

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 2-4 Cr Hrs**  
**Cooperative Education**

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.

**DANCE**

**DANCE 101 3 Cr Hrs**  
**Dance Appreciation**

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 Available: fall, spring 1 Cr Hr**  
**Social Dance**

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 Available: fall, spring 1 Cr Hr**  
**Ballet 1**

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 Available: fall, spring 1 Cr Hr  
Jazz Dance 1**

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 fulfills the PHYA requirement for the Associate of Arts degree for non-dance majors. This course may be repeated once.

**DANC 130 Available: fall, spring 1 Cr Hr  
Modern Dance 1**

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 Available: fall, spring 1 Cr Hr  
Tap Dance**

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 fulfills the PHYA requirement for the Associate of Arts degree for non-dance majors. This course may be repeated once.

**DANC 210 Available: fall, spring 2 Cr Hrs  
Ballet 2**

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 PHYA requirement for the Associate of Arts degree for non-dance majors.

**DANC 220 Available: fall, spring 2 Cr Hrs  
Jazz Dance 2**

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 PHYA requirement for the Associate of Arts degree for non-dance majors.

**DANC 230 Available: fall, spring 2 Cr Hr  
Modern Dance 2**

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 PHYA requirement for the Associate of Arts degree for non-dance majors.

**DANC 250 Available: spring 2 Cr Hrs  
Choreographic Composition**

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 Available: fall, spring 1 Cr Hr  
Dance Portfolio**

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.

**DENTAL ASSISTANT****DENA 101 Available: fall 2 Cr Hrs  
Dental Assisting Theory 1**

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 Available: fall 1 Cr Hr  
Dental Assisting Theory 1 Lab**

This course is the laboratory for DENA 101.

**DENA 103 Available: fall 2 Cr Hrs  
Dental Anatomy & Terminology**

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 Available: fall 2 Cr Hrs  
Dental Radiology**

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 Available: fall 1 Cr Hr  
Dental Radiology Lab**

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 Available: fall 1 Cr Hrs  
Community Dental Health**

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 Available: fall 1 Cr Hrs  
Community Dental Health Clinical**

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 2 Cr Hrs  
Medical Emergencies**

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 Available: spring 2 Cr Hrs  
Dental Assisting Theory 2**

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 127, DENA 101, DENA 103, DENA 115, DENA 135 and DENA 142. Corequisites: DENA 151L and DENA 151C

**DENA 151C Available: spring 4 Cr Hrs  
Dental Assisting Theory 2 Clinical**

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 Available: spring 1 Cr Hr  
Dental Assisting Theory 2 Lab**

This course is the laboratory skills portion of DENA 151. Corequisite: DENA 151.

**DENA 165 Available: spring 1 Cr Hr  
Dental Materials**

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 Available: spring 1 Cr Hr  
Dental Materials Lab**

This course is the laboratory skills portion of DENA 165. Corequisite: DENA 165.

**DENA 175 1 Cr Hr  
Dental Practice Management**

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 Available: summer 1 Cr Hrs  
Expanded Functions**

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 Available: summer 5 Cr Hrs  
Expanded Functions Practicum**

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 Available: summer 2 Cr Hrs  
Expanded Functions Lab**

This course is the laboratory skills portion of DENA 185.

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

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 0 Cr Hrs  
Fundamentals of Dental Assisting**

*Prerequisite: Employment in a dental office.*

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.

**DENA S004 0 Cr Hrs  
Expanded Functions Dental Assisting**

*Prerequisite: DENA 001 and at least 6 months continuous employment in a dental office.*

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.

## DENTAL HYGIENE

**DENH 101 Available: fall 2 Cr Hrs  
Introduction to Dental Hygiene**

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 Available: fall 3 Cr Hrs**  
**Dental Hygiene Clinic 1**

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 Available: fall 2 Cr Hrs**  
**Dental Radiology**

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 1 Cr Hr**  
**Dental Radiology Lab**

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 Available: fall 2 Cr Hrs**  
**Dental Head and Neck Anatomy**

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 Available: fall 2 Cr Hrs**  
**Dental Anatomy Embryology & Histology**

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 Available: fall 2 Cr Hrs**  
**Medical Emergencies**

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 Available: spring 3 Cr Hrs**  
**Dental Hygiene Theory 2**

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 Available: spring 4 Cr Hrs**  
**Dental Hygiene Clinic 2**

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 Available: spring 1 Cr Hr**  
**Dental Materials**

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 1 Cr Hr**  
**Dental Materials Lab**

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 Available: spring 3 Cr Hrs**  
**Dental Pharmacology**

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 Available: spring 3 Cr Hrs**  
**Oral Pathology**

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 Available: spring 3 Cr Hrs**  
**Periodontics 1**

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 Available: fall 3 Cr Hrs**  
**Dental Hygiene Theory 3**

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 Available: fall 4 Cr Hrs**  
**Dental Hygiene Clinic 3**

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 Available: fall 2 Cr Hrs**  
**Pain Control and Methodology**

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 Available: fall 1 Cr Hrs**  
**Pain Control and Methodology Lab**

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 Available: fall 1 Cr Hr**  
**Community Dental Health**

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 Available: fall 3 Cr Hrs**  
**Periodontics 2**

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 Available: spring 3 Cr Hrs**  
**Dental Hygiene Theory 4**

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 Available: spring 4 Cr Hrs**  
**Dental Hygiene Clinic 4**

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 Available: spring 1 Cr Hr**  
**Special Needs Patients**

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 Available: spring 2 Cr Hrs**  
**Community Dental Health**

This course emphasizes planning and implementing educational programs in community dental health.

**DENH 280 Available: spring 2 Cr Hrs**  
**Legal and Ethical Issues**

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 Available: spring 1 Cr Hrs**  
**Testing and Board Reviews**

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.

## DIESEL TECHNOLOGY

**DIET 101 1 Cr Hr**  
**Introduction to Diesel Technology**

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 Available: fall 4 Cr Hrs**  
**Fundamentals of Electricity**

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 Available: fall 1 Cr Hr**  
**Electrical Systems**

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 Available: spring 1 Cr Hr**  
**Applied Leadership**

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 Available: fall 2 Cr Hrs**  
**Heating, Ventilation & AC**

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 Available: fall 3 Cr Hrs**  
**Analysis of Hydraulics**

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 Available: fall 3 Cr Hrs**  
**Hydraulic & Air Brake Systems**

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 Available: spring 1 Cr Hr**  
**Diesel Fuel Injection**

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 Available: spring 3 Cr Hrs**  
**Basic Diesel Engines**

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 Available: spring 2 Cr Hrs**  
**Advanced Diesel Engines**

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 Available: spring 4 Cr Hrs**  
**Drive Train Fundamentals**

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 Available: spring 2 Cr Hrs**  
**Suspensions & Steering Systems**

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 Available: spring 1 Cr Hr**  
**Preventative Maintenance**

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 1 Cr Hr**  
**Advanced Occupational Communication**

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

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 1-3 Cr Hrs**  
**Diesel Independent Study**

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 Available: summer 9 Cr Hrs**  
**Advance Diesel Technology**

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 Available: fall, spring, summer 9 Cr Hrs**  
**Cooperative Education**

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 1 Cr Hr**  
**Elements of Drafting Technology 1**

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 1 Cr Hr**  
**Elements of Drafting Technology 2**

A continuation of DRAT 101.

**DRAT 105 1 Cr Hr**  
**Trigonometry for the Trades**

Practical application of trigonometric principles as they apply to trade and industry. Prerequisite: MATH 025, MATH 123, or appropriate score on the CSI Placement exam score.

**DRAT 107 1 Cr Hr**  
**Applied Leadership**

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 2 Cr Hrs**  
**Introduction to Board Drafting**

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 4 Cr Hrs**  
**Intro to Computer Aided Drafting**

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 4 Cr Hrs**  
**Orthographic Projection**

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 3 Cr Hrs**  
**Dimensioning Standards**

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 2 Cr Hrs**  
**Dimensioning in AutoCAD**

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 1-8 Cr Hrs**  
**Drafting Independent Study**

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 2 Cr Hrs**  
**Intermediate Drafting**

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 3 Cr Hrs**  
**Solid Modeling**

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 ANSII standards.

**DRAT 150 4 Cr Hrs**  
**Machine Drafting**

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 6 Cr Hrs**  
**Civil Drafting**

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 2 Cr Hrs**  
**Customizing AutoCAD**

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** **2 Cr Hrs**  
**Electrical Drafting**

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** **6 Cr Hrs**  
**Architectural Drafting**

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** **2 Cr Hrs**  
**Structural Drafting**

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

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** **1-3 Cr Hrs**  
**Drafting Independent Study**

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** **2-12 Cr Hrs**  
**Cooperative Education**

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.

**EARLY CHILDHOOD EDUCATION****EARC 105** **Available: fall** **2 Cr Hrs**  
**Early Childhood Environments**

This course, students will learn how to design and arrange quality early childhood learning environments that are healthy and safe. Students will also learn to develop Literacy, Manipulative, Sensory, Science, Math, Block, Dramatic Play, Art, Outdoor, Music and Technology centers. Students are required to complete and pass a background check. Students are required to complete and pass a background check.

**EARC 109** **Available: fall, spring** **3 Cr Hrs**  
**Foundations of Early Childhood Education**

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** **Available: fall, spring** **3 Cr Hrs**  
**Early Childhood Practicum**

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 credits for the AAS degree and 6 credits for the AA degree. Corequisite: EARC 166.

**EARC 166** **Available: fall, spring** **2 Cr Hrs**  
**Early Childhood Curriculum**

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** **3 Cr Hrs**  
**CDA Training 1**

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** **3 Cr Hrs**  
**CDA Training 2**

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** **3 Cr Hrs**  
**CDA Training 3**

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 Available: spring 1 Cr Hr  
Recognizing Child Abuse**

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 Available: fall 3 Cr Hrs  
Intro to Teaching Children's Literature**

This course is a review of children's literature and the role of literacy in the development of the young child.

**EARC 195 Available: fall 1 Cr Hr  
SRAEYC Conference**

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 1-5 Cr Hrs  
Special Topics**

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 1-3 Cr Hrs  
Early Childhood Ed Independent Study**

This is a long-term project. Students should make contact with the instructor in their field of interest.

**EARC 203 Available: spring 3 Cr Hrs  
Child Development**

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 Available: fall 3 Cr Hrs  
Infant & Toddler Care & Education**

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 Available: spring 3 Cr Hrs  
Inclusive Practices for Infants & Toddlers**

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 107.

## ECONOMICS

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

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 3 Cr Hrs  
Principles of Macroeconomics**

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 3 Cr Hrs  
Principles of Microeconomics**

Principles of governing production, price relationships, and income distribution and their application to selected problems.

**ECON 296 Available: fall 3 Cr Hrs  
International Economics**

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.

## EDUCATION ASSISTANT

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

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 4 Cr Hrs  
Educational Applications of Spanish**

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 3 Cr Hrs  
Conversational Spanish in Education**

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 Education** **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** **3 Cr Hrs**  
**Teaching, Learning, and Technology**

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** **3 Cr Hrs**  
**Internship**

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** **3 Cr Hrs**  
**ESL Methodology & Practice**

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 credit hours that may be accumulated.

## EDUCATION

**EDUC 105** **3 Cr Hrs**  
**CAD Engineering And Design**

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** **1 Cr Hr**  
**Applied Leadership & Safety**

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** **3 Cr Hrs**  
**Computer Operating Systems**

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** **2 Cr Hrs**

**Introduction to Welding Instruction**

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 111** **3 Cr Hrs**

**Introduction to Manufacturing**

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 025, MATH 108 or higher, compass or ACT placement score or Instructor's permission.

**EDUC 110** **1 Cr Hr**

**Peer Tutor Training**

This course provides an introduction to individual and small group tutoring. Emphasis is placed on teaching strategies, communication skills, ethics, and learning styles.

**EDUC 199** **1-5 Cr Hrs**

**Special Topics**

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**EDUC 201** **3 Cr Hrs**

**Foundations of Education**

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** **Available: fall, spring** **1 Cr Hr**

**Field Experience**

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** **1-4 Cr Hrs**

**Applied Education**

This course applies principles of education to teaching and other related education areas. Prerequisite: EDUC 201 or instructor permission.

**EDUC 204** **3 Cr Hrs**

**Families, Communities, & Culture**

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** **3 Cr Hrs**  
**Development/Individual Differences**

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 in the schools. (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 215** **3 Cr Hrs**  
**Educational Technology**

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 includes Portfolio Entry: Technology Portfolio. 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). Corequisite: ENGL101

**EDUC 265** **3 Cr Hrs**  
**Online Learning Environments**

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** **Available: fall, spring, summer** **1 Cr Hr**  
**Education Exit Seminar**

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.

## EMERGENCY MEDICAL TECHNOLOGY

**EMEM 102** **Available: fall, spring** **8 Cr Hrs**  
**Emergency Medical Technician**

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** **Available: fall, spring** **2 Cr Hrs**  
**EMT Lab\***

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** **Available: fall** **6 Cr Hrs**  
**Advanced EMT 1\***

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** **Available: fall** **3 Cr Hrs**  
**Advanced EMT Lab 1\***

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** **Available: fall** **3 Cr Hrs**  
**Advanced EMT Clinical 1\***

This course introduces students to the Hospital Clinical Experience for Advanced Emergency Medical Technician curriculum. Corequisites: EMEM 106 and EMEM 106L

**EMEM 108** **Available: spring** **6 Cr Hrs**  
**Advanced EMT 2\***

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** **Available: spring** **3 Cr Hrs**  
**Advanced EMT Lab 2\***

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** **Available: fall** **3 Cr Hrs**  
**Advanced EMT Clinical/Internship 2\***

This course is the Hospital Clinical and Ambulance Internship Experience for Advances Emergency Medical Technician Curriculum. Corequisites: EMEM 108 and EMEM 108L.

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

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## ENGINEERING

**ENGI 105** **Available: fall, spring** **2 Cr Hrs**  
**CAD Engineering Graphics**

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 Available: fall 2 Cr Hrs**  
**Introduction to Engineering**

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

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 Available: fall 3 Cr Hrs**  
**Mechanics Statics**

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 Available: spring 3 Cr Hrs**  
**Mechanics Dynamics**

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 Available: spring 4 Cr Hrs**  
**Electrical Circuits**

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 Available: fall 4 Cr Hrs**  
**Engineering Measurements**

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 108 or 123.

**ENGLISH**

**ENGL 015 4 Cr Hrs**  
**Basic English and Writing**

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 6 Cr Hrs**  
**Writing and Reading Connections**

English 020 Writing and Reading Connections fulfills the requirements for English 015 and Reading 090. 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. The course prepares students for ENGL 090 and for college-level reading.

**ENGL 025 Available: fall, spring 3 Cr Hrs**  
**Spelling Development**

This course is a review and enhancement of basic spelling patterns and rules. It is designed to help students improve spelling skills in preparation for college writing. Prerequisite: Placement test score or instructor permission.

**ENGL 035 Available: fall, spring 1 Cr Hr**  
**English Grammar & Usage**

This course is an introduction and review of traditional English grammar and usage, including parts of speech, phrases, complete sentences, sentence fragments, run-on sentences, subject-verb agreement, pronoun usage and punctuation. This course is recommended for students in English composition courses who need additional review or for anyone who wants to understand accepted language patterns in order to identify and correct common errors.

**ENGL 090 3 Cr Hrs**  
**Developmental Composition**

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 101 3 Cr Hrs**  
**English Composition 1**

English 101 emphasizes the process and strategies of writing with critical attention to purpose, audience, and style. Students write analytical essays based on readings, observations, and ideas; develop their inventiveness and voice; and edit for style and conventions of standard usage. This course introduces MLA format. Placement in 101 is based on a proficiency test score and a department writing sample. Prerequisite: ENGL 090 or equivalent placement test score.

**ENGL 102 3 Cr Hrs**  
**English Composition 2**

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 1 Cr Hr**  
**English Composition**

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 3 Cr Hrs**  
**Film & Literature**

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** **3 Cr Hrs**  
**Introduction to Literature**  
 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** **1-5 Cr Hrs**  
**Special Topics**  
 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** **1-3 Cr Hrs**  
**English Independent Study**  
 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** **3 Cr Hrs** **Available: fall**  
**Intermediate Expository Composition**  
 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** **3 Cr Hrs** **Available: spring**  
**Technical Communication**  
 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** **3 Cr Hrs** **Available: spring**  
**Introduction to Poetry**  
 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** **3 Cr Hrs** **Available: spring**  
**Science Literature & Environment**  
 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** **3 Cr Hrs** **Available: spring**  
**Intro to Literary Analysis**  
 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** **3 Cr Hrs** **Available: fall**  
**Survey of World Mythology**  
 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** **3 Cr Hrs** **Available: spring**  
**Introduction to Shakespeare**  
 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** **3 Cr Hrs** **Available: fall**  
**Survey of Western World Literature 1**  
 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** **3 Cr Hrs** **Available: spring**  
**Survey of Western World Literature 2**  
 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** **3 Cr Hrs** **Available: fall**  
**Survey of English Literature 1**  
 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** **3 Cr Hrs** **Available: spring**  
**Survey of English Literature 2**  
 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** **3 Cr Hrs** **Available: fall**  
**Survey of American Literature 1**  
 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** **3 Cr Hrs** **Available: spring**  
**Survey of American Literature 2**  
 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** **3 Cr Hrs** **Available: fall**  
**Creative Writing Poetry**  
 The goal of this course is to study the devices and techniques used in poems and to write poetry.

**ENGL 292** 3 Cr Hrs

**Creative Writing Fiction**

The goal of this course is to study the devices and techniques used in fiction and to write short stories.

**ENGL 293 Available: spring** 3 Cr Hrs  
**Creative Writing Nonfiction**

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.

**ENGLISH AS A SECOND LANGUAGE**

**ENGS 025 Available: fall, spring** 2 Cr Hrs  
**ESL Vocabulary Development**

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 Available: fall, spring** 3 Cr Hrs  
**ESL Grammar 1**

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 Available: fall, spring** 3 Cr Hrs  
**ESL Grammar 2**

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 Available: fall, spring** 3 Cr Hrs  
**ESL Grammar 3**

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 Available: fall, spring** 2 Cr Hrs  
**ESL Speaking & Listening**

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 Available: fall, spring** 3 Cr Hrs  
**ESL Reading & Writing 1**

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 Available: fall, spring** 3 Cr Hrs  
**ESL Reading & Writing 2**

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 Available: fall, spring** 3 Cr Hrs  
**ESL Reading & Writing 3**

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 Available: fall, spring** 2 Cr Hrs  
**ESL Listen & Speak for College**

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.

**ENVIRONMENTAL TECHNOLOGY**

**ENVT 101** 3 Cr Hrs  
**Wind Energy**

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** 2 Cr Hrs  
**Introduction to Renewable Energy**

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** 1 Cr Hr  
**Intro to Renewable Energy Lab**

This Lab accompanies the lecture, reinforcing lesson topics through hands on experience and field trips pertinent to renewable energy sites.

**ENVT 110 Available: fall** 2 Cr Hrs  
**Industrial Safety (OSHA 10/CPR)**

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 Available: fall 1 Cr Hr  
Industrial Tools and Equipment**

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 3 Cr Hrs  
Residential Energy**

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.

**ENVT 123 3-6 Cr Hrs  
Environmental Technology Internship**

Students will serve an internship in the renewable energy/water resource industry with approval of the instructor. This course is variable credit depending on number of contact hours: 45 hours per credit hour.

**ENVT 125 Available: fall 1 Cr Hr  
Fluid Power and Hydraulics**

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 Available: fall 4 Cr Hrs  
Fundamentals of Electricity**

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 Available: spring 2 Cr Hrs  
Industrial Electricity**

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 Available: spring 3 Cr Hrs  
Electric Motors, Generators, & Controls**

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 Available: spring 3 Cr Hrs  
Renewable Electrical Production**

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 150 3 Cr Hrs  
Programmable Logic Controllers**

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 3 Cr Hrs  
Biofuels**

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.

**ENVT 165 Available: spring 3 Cr Hrs  
Mechanical Drives Systems**

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 2 Cr Hrs  
Environmental Law**

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 2 Cr Hrs  
Introduction to Horses**

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

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

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 1 Cr Hr  
Basic Roping Fundamentals**

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 1 Cr Hr  
Barrel Racing Techniques**

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.

<b>EQUUS 114</b> <b>Equine Activities</b>	<b>1 Cr Hr</b>	<b>EQUUS 236</b> Available: spring <b>Horse Judging 1</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 repeat this course 4 times.		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.	
<b>EQUUS 199</b> <b>Special Topics</b>	<b>1-5 Cr Hrs</b>	<b>EQUUS 237</b> Available: fall, spring <b>Horse Judging 2</b>	<b>2 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.		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.	
<b>EQUUS 200</b> <b>Equine Independent Study</b>	<b>1-4 Cr Hrs</b>	<b>EQUUS 242</b> Available: fall <b>Horse Anatomy &amp; Unsoundness 1</b>	<b>2 Cr Hrs</b>
This course is a long-term project by contact. Each credit 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 from for this project must be filled out and approved by the instructor, department chairman, and appropriate Instructional Dean. Prerequisite: Instructor permission.		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.	
<b>EQUUS 230</b> <b>Horseshoeing Basics 1</b>	<b>1 Cr Hr</b>	<b>EQUUS 243</b> Available: spring <b>Horse Anatomy &amp; Unsoundness 2</b>	<b>2 Cr Hrs</b>
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.		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	
<b>EQUUS 231</b> Available: spring <b>Horseshoeing Basics 2</b>	<b>1 Cr Hr</b>	<b>EQUUS 245</b> Available: spring <b>Draft Horses</b>	<b>2 Cr Hrs</b>
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.		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.	
<b>EQUUS 232</b> Available: fall <b>Equine Nutrition</b>	<b>2 Cr Hrs</b>	<b>EQUUS 265</b> <b>Horsemanship 1</b>	<b>1 Cr Hr</b>
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.		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.	
<b>EQUUS 233</b> Available: spring <b>Equine Reproduction</b>	<b>3 Cr Hrs</b>	<b>EQUUS 266</b> <b>Horsemanship 2</b>	<b>1 Cr Hr</b>
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.		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.	
<b>EQUUS 234</b> Available: fall <b>Horse Health</b>	<b>2 Cr Hrs</b>	<b>EQUUS 285</b> <b>Cooperative Education</b>	<b>1-12 Cr Hrs</b>
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.		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 credits.	
		<b>EQUUS 290</b> Available: spring <b>Business Aspects of Raising Horses</b>	<b>2 Cr Hrs</b>
		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** **1 Cr Hr**  
**Beginning Equitation**

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** **1 Cr Hr**  
**Intermediate Equitation**

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 then no lines at all to communicate with our horse and gain our horse's respect and partnership. Prerequisite: EQUUS 291.

**EQUUS 293** **1 Cr Hr**  
**Advanced Equitation**

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** **1 Cr Hr**  
**Beginning English Equitation**

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** **1 Cr Hr**  
**Intermediate English Equitation**

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** **1 Cr Hr**  
**Advanced English Equitation**

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.

**FINANCE**

**FINA 102** **3 Cr Hrs**  
**Personal Finance**

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

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.

**FINA 209** **3 Cr Hrs**  
**Fundamentals of Investing** **Available: fall, spring**

This course introduces students to stock market investing; including security market operations, common and preferred stocks, bonds, derivatives, mutual funds, and portfolio management. A framework is created for students to assess and monitor investments. Critical-thinking is employed to evaluate companies as potential investments. Students with limited financial experience are encouraged to complete FINA 102 before taking this course

**FIRE SERVICE TECHNOLOGY**

**FIRS 101** **1 Cr Hr**  
**Orientation 1**

The purpose, objectives, and scope of Idaho's Certification program is covered in this course. Organization charts; primary functions of state and national fire service organizations; local department public relations programs; and the cleaning, maintenance costs and degree of protection of the firefighter's protective clothing and other equipment are a part of the instruction received in this course. In addition, issues involving the fire service on a national level are covered.

**FIRS 102L** **1 Cr Hr**  
**Orientation 2**

Associated lab for FIRS 101.

**FIRS 103L** **2 Cr Hrs**  
**Orientation 3**

Associated lab for FIRS 101.

**FIRS 104** **1 Cr Hr**  
**Safety 1**

This course covers important aspects of safety on the fire ground and around the station. It is designed to provide the student with a working knowledge of the following: accident control concepts, safety programs, safe use of facilities, personal protective equipment, safety in training, en route hazard, the emergency scene, special hazards, and inspection safety.

**FIRS 105L** **1 Cr Hr**  
**Safety 2**

Associated lab for FIRS 104.

**FIRS 106L** **1 Cr Hr**  
**Safety 3**

Associated lab for FIRS 104.

**FIRS 107** **1 Cr Hr**  
**First Aid 1**

The firefighter student in this course will receive instruction leading to certification in General First Aid and CPR. Instruction will also be given in the "Heimlich" maneuver, triage, identifying and treating burns, controlling bleeding, applying dressing and bandages, and identifying and treating poisoning.

**FIRS 108L** **1 Cr Hr**  
**First Aid 2**

Associated lab for FIRS 107.

<b>FIRS 109L</b> <b>First Aid 3</b> Associated lab for FIRS 107.	<b>2 Cr Hrs</b>	<b>FIRS 120</b> <b>Breathing Apparatus 1</b> This course is designed to instruct the fire fighter student in the operational functions of self-contained protective breathing apparatus and the methods of maintaining it and putting it on. Proper methods for charging air cylinders and the limitations and the degree of protection of self-contained breathing equipment are also covered in this course. Many exercises in this course emphasize practical use of the equipment in a variety of simulated fire ground situations.	<b>1 Cr Hr</b>
<b>FIRS 110</b> <b>Fundamentals of Fire Service Science 1</b> This course is designed to provide the student with a basic knowledge of applied mathematics technically related to the field of fire science. In addition, other basic science principles are covered to include: Principles of fire protection chemistry; characteristics of matter; mechanics of liquids; magnet and magnetism; electricity; and atomic energy and radiation.	<b>1 Cr Hr</b>	<b>FIRS 121L</b> <b>Breathing Apparatus 2</b> Associated lab for FIRS 120.	<b>1 Cr Hr</b>
<b>FIRS 111</b> <b>Fundamentals of Fire Service Science 2</b> A continuation of FIRS 110.	<b>2 Cr Hrs</b>	<b>FIRS 122L</b> <b>Breathing Apparatus 3</b> Associated lab for FIRS 120.	<b>1 Cr Hr</b>
<b>FIRS 112</b> <b>Water Supply 1</b> In this course, the student will learn to identify properties of water, sources of water supply, parts of a water distribution system, types of hydrants, different types of pressure, and types of water main valves. Instruction will also be given in inspecting a fire hydrant, reading and recording flow pressures, and determining quantity of water from the opening.	<b>1 Cr Hr</b>	<b>FIRS 123</b> <b>Hose Techniques 1</b> All types, sizes, and uses of hoses are covered in this course including the use of nozzles--their attachment to hoses and the advancing of charged and dry lines. Inspection, maintenance, cleaning, rolling, and carrying of hose are other topics of instruction within the course.	<b>1 Cr Hr</b>
<b>FIRS 113L</b> <b>Water Supply 2</b> Associated lab for FIRS 112.	<b>1 Cr Hr</b>	<b>FIRS 124L</b> <b>Hose Techniques 2</b> Associated lab for FIRS 123.	<b>1 Cr Hr</b>
<b>FIRS 114</b> <b>Fire Stream Hydraulics 1</b> This course will cover different types of fire streams, the characteristics of good fire streams, and the proper fire streams to be used for different types of fires. It will also provide instruction in the operations of common foam-making devices and the use of different foams. Identification of nozzles and tips according to type, design, nozzle pressure, and flow in GPM for proper operation of each is part of this course of instruction.	<b>1 Cr Hr</b>	<b>FIRS 125</b> <b>Ladder Techniques 1</b> All types of ladders used in the fire service, their parts and their uses will be covered in this course. Ladder raises, ladder carries, materials used in ladder construction, ladder inspection, care maintenance, and testing are also topics of instruction in this course.	<b>1 Cr Hr</b>
<b>FIRS 115L</b> <b>Fire Stream Hydraulics 2</b> Associated lab for FIRS 114.	<b>1 Cr Hr</b>	<b>FIRS 126L</b> <b>Ladder Techniques 2</b> Associated lab for FIRS 125.	<b>1 Cr Hr</b>
<b>FIRS 116</b> <b>Ropes Knots &amp; Rescue 1</b> This course is designed to instruct the student in the use of ropes in a wide variety of applications: in the use of backboards and stretchers, victim lifts, carries and drags; and in methods for searching for victims in buildings.	<b>1 Cr Hr</b>	<b>FIRS 127</b> <b>Building Construction 1</b> This course is designed to provide the student with a thorough background in building construction principles as they relate to fire fighting. General construction principles, wood and ordinary construction, mill construction, and concrete and steel construction are included. Concepts of "fireproof" and "fire resistant" are also covered.	<b>1 Cr Hr</b>
<b>FIRS 117L</b> <b>Ropes Knots &amp; Rescue 2</b> Associated lab for FIRS 116.	<b>2 Cr Hrs</b>	<b>FIRS 128L</b> <b>Building Construction 2</b> Associated lab for FIRS 127.	<b>1 Cr Hr</b>
<b>FIRS 118</b> <b>Forcible Entry 1</b> This course provides the necessary knowledge and practical skills applications needed to perform the following forcible-entry operations: forcing doors, opening locked windows, opening walls and ceilings, opening roofs, and opening floors.	<b>1 Cr Hr</b>	<b>FIRS 129</b> <b>Ventilation 1</b> This course is designed to instruct the student in the use of hand and power tools as they apply to ventilation and forcible entry. The course also offers instruction in breaking and clearing windows, forcing windows, breaking walls, proper ventilation methods, and prevention of backdraft and safety precautions to be taken during ventilation.	<b>1 Cr Hr</b>
<b>FIRS 119L</b> <b>Forcible Entry 2</b> Associated lab for FIRS 118.	<b>1 Cr Hr</b>	<b>FIRS 130L</b> <b>Ventilation 2</b> Associated lab for FIRS 129.	<b>1 Cr Hr</b>

**FIRS 131 1 Cr Hr**

**Salvage & Overhaul 1**

This course will demonstrate the construction and use of a water chute and a water catchall, explain different methods of routing water and removing debris from a structure, demonstrate proper methods for folding and spreading salvage covers, explain main reasons for salvage and overhaul operations and precautions to be taken during them towards the prevention of evidence destruction.

**FIRS 132L 1 Cr Hr**

**Salvage & Overhaul 2**

Associated lab for FIRS 130.

**FIRS 133 2 Cr Hrs**

**Fundamentals of Fire Mathematics**

This course teaches a basic understanding of the fundamental math process--fractions, decimal fractions, measurement and weights, percentages and graphs, ration, proportion, powers and roots.

**FIRS 134 4 Cr Hrs**

**Fundamentals of Fire Chemistry**

This course includes the foundations of chemistry and chemical principles, language of science, chemical world and some of its reactions, physical forces caused by fire and the reactions that take place, and heat of fires and its significance before and during fires. The firefighter will demonstrate a basic understanding of the properties of solids and their importance in fire science, common flammable and combustible liquids and gases, flames and fire extinguishment, gas to halon extinguishing agents, fire classifications and water to foam agents.

**FIRS 135 4 Cr Hrs**

**Fundamentals of Fire Physics**

This course includes the characteristics of matter, motion and force, work and machines, liquids, characteristics of gases, combustion and heat, magnetism, electricity, atomic energy, and radiation. This course also includes basic principles and concepts of physical science in measurement, physical description, applied geometry, matter, mechanical properties of solids, fluids, force and accelerations, static equilibrium, energy and power, friction, simple machines, hydraulic and pneumatic principle, fluid in motion, waves, heat and temperature, heat transfer, heat engines, electricity, and magnetism and alternating currents.

**FIRS 199 1-5 Cr Hrs**

**Special Topics**

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.

**FIRS 201 2 Cr Hrs**

**Fire Cause Determination**

This course is designed to prepare the student with the knowledge and skills needed to correctly determine fire causes--the fire department's responsibility, the fire company's role, fire setters, and preserving and documenting evidence for the investigator and courtroom testimony.

**FIRS 202 2 Cr Hrs**

**Fire Ground Management**

The assuming of command of operation in a fire situation is the main subject of this course, dealing with the specific performances

of sizing up; positioning of vehicle, equipment, and personnel; determining point of attack; type of lay or lays required; type and size of hose and nozzles to be used; the supervision of personnel in accomplishing forcible entry, rescue, and other fire suppression activities.

**FIRS 203 1 Cr Hr**

**Hazardous Materials Incident Analysis 1**

This course is designed to give the student information on target hazards, configuration, local disaster plans, and the process of locating and notifying agencies on the disaster preparedness directory. The fire department's participation in the following disasters will also be covered: train derailment, building collapse, hazardous chemical/material exposure, major highway accident, aircraft accident, earthquake, fuel spill, forest fires, floods and riots.

**FIRS 204L 1 Cr Hr**

**Hazardous Materials Incident Analysis 2**

Associated lab for FIRS 203.

**FIRS 285 10 Cr Hrs**

**Cooperative Education**

A maximum of 10 credit hours will be awarded for supervised on-the-job training upon completion of all course work. The on-the-job training consists of the practical application of the principles and practices taught in the prescribed courses. The credit hours will be granted upon written recommendation of the instructor of record and the local fire chief.

**FRENCH**

**FREN 101 Available: fall 4 Cr Hrs**

**Elementary French 1**

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 Available: spring 4 Cr Hrs**

**Elementary French 2**

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 1-5 Cr Hrs**

**Special Topics**

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 1-3 Cr Hrs**

**French Independent Study**

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 Available: spring 1 Cr Hr**  
**Culinary International Experience**

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.

## GEOGRAPHY

**GEOG 100 4 Cr Hrs**  
**Physical Geography**

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 Available: spring 3 Cr Hrs**  
**Cultural Geography**

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

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 Available: fall, spring 3 Cr Hrs**  
**World Regional Geography**

This course surveys major world regions as bound together by environment, economics, culture, and politics. It includes consideration of world resource patterns and problems.

## GEOLOGY

**GEOG 101 4 Cr Hrs**  
**Physical Geology**

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 Available: spring 4 Cr Hrs**  
**Historical Geology**

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. Corequisite: GEOL 102L.

**GEOL 104 4 Cr Hrs**  
**Natural Disasters and Env Geology**

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 3 Cr Hrs**  
**Intro to Geology of Southern Idaho**

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 Available: fall and spring 3 Cr Hrs**  
**Fundamentals of GIS**

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 Available: fall, spring 2 Cr Hrs**  
**Introduction to GPS**

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

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** **3 Cr Hrs**  
**Geology Independent Study**

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

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. Corequisite: GEOL 226L.

**GEOL 275** **Available: spring** **1-4 Cr Hrs**  
**Field Geology**

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.

## HISTORY

**HIST 101** **3 Cr Hrs**  
**Western Civilization 1**

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** **3 Cr Hrs**

**Western Civilization 2**

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** **3 Cr Hrs**  
**US History 1**

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** **3 Cr Hrs**  
**US History 2**

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 Guided Age, the Progressive Era, the Great Depression, the World Wars, and the Cold War.

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

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** **3 Cr Hrs**  
**Latin American History**

This course surveys Latin American history including the Colonial Period, Revolution and Independence, the Nineteenth Century, and the Twentieth Century.

## HONORS

**HONS 101** **Available: spring** **1 Cr Hr**  
**Honors Reading**

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** **Available: spring** **1 Cr Hr**  
**Honors Reading**

This is a continuation of HONS 101.

**HONS 198** **Available: fall** **2 Cr Hrs**  
**Honors Seminar**

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 Available: spring  
Honors Reading**

**1 Cr Hr**

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 Available: spring  
Honors Reading**

**1 Cr Hr**

This is a continuation of HONS 201.

**HONS 298 Available: fall  
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.

**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 Hr**

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 credit 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 124  
Herbaceous Plants**

**2 Cr Hrs**

This course covers the use of flowers, groundcovers, and foliage in exterior and interior landscaping. It includes choosing and placing plants based on appearance, function, practicality, and cultural requirements.

**HORT 147 Available: fall  
Landscape Planning & Design**

**2 Cr Hrs**

This course offers a practical approach to the art and science of landscape design. Landscape planning and design is the creation of aesthetic concepts for comfortable, practical, and enjoyable outdoor living spaces. Students learn how designers balance the concerns of people and their environments while applying simple artistic principles to residential, commercial, and public use area planning and designs. This is an 8-week course.

**HORT 160 Available: spring  
Introduction to Gardening**

**1 Cr Hr**

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 Hr**

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 3 Cr Hrs****Turfgrass Culture**

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 3 Cr Hrs****Plant Propagation**

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.

**HORT 204 2 Cr Hrs****Woody Landscape Plants**

This course examines woody plants commonly used in landscaping based upon their identification, ornamental characteristics, propagation, culture, and uses. Topics include both evergreen and deciduous trees, shrubs, and vines used as timber, ornamentals, drugs, spices, and edibles.

**HORT 208 2 Cr Hrs****Urban Forestry**

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 3 Cr Hrs****Arboriculture**

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 1-6 Cr Hrs****Horticulture Practicum**

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 3 Cr Hrs****Greenhouse Management**

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 3 Cr Hrs****Advanced Greenhouse Studies**

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 3 Cr Hrs****Nursery Management**

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 260 2 Cr Hrs****Hands-On Gardening**

This is the practical application and implementation of advanced gardening theory in designs, techniques, and skills. This course deals with common vegetable and flower gardening issues through hands-on use of on campus gardening plots. Students will also study particulars of herbs, berries, grapes, fruit trees, and edible landscaping production.

**HOSPITALITY MANAGEMENT****HOSM 110 Available: fall, spring 2 Cr Hrs****Intro to the Professional Kitchen**

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 Available: spring 3 Cr Hrs****Hospitality Law**

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 Available: fall 3 Cr Hrs****Introduction to Hospitality**

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 Available: spring 3 Cr Hrs****Hospitality Marketing**

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 Available: spring 3 Cr Hrs****Front Office Management**

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 Available: fall 2 Cr Hrs  
Hotel Housekeeping**

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 Available: fall 2 Cr Hrs  
Maintenance and Engineering**

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 Available: fall 2 Cr Hrs  
Event Management**

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 Available: spring 3 Cr Hrs  
Customer Service & Conflict Resolution**

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 1-5 Cr Hrs  
Special Topics**

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 Available: fall 3 Cr Hrs  
Food and Beverage Service**

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 0 Cr Hr  
Desert Café Lab**

This lab will provide students with hands-on opportunities to work in a restaurant environment by working in the Desert Café.

**HOSM 267 Available: fall 3 Cr Hrs  
Food and Beverage Controls**

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 0 Cr Hrs  
Desert Café Lab**

This lab will provide students with hands-on opportunities to work in a restaurant environment by working in the Desert Café.

**HOSM 277 Available: fall, spring 0-1 Cr Hr  
Hospitality Management Association**

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 1-3 Cr Hrs  
Cooperative Education**

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 1-9 Cr Hrs  
Walt Disney World College Intern**

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.

**HUMANITIES****HUMA 101 3 Cr Hrs  
Introduction to Humanities 1**

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 3 Cr Hrs  
Introduction to Humanities 2**

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. Arranged thematically rather than chronologically, the class takes a broad look at humanities through the arts.

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

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.

## HUMAN SERVICES

### **HUMS 101** **3 Cr Hrs**

#### **Introduction to Human Services**

Examines human services as a profession and describes a variety of clients/patients, the generalist human services professional and interaction between helper and client/patient. Emphasizes the history of helping, human services movement, current influences on human services, technology, managed care and models of service delivery.

### **HUMS 103** **2 Cr Hrs**

#### **Intentional Interviewing Tech**

Explores and clarifies the micro-skills and performance of interviewing behavior for specific purposes. Levels of interviewing behavior mastery skills are discussed and demonstrated. Individual participation is emphasized in the course for skills practice, group practice and self assessment. Corequisites (for Human Services majors only): HUMS 105, HUMS 185 and HUMS 202.

### **HUMS 105** **2 Cr Hrs**

#### **Understand the Helping Relationship**

This course explores the nature and purpose of the helping professional relationship with the client/patient. Special emphasis placed on the (self, perception, roles and rights of the professional. Students will study personal meaning, the atmosphere for helping, problem-solving approaches in helping, the role of self fulfillment in helping, human potential and the skill of empathy. Students will explore themselves as potential human service professional and the significance they bring to the setting. Corequisites (for Human Services majors only): HUMS 103, HUMS 185 and HUMS 202.

### **HUMS 185** **4 Cr Hrs**

#### **Clinical Practicum 1**

This course is a clinical experience in human service settings, i.e. assisted living facilities, long term care agencies, schools, psychiatric settings, hospitals, and agencies in which supportive communications is required. Corequisites (for Human Services majors only): HUMS 103, HUMS 105 and HUMS 202 or instructor permission.

### **HUMS 199** **1-5 Cr Hrs**

#### **Special Topics**

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.

### **HUMS 202** **2 Cr Hrs**

#### **Group Dynamics Leadership**

The emphasis of this course is on group dynamics, purposes of groups, stages of group process, and skills needed to facilitate various kinds of groups. Since some group experiences happen in Human Service practicum settings, there will be some processing of those group dynamics. Corequisites (for Human Services majors only): HUMS 103, HUMS 105 and HUMS 185.

### **HUMS 280** **4 Cr Hrs**

#### **Clinical Practicum 2**

Continuation of clinical experience in a variety of settings. Transition begins toward cooperative education work sites while refining communication and performance skills in the human service setting. Prerequisite: HUMS 103, HUMS 105, HUMS 185 and HUMS 202 or instructor permission.

### **HUMS 285** **4 Cr Hrs**

#### **Cooperative Education**

Clinical experience in a human service setting. Students must have demonstrated communication/performance skills, theory of human service delivery and successful practicum (HUMS 295).

### **HUMS 295** **4 Cr Hrs**

#### **Clinical Practicum 3**

This course is a continuation of clinical experience in a variety of settings. Transitions continue toward cooperative education work. Prerequisite: HUMS 280 or Permission of instructor.

### **HUMS 297** **2 Cr Hrs**

#### **Human Services Seminar 1**

Using a seminar format, students will be introduced to the history and concepts of case management, as well as, learn entry level case management skills utilized in Human Service work settings. Emphasis will be placed on a case manager's role in identifying community resources and linking clients to those resources. Prerequisite: HUMS 280 and HUMS 295 or instructor permission.

### **HUMS 298** **2 Cr Hrs**

#### **Human Services Seminar 2**

Using a seminar format, students will have an opportunity to explore various leadership theories, examine the strengths and challenges of their current leadership skills and develop through reading, reflection and application to group projects, the skills to "lead from within". Prerequisite: HUMS 297 or instructor permission.

## INDUSTRIAL MECHANICS

### **INDM 101** **1 Cr Hr**

#### **Industrial Safety**

Industrial Safety instructs students in the importance and application of safe industrial practices and OSHA compliance. Prerequisite: C or better in MATH 025 or COMPASS placement.

### **INDM 105** **1 Cr Hr**

#### **Industrial Tools and Equipment**

Students will learn to identify and safely use wrenches, mallets, hammers, tap and die, meters, gauges, gear pullers, pliers, grinders, drills, cutting tools, welders, and light machining equipment.

### **INDM 110** **2 Cr Hrs**

#### **Fundamentals of Electricity/Electronics**

Students will be exposed to many facets of electrical energy. This course will cover basic electrical circuit information such as voltage, current, resistance, series circuits, parallel circuits, combination circuits, conductors, insulators, electrical power, sources of electrical energy, magnetism, meters, AC/DC current, and other relevant topics. Prerequisite: C or better in Math 025 or placement; Corequisite: INDM 112 and INDM 114.

### **INDM 112** **1 Cr Hr**

#### **AC Electrical Circuits 1**

This course introduces the student to alternating current electricity, its behavior in AC circuits. Students will learn about reactance

and impedance, AC circuit analysis, resonance and tuned circuits, mutual inductance and transformers. Corequisite: INDM 110 and INDM 114.

**INDM 114** **DC Electrical Circuits I** **1 Cr Hr**

This course introduces the student to direct current electricity and its behavior in DC circuits. Students will learn about resistance, DC power and energy, DC voltage and current laws, DC circuit analysis, DC circuit calculations and interpretation. Corequisite: INDM 110 and INDM 112.

**INDM 135** **Industrial Rigging and Crane Operations** **1 Cr Hr**

Students will learn to safely secure, move, and place heavy objects. Crane hand signals, forklift operation, rigging hardware, jacks, and safety are examples of relevant course topics.

**INDM 141** **Mechanical Drive Systems** **2 Cr Hrs**

Students will learn fundamentals of mechanical drive systems including centrifugal pumps, rotary pumps, and reciprocating pumps. Valves and controls will be discussed.

**INDM 151** **Fluid Power and Hydraulics** **2 Cr Hrs**

Hydraulics is a study dealing with the mechanical properties 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

**INDM 161** **Electrical Motors and Generators** **2 Cr Hrs**

This course is an introduction to the terminology and basic principles of Direct Current and Alternating Current motors and generators. Students will be exposed to not only single phase but three phase motors and generators as well as the controls that allow operation. College Algebra skill level strongly recommended.

**INDM 165** **Electrical Motors Controls** **2 Cr Hrs**

Students will explore the basic principles of electric motor control (both manual and magnetic), principles of ladder logic, standard control circuits such as start/stop and forward/reverse, as well as troubleshooting techniques. Topics include manual motor starters, control transformers, magnetic motor starters, overload protection, reversing techniques, timer relays, and automatic input devices. College Algebra skill level strongly recommended.

**INDM 212** **AC Electrical Systems** **4 Cr Hrs**

This course builds on AC electrical theory gained in INDM 112 including the integration of electrical circuits into larger systems. Prerequisite: INDM 112 AC Electrical Circuits I.

**INDM 214** **AC Electrical Motor Applications** **2 Cr Hrs**

This course builds on knowledge and skills gained in INDM 161 and 165 including the integration of electrical motors and controls into larger systems. Prerequisite: INDM 165 Electrical Motor Controls.

**INDM 216** **Electrical Schematics** **1 Cr Hr**

This course covers the interpretation of electrical diagrams, schematics, and drawings common to electrical applications.

**INDM 224** **Industrial Electricity** **2 Cr Hrs**

This course consolidates and applies knowledge gained in electrical theory, generation, motor controls, and other Industrial Technology courses.

**INDM 250** **Programmable Logic Controllers I** **2 Cr Hrs**

Students will identify and explain the basic components, operating characteristics, common programming languages, input/output interfacing, and troubleshooting of programmable logic controllers (PLC's). Students will connect, operate, and troubleshoot PLC's.

**INDM 260** **Programmable Logic Controllers II** **2 Cr Hrs**

This course is a continuation and application of INDM 250. Prerequisite: INDM 250 Programmable Logic Controllers I.

**INDM 270** **Data Acquisition and Circuits** **2 Cr Hrs**

This course is a study of transducers and measurement techniques including data conversion and computer data acquisition methods. The course will give students information on how resource data is collected and analyzed for the use in a variety of control situations (e.g. wind turbine yaw control).

**INSTRUCTIONAL SUPPORT**

**INSS P101** **Available: fall, spring** **1 Cr Hr**  
**Becoming a Master Student**

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 Hr**

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****0 Cr Hrs****Beginning Reading**

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****0 Cr Hrs****Beginning Writing**

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****0 Cr Hrs****Beginning Pronunciation**

An introduction to English pronunciation for learners of English. Students will study and practice correct pronunciation of English vowel and consonant sounds.

**INTE 005****0 Cr Hrs****Beginning Conversation/Vocabulary**

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****0 Cr Hrs****Intermediate Grammar**

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****0 Cr Hrs****Intermediate Reading**

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****0 Cr Hrs****Intermediate Writing**

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****0 Cr Hrs****Intermediate Pronunciation**

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****0 Cr Hrs****Intermediate Conversation/Vocabulary**

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.

**JAPANESE****JAPN 101****Available: fall****4 Cr Hrs****Elementary Japanese 1**

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****Available: spring****4 Cr Hrs****Elementary Japanese 2**

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

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****1-3 Cr Hrs****Japanese Independent Study**

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.

**JOURNALISM****JOUR 100****1 Cr Hr****Newspaper**

This course provides supervised credit for producing the CSI student newspaper, The Tower. It may be taken for credit twice; students taking the course for the first time must enroll in JOUR 222 concurrently. Prerequisite: JOUR 121 with a grade of C or better.

**JOUR 121****3 Cr Hrs****News Writing**

This course introduces the elements of news writing for media. The course emphasizes objective, responsible reporting of hard news and writing according to accepted standards of journalistic style and usage. Prerequisite: ENGL 101 with a grade of C or better or demonstrated writing proficiency.

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

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.

**JOUR 222** **3 Cr Hrs****Advanced Reporting Layout & Editing**

This course continues the principles introduced in JOUR 121 and introduces copy editing and page design and layout. Prerequisite: JOUR 121 with a grade of C or better.

**JOUR 290** **1 Cr Hr****News Editing**

This course focuses on news editing. The course emphasizes editing and writing hard-copy news according to accepted standards of journalistic style and usage beyond the JOUR 121 level. Prerequisite: JOUR 121 with a grade of C or better or demonstrated writing proficiency. The course can be repeated for credit up to three times. Instructor permission required.

**LABORATORY TECHNOLOGY****LABT 101** **2 Cr Hrs****Laboratory Safety**

This course teaches proper safety while handling chemicals, glassware, and using laboratory equipment.

**LABT 125** **4 Cr Hrs****Laboratory Procedures 1**

Correct laboratory procedures for using glassware, preparing samples, maintaining records, and using laboratory instruments; competencies in these areas will be developed hands-on on a daily basis.

**LABT 150** **2 Cr Hrs****QA/QC in the Laboratory**

This course teaches the practice of quality assurance and quality control practices for laboratories.

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

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.

**LABT 201** **1 Cr Hr****Laboratory Instrumentation**

This course introduces students to the operation to the operation of highly technical laboratory instruments used in modern analyses.

**LABT 250** **4 Cr Hrs****Laboratory Procedures 2**

This course is a continuation of LABT 125. Prerequisite: LABT 125.

**LAW ENFORCEMENT****LAWE 101** **2 Cr Hrs****Introduction to Law Enforcement**

This course is a study of the history, philosophy, and principles of Law Enforcement; crime analysis, ethical decision making skills, physical fitness training; and an introduction to fields of law enforcement.

**LAWE 103** **1 Cr Hrs****Basic Law**

This course reviews constitutional law, Idaho Criminal Code, rules of evidence, laws of arrest, search and seizure, Fish and Game, courtroom testimony, and traffic and alcohol laws.

**LAWE 105** **2 Cr Hrs****Police Procedures**

This course will cover the U.S. Constitutional, death notification, juvenile procedures, use of force, sexual harassment, and various patrol functions.

**LAWE 106** **2 Cr Hrs****Police Proficiencies**

This course develops proficiency in armed defense, arrest techniques, weapons retention, impact tools and ground defense.

**LAWE 107** **1 Cr Hr****Law Enforcement Leadership**

This course introduces students to the attributes and skills desirable to become effective leaders within their law enforcement departments and their communities. The instruction stresses the importance of image, communication skills, problem solving and conflict resolution.

**LAWE 111** **3 Cr Hrs****Patrol Procedures**

This course presents patrol as the basic operation of the police function. It includes report writing, community policing, and crime prevention, auto theft, crimes against children and traffic stops.

**LAWE 115** **1 Cr Hr****Criminal Investigation**

This course provides experience in study and application of the fundamentals of investigation, techniques of crime scene recording and search, preservation of evidence, and modus operandi.

**LAWE 117** **2 Cr Hrs****Advanced Patrol Procedures**

This course examines tactical situations, conditions, and actions encountered by officers DUI investigation, focused interviewing, domestic violence, drug identification, and building searches.

**LAWE 120** **1 Cr Hr****Cadet Practicum 1**

This course allows the student to apply learning to real-life career possibilities. Students will be scheduled to visit various job sites. Written evaluations provided by the agencies, and/or the employer, will be the basis for grading. Students may also be required to submit accurate reports for reviewing incidents that may be encountered during the practicum. Cadet Practicum 1 may include, but not be limited to, offering the student experience with organizations that deal with social aspects of law enforcement.

**LAWE 121** **1 Cr Hr****Cadet Practicum 2**

This course allows the student to apply learning to real-life career possibilities. Students will be scheduled to visit various job sites. Written evaluations provided by the agencies, and/or the employer, will be the basis for grading. Students may also be required to submit accurate reports for reviewing incidents that may be encountered during the practicum. Cadet Practicum 2 may include, but not be limited to, offering the student experience with security organizations and communication facilities.

**LAWE 122****1 Cr Hr****Cadet Practicum 3**

Cadet Practicum allows the student to apply learning to real-life career possibilities. Students will be scheduled to visit various job sites. Written evaluations provided by the agencies, and/or the employer, will be the basis for grading. Students may also be required to submit accurate reports for reviewing incidents that may be encountered during the practicum. Cadet Practicum 3 may include, but not be limited to, patrol and detention duties.

**LAWE 126****2 Cr Hrs****Basic Collision Investigation**

Students will be able to gather evidence at most collision scenes they encounter and to conduct a simple speed analysis for most basic collisions. Pertinent speed and crash formulas will be used.

**LAWE 130****1-3 Cr Hrs****Detention Administration Issues**

This course reviews jail standards, medical and human relation issues related to detention, con games, and inmate classifications.

**LAWE 131****1-2 Cr Hrs****Detention Legal Issues**

This course provides an overview of legal issues in detention to include inmate rights, juvenile and inmate disciplinary issues, and the criminal process.

**LAWE 133****1-2 Cr Hrs****Detention Proficiencies**

This course provides training regarding cell searches cell extractions, fire evacuation, hostage survival, and transporting prisoners.

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

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 222****3 Cr Hrs****Fit For Duty**

This course introduces students to human anatomy as it relates to physical activity and good nutrition while relating them to alleviating stress. Meanwhile through a practical fitness program, students prepare to achieve the fitness goals of POST (Peace Officers Standards & Training) Academy.

**LIBRARY AND INFORMATION SCIENCE****LIIS 103****2 Cr Hrs****Library Skills**

This course provides an introduction to finding useful information, both in electronic form and in print, for college research. Emphasis is on evaluating the quality of different information resources.

**LIIS 150****3 Cr Hrs****Introduction to Library & Information Science**

This course is an overview of the field of librarianship, library studies and information science. It provides students an introduction to the purpose, functions, values, history, development, current state and future of library and information services, processes and technology used in the field, the different types of modern libraries and the principles and methods by which they are organized,

classification systems, practice of the profession in various settings, career opportunities in the industry/profession, as well as relevant legal and ethical issues.

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

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****3 Cr Hrs****Organization of Information & Resources**

This course provides an introduction to the principles, techniques, and standards used to represent and organize information. It covers the fundamental concepts of theory and practice in information organization, storage and retrieval, including an introduction to existing systems and standards. Students are introduced to the philosophy, tools and methods of cataloging print and non-print materials using the Anglo American Cataloging Rules, the Dewey Decimal Classification, and the Library of Congress Classification. Prerequisite: LIIS 150

**LIIS 230****3 Cr Hrs****Library Technology**

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****3 Cr Hrs****Reference Resources and Services**

This course is an overview of services provided in a variety of settings and context, using a variety of methods (including virtual reference). Students will be introduced to the reference process, effective and efficient search strategies, ethical considerations, library instruction, and methods of evaluating reference services. Students will learn about the history and current state of reference services, as well as major trends-emphasizing the changing nature of reference services. The course also provides a survey of both electronic and print resources in a variety of subject areas. Prerequisite: LIIS 150.

**LIIS 260****1 Cr Hr****Copyright & Intellectual Property**

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****3 Cr Hrs****Information Literacy**

This course focuses on fostering intellectual curiosity and developing independent lifelong learners who understand the role of information in a democratic society and can make informed decisions by using critical thinking and problem solving skills. 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 information. Special emphasis will be

placed on how to critically evaluate information retrieved as well as summarizing, analyzing, synthesizing, managing, communicating, presenting and using the information. The course will help students become productive citizens and judicious users of information by learning to apply strategies for evaluation as well as legal and ethical uses of information.

## MANUFACTURING

### **MANT 105 Available: fall 3 Cr Hrs** **CAD Engineering Design**

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. Pre-Requisites: Basic knowledge of computers.

### **MANT 111 Available: fall 3 Cr Hrs** **Introduction to Manufacturing**

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 025, MATH 108 or higher compass or ACT placement score or instructor's permission.

### **MANT 130 Available: spring 4 Cr Hrs** **Introduction to Control Systems**

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: Math 025 or Instructor's permission.

### **MANT 141 Available: fall 3 Cr Hrs** **Introduction to Machining**

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. Prerequisite: MATH 025, MATH 108 or higher compass or ACT placement score or instructor's permission.

### **MANT 142 Available: spring 3 Cr Hrs** **Automation and Robotics**

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: Math 025 or Instructor's Permission.

### **MANT 143 Available: fall, spring 4 Cr Hrs** **Advanced Machining**

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 105 and MANT 141 or instructor's permission.

### **MANT 145 Available: spring 4 Cr Hrs** **Introduction to NC and CNC**

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 equipment. Prerequisite: MANT 105, ENGI 105, CISA 101, or instructor permission.

### **MANT 155 Available: fall, spring 4 Cr Hrs** **CAD/CAM Applications**

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

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 Available: fall, spring 3 Cr Hrs** **Advanced CAD Engineering Design**

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 230 3 Cr Hrs** **Advanced Control Systems**

This course will provide the student with the advanced skills and terminology needed to understand advanced control systems including concepts, components, layout drawings, schematic drawings, software, hardware and documentation. Topics covered are block diagrams, open and close loop systems, schematics and automation. Students will build and experiment with projects to expand understanding of control systems. Pre-Req: MANT 130 Introduction to Control Systems or Instructor's Permission.

### **MANT 241 4 Cr Hrs** **Advanced Automation and Robotics**

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 142 or instructor permission.

**MANT 250 Available: fall, spring 3 Cr Hrs  
Machine Maintenance**

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 3 Cr Hrs  
Plastics and Molding Systems**

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 Available: fall 3 Cr Hrs  
Advanced CAD/CAM Applications**

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 265 3 Cr Hrs  
Lean Manufacturing**

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 280 Available: fall, spring 1-8 Cr Hrs  
Manufacturing Projects**

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 Available: fall, spring 1-8 Cr Hrs  
Cooperative Education**

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 4 Cr Hrs  
Comprehensive Manufacturing Project**

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.

**MATHEMATICS****MATH 015 3 Cr Hrs  
Prealgebra**

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 025 3 Cr Hrs  
Beginning Algebra**

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 100 Available: fall, spring 1 Cr Hr  
Math Independent Study**

This course is for independent study in mathematics by special arrangement with the instructor. Prerequisite: Requires instructor approval.

**MATH 108 4 Cr Hrs  
Intermediate Algebra**

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 3 Cr Hrs  
Math in Modern Society**

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 025 with a grade of 'C' or better or CSI placement test score.

**MATH 130 Available: fall, spring 4 Cr Hrs  
Finite Math**

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 108 with a grade of 'C' or better or CSI placement test score.

**MATH 143 3 Cr Hrs  
College Algebra**

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 108 with a grade of 'C' or better or CSI placement test score.

**MATH 144 2 Cr Hrs  
Trigonometry**

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 Available: fall, spring 5 Cr Hrs**  
**Precalculus**

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 108 with a grade of 'C' or better or CSI placement test score.

**MATH 157 3 Cr Hrs**  
**Math for Elementary Teachers 1**

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 Available: fall, spring 4 Cr Hrs**  
**Brief Calculus**

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 Available: fall, spring 5 Cr Hrs**  
**Calculus 1**

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 Available: fall, spring 4 Cr Hrs**  
**Calculus 2**

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 Available: fall 4 Cr Hrs**  
**Discrete Mathematics**

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

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 1-3 Cr Hrs**  
**Mathematics Independent Study**

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 Available: spring 3 Cr Hrs**  
**Introduction to Linear Algebra**

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 253 3 Cr Hrs**  
**Elementary Statistics**

This algebra-based probability and statistics course covers descriptive statistics, binomial and normal distribution, confidence intervals, and hypothesis testing using z,t, chi square, and f distributions. Correlation and regression are also introduced. Prerequisite: MATH 130 or MATH 143.

**MATH 257 3 Cr Hrs**  
**Math for Elementary Teachers 2**

This course includes algebraic reasoning, functions, probability, introduction to statistics, geometry and concepts of measurement. Prerequisite: MATH 157 or instructor permission.

**MATH 275 Available: fall, spring 4 Cr Hrs**  
**Calculus 3**

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 Available: spring 3 Cr Hrs**  
**Ordinary Differential Equations**

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.

## MEDICAL ASSISTANT

**MEDA 109 2 Cr Hrs**  
**Pharmacology**

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.

**MEDA 131 Available: fall 5 Cr Hrs**  
**Medical Office Procedures**

Students study medical law and ethics, communication, and human relations, telephone procedures, scheduling appointments, and records management. The course also includes the study of professional fees and credit, collection, financial records, and health insurance. Prerequisite: Placement in the Medical Assistant program.

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

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 3 Cr Hrs**  
**Integrated Medical Procedures**

Students will study medical office financial management. They will use medical information management software. The course also includes job skills and certification exam preparation.

**MEDA 220 Available: spring 3 Cr Hrs**  
**Human Diseases**

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 Available: spring 3 Cr Hrs**  
**Clinical Procedures 1**

Students will learn to assist physicians in patient care including preparing patients for exams and assisting with procedures, using sterile technique, performing patient education, collecting and processing specimens, and performing laboratory and diagnostic tests. Learning multiple skills allows the student to work in a variety of patient care settings. Prerequisite: Placement in the Medical Assistant Program.

**MEDA 234 Available: spring 3 Cr Hrs**  
**Clinical Procedures 2**

This course is a continuation of MEDA 233. Second semester students in the program will continue to develop their skills in clinical assisting with an emphasis on phlebotomy, EKGs, and laboratory tests and procedures. Prerequisite: MEDA 233.

**MEDA 235 4 Cr Hrs**  
**Practicum**

Students are placed in a physician's office for a 180-hour non-paid work experience. During the practicum, students are supervised and evaluated on technical, administrative and clinical course competencies. Prerequisite: Placement in the Medical Assistant program.

## MILITARY SCIENCE

**MSCI 101 Available: fall 2 Cr Hrs**  
**Leadership & Personal Development**

This course introduces personal challenges and competencies critical for effective leadership. Students will learn life skills such as critical thinking, goal setting, time management, physical fitness, and stress management, as related to leadership, officership, and the Army profession. Develop basic knowledge and comprehension of Army leadership dimensions, the ROTC program, its purpose, and its advantages.

**MSCI 102 Available: fall 2 Cr Hrs**  
**Introduction to Tactical Leadership**

Students will learn the basics of setting direction, problem-solving, listening, presenting briefs, providing feedback, and using effective writing skills. Students explore dimensions of leadership values, attributes, skills, and actions in the context of practical, hands-on and interactive exercises. They will explore the Army's Leadership philosophy and learn fundamental military concepts.

**MSCI 202 Available: fall 3 Cr Hrs**  
**Innovative Team Leadership**

Students will explore creative and innovative tactical leadership strategies and styles; examine team dynamics and two historical leadership theories. This course includes planning, executing and assessing team exercises, and participating in leadership practical exercises as well as land navigation and squad tactics.

**MSCI 202 Available: fall 3 Cr Hrs**  
**Foundations of Tactical Leadership**

Students will learn terrain analysis, patrolling, operation orders, and other challenges of leading tactical teams in the contemporary operating environment. Students will assess their own leadership styles and practice communication and team building. Contemporary operating environment case studies will be used to reflect the importance and practice of teamwork and tactics in real-world scenarios.

## MUSIC-LESSONS

**MUSA 100-299 Available: fall, spring 1-2 Cr Hrs**  
**Music Lessons**

All courses with an 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. Students should take care to ensure they register for courses ending in a "0" or "1" (e.g. MUSA 100 or 101) if they are not music majors and that they sign up for courses ending in a "2" if they are music majors. Please check the most current class schedule for a listing of courses available each semester. MUSA courses carry the following fees: 1- credit classes have an additional fee of \$150 and meet for ½ hour each week during the semester. 2- credit courses have an additional fee of \$300 and meet for one hour each week during the semester.

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

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 Available: fall, spring, summer 3 Cr Hrs**  
**Music Appreciation**

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 Available: fall 3 Cr Hrs**  
**Theory of Music 1**

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 Available: spring 3 Cr Hrs**  
**Theory of Music 2**

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 2 Cr Hrs**  
**Fundamentals of Music**

This course covers the elements of Music embracing a working knowledge of rhythm, melody and sight-singing,

**MUSI 108 Available: fall, spring 3 Cr Hrs**  
**Survey of Jazz and Pop Music**

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 Available: fall 1 Cr Hr**  
**Aural Skills 1**

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 Available: spring 1 Cr Hr**  
**Aural Skills 2**

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 Available: fall, spring 0-1 Cr Hr**  
**Symphonic Band**

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 0-1 Cr Hr**  
**Symphony Orchestra Available: fall, spring**

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 Available: fall, spring 0-1 Cr Hr**  
**Wind Ensemble**

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 Available: fall 1 Cr Hr**  
**Pep Band**

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 Available: fall, spring 1 Cr Hr**  
**Jazz Ensemble**

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 Available: fall, spring 0-1 Cr Hr**  
**Chamber Choir**

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 Available: fall, spring 0-1 Cr Hr**  
**College MV Chorale**

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 Available: fall, spring 1 Cr Hr**  
**Percussion Ensemble**

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 Available: fall, spring 1 Cr Hr**  
**Madrigal Ensemble**

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. Corequisite: Must be currently enrolled in Chamber Choir (MUSI 130).

**MUSI 140** 2 Cr Hrs**Applied Techniques Jazz Improvisation**

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** Available: fall, spring 1 Cr Hrs  
**Class Guitar**

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** Available: fall 2 Cr Hrs  
**Class Voice**

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** Available: fall, spring 1 Cr Hr  
**Beginning Class Piano 1**

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** Available: fall, spring 1 Cr Hr  
**Beginning Class Piano 2**

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** Available: fall, spring 1 Cr Hr  
**Intermediate Class Piano 1**

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** Available: fall, spring 1 Cr Hr  
**Intermediate Class Piano 2**

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

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**MUSI 200** 1-6 Cr Hrs**Music Independent Study**

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** Available: fall 3 Cr Hrs  
**Theory of Music 3**

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** Available: spring 3 Cr Hrs  
**Theory of Music 4**

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** Available: fall 1 Cr Hr  
**Aural Skills 3**

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** Available: spring 1 Cr Hr  
**Aural Skills 4**

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** Available: fall, spring 2 Cr Hrs  
**Music Methods for Elementary Teachers**

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** Available: fall, spring 2 Cr Hrs  
**Music Portfolio and Final Recital**

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 for their abilities to demonstrate that they have achieved the Music Program Student Learning Objectives. Students will complete this project with a final presentation juried by the faculty within the program. Prerequisite: Students must have permission from their music department advisor to register for the course.

**MUSI 255** 3 Cr Hrs  
**Piano Literature 1**

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** **3 Cr Hrs**  
**Piano Pedagogy 1**

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** **3 Cr Hrs**  
**Piano Pedagogy 2**

This course is a continuation of MUSI 256. Prerequisite: C or better in MUSI 256.

**MUSI 270** **2 Cr Hrs**  
**Introduction to Conducting**

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.

**NURSING ASSISTANT-  
HEALTH WORKFORCE TRAINING**

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

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** **3-5 Cr Hrs**  
**Cooperative Education**

Cooperative study is available to the CNA, DDA, 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** **0 Cr Hrs**  
**Certified Nursing Assistant**

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. 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** **0 Cr Hrs**  
**Train the Trainer**

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 S004** **0 Cr Hrs**  
**LPN IV Therapy Challenge Test**

A challenge to NURA S005. Prerequisite: Instructor permission.

**NURA S005** **0 Cr Hrs**  
**Intravenous Therapy 1**

This course introduces the student to intravenous medication administration. Prerequisite: Current and unencumbered LPN license and instructor permission.

**NURA S006** **0 Cr Hrs**  
**Intravenous Therapy 2**

This course includes medication administration, central venous administration techniques, and a clinical practicum. Prerequisite: NURA S004 or NURA S005.

**NURA S008** **0 Cr Hrs**  
**CNA Skills Competency Test**

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** **0 Cr Hrs**  
**CNA Written Test**

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** **0 Cr Hrs**  
**Assistance with Medications**

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 S027** **0 Cr Hrs**  
**LPN Management**

Board of Nursing requirements mandate completion of this course prior to assuming Charge Nurse duties in a Skilled Nursing Facility. Management and supervision of auxiliary personnel are discussed. Decision making, assessment, and problem solving techniques are taught. A clinical practicum is required. Prerequisite: Unencumbered LPN license and current employment in a long term care facility.

**NURA S028** **0 Cr Hrs**  
**Train the CNA Rater**

Raters learn to evaluate students performing CNA skills. Prerequisite: NURA S002, one year experience as a NURA S001 instructor, and permission of instructor.

**NURA S030** **0 Cr Hrs**  
**CPR**

The CPR 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**

Cardio Pulmonary Resuscitation and the Standard First Aid course are delivered. CPR methods for infants, children, and adults are included.

**NURA S032** **CPR Health Care Provider** **0 Cr Hrs**

Cardio Pulmonary Resuscitation course is delivered. 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. Prerequisite: Current CNA certification.

**NURA S045** **IV Therapy Skills Update** **0 Cr Hrs**

This is a workshop designed to offer focused information on skills to licensed nurses.

**NURA S050** **Pharmacy Technician** **0 Cr Hrs**

This course is a one semester course to prepare the student to take the National Certification Exam for Pharmacy Technicians. 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 101** **Professional Concepts** **1 Cr Hr**

Students are given an awareness of professional and legal responsibility and ethics including patients' rights as well as the role of the PN and other health team members. Job-seeking skills and responsibilities of health-care employees are included. Leadership qualities of the LPN are explored. Corequisite: NURP 106.

**NURP 102** **Normal Nutrition** **1 Cr Hr**

A study of the basic nutrients, their functions, sources, and daily requirements. Psychological, cultural, and religious influences on food behaviors are introduced. Nutritional status in relation to prevention of disease and promotion of health is included.

**NURP 106** **Fundamentals** **6 Cr Hrs**

Students study, practice, and administer basic nursing care. Students utilize the nursing process. Therapeutic communication is stressed. Clinical experience occurs in long-term care facilities. Prerequisite: ENGL 101 and MATH 123. Corequisite: NURP 101.

**NURP 110** **Pharmacology for Practical Nurses 1** **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 2** **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 113** **Therapeutic Nutrition** **1 Cr Hr**

Students study the therapeutic diets for persons with diseases/disorders experienced throughout the life span.

**NURP 120** **Medical Surgical 1** **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 130** **Maternal Child 1** **4 Cr Hrs**

Students study the appropriate nursing care for patients during the antepartal, labor, postpartal, and neonatal stages. Care during the normal conditions, awareness of abnormal signs and symptoms, and appropriate nursing care measures are studied.

**NURP 131** **Maternal Child 2** **4 Cr Hrs**

Based on the knowledge learned in Medical/Surgical (NURP120 and NURP121), appropriate nursing care of infant children is studied, practiced, and administered. Clinical learning in obstetrics, newborn nursing, pediatrics, and well-child clinics are utilized. Prerequisite: NURP 130.

**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 220** **5 Cr Hrs**  
**Medical Surgical 3**

This course is the continuation of NURP 121. It incorporates components of the nursing process and patient education. Clinical experiences include outpatient care, community health, leadership in long-term care, and a preceptor ship. Successful completion of the theory and clinical experience required before progressing into the preceptor ship. Includes IV Therapy and LPN Management. Prerequisite: NURP 121.

**REGISTERED NURSING**

**NURR 100** **Available: fall, spring** **1 Cr Hr**  
**LPN and Paramedic Transition**

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 online theory course. Prerequisite: NURA S005 and NURA S006, LPN or graduate PN, or Paramedic who has been accepted into A.D.N. program as a transition student.

**NURR 101** **Available: fall, spring** **7 Cr Hrs**  
**Beginning Nursing Intervention**

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. Corequisite: BIOL 227, PSYC 101.

**NURR 104** **Available: fall, spring** **4 Cr Hrs**  
**Mental Health Nursing**

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. Corequisites: BIOL 228 and BIOL 221.

**NURR 105** **Available: fall, spring** **5 Cr Hrs**  
**Intermediate Medical-Surgical Nursing**

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. Corequisites: BIOL 228 and BIOL 221.

**NURR 150** **Available: summer** **4 Cr Hrs**  
**Paramedic Bridge**

The Paramedic Bridge course, with online theory and clinical experiences, builds on the skills covered in the paramedic program, and introduces foundations in the nursing concepts, principles and practice. The course emphasizes basic nursing concepts and

the provision of care for the unique individual with alterations in health. Students will utilize the nursing process in providing care to acutely/chronically ill individuals with medical/surgical conditions. Prerequisite: completion of Associate Degree Nursing Prerequisite and Corequisites, completion of a Nationally Accredited Paramedic Program and current National Registry EMT-Certification, and be accepted as a Paramedic Transition Student. Corequisite: NURR 100.

**NURR 190** **Available: fall, spring** **3 Cr Hrs**  
**Caring for the Emerging Diverse Community**

This course is an introduction to the complexities of providing culturally competent nursing care to clients. The course begins with exploring awareness of one's own culture and belief systems. The focus then shifts to incorporating a broad view of culture by providing examples and identifying resources for cultural knowledge. Cultural skill will be practiced through the utilization of cultural assessment models. Cultural encounters will provide the opportunity to explore the implications of standards and goals by participating in Service Learning experiences in the community that reinforce skills and concepts covered in the course. Prerequisite: CSI Nursing student, registered nurse.

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

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** **Available: fall, spring** **10 Cr Hrs**  
**Advanced Nursing Intervention**

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. Corequisite: MATH 143 or MATH 253.

**NURR 202** **Available: fall, spring** **1 Cr Hr**  
**Issues in Professional Nursing**

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** **Available: fall, spring** **4 Cr Hrs**  
**Maternal/Child Nursing**

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: MATH 143 or MATH 253, NURR 201 and NURR 202.

**NURR 206** **Available: fall, spring** **4 Cr Hrs**  
**Advanced Med-Surg Intervention 2**

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: MATH 143 or MATH 253, NURR 201 and NURR 202.

**NURR 208 Available: fall, spring 3 Cr Hrs  
Professional Nursing Transition**

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: MATH 143 or MATH 253, NURR 201 and NURR 202.

**NURR 250 Available: fall, spring 3 Cr Hrs  
Physical Assessment**

This course is offered with a choice of either a live class or a hybrid format (didactic online with practice labs) and is designed to provide the student with advanced skill to effectively work in the health care environment. Skills include obtaining an advanced and complex client verbal History, performing actual assessments in health and disease, and enhancing advanced critical thinking skills. This course is open to Associate Degree nursing students who have successfully completed the first semester of the nursing program and RNs in the community. Prerequisite: NURR101. RNs must have an unencumbered professional License.

**PARAMEDIC****PARA 101 9 Cr Hrs  
Paramedic 1**

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, MATH 123, BIOL 127, acceptance to the paramedic program, and EMT-B certification. Corequisites: PARA 101L and PARA 101C.

**PARA 101C 2 Cr Hrs  
Paramedic 1 Clinical**

This course is clinical lab for PARA 101. Corequisite: PARA 101.

**PARA 101L 3 Cr Hrs  
Paramedic 1 Laboratory**

This course is lab for PARA 101. Corequisite PARA 101

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

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 9 Cr Hrs  
Paramedic 2**

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 4 Cr Hrs  
Paramedic 2 Clinical**

Clinical for PARA 201. Corequisite: PARA 201 and PARA 201L.

**PARA 201L 4 Cr Hrs  
Paramedic 2 Laboratory**

Lab for PARA 201. Corequisite: PARA 201 and PARA 201C.

**PARA 244 2 Cr Hrs  
Paramedic 3**

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 9 Cr Hrs  
Paramedic 3 Clinical/Field Internship**

Lab for PARA 244. Prerequisite: PARA 244 and instructor permission.

**PARA 244L 1 Cr Hr  
Paramedic 3 Laboratory**

Lab for PARA 244. Corequisite: PARA 244.

**PARA 248 Available: spring 2 Cr Hrs  
Prehospital Emergency Pharmacology**

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 127 or Biology 227 and 228, Math 123 and English 101).

**PARA 285 3 Cr Hrs  
EMS Externship**

Course is an application based experience which enables students to gain more experience in the EMS and Emergency Department environments.

**PHILOSOPHY****PHIL 101 3 Cr Hrs  
Introduction to Philosophy**

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 Available: spring 3 Cr Hrs  
Survey of World Religions**

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

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****Available: fall****3 Cr Hrs****Logic & Language**

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****3 Cr Hrs****Ethics**

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.

## PHYSICAL EDUCATION-ACADEMIC

**PHYSICAL EDUCATION-ACADEMIC COURSES:**

The following Physical Education academic courses (PHYE) fulfill the physical education requirements for Associate of Arts degrees in Health Promotion, K-12 Physical Education, and Physical Education. With the exception of PHYE 155 Health & Wellness, these courses do not fulfill the Physical Education activity requirement for an Associate of Arts Degree.

**PHYE 101****Available: fall, spring****1 Cr Hr****Athletic Training Clinical 1**

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.

**PHYE 102****Available: fall, spring****1 Cr Hr****Athletic Training Clinical 2**

This course is a continuation of PHYE 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: PHYE 101 or instructor permission.

**PHYE 135****Available: fall****3 Cr Hrs****Court Skills & Analysis**

This course is designed to provide PHYE 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. (This course includes a portfolio entry for PHYE majors.) Prerequisite: PHYE Major or instructor permission.

**PHYE 136****Available: fall****3 Cr Hrs****Field Skills & Analysis**

This course is designed to provide PHYE 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. (This course includes a portfolio entry for PHYE majors.) Prerequisite: PHYE Major or instructor permission.

**PHYE 137****Available: spring****3 Cr Hrs****Fitness Skills & Analysis**

This course is designed to provide PHYE 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. (This course includes a portfolio entry for PHYE majors.) Prerequisite: PHYE Major or instructor permission.

**PHYE 150****Available: fall, spring****2 Cr Hrs****First Aid & CPR**

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 certificate is issued to students successfully completing the course. Cardiopulmonary resuscitation and automated external defibrillator (AED) training are included. Fee required.

**PHYE 151****Available: fall****3 Cr Hr****First Aid, CPR, and Sport Safety**

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 certificate is issued to students successfully completing the course. Cardiopulmonary resuscitation and automated external defibrillator (AED) training are included. Fee required.

**PHYE 152****Available: spring****2 Cr Hrs****Experiential Education**

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.

**PHYE 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. (This course includes a portfolio entry for PHYE majors.)

**PHYE 160****Available: fall****3 Cr Hrs****Introduction to Physical Education**

This course is designed for students interested and/or preparing to major in Physical Education or related field. The course includes an approach to philosophy, methods, objectives, and a general survey of the field of physical education. A ten-hour approved field experience is required. A Background Check is required. (This course includes a portfolio entry for PHYE majors.)

**PHYE 162****Available: fall****2 Cr Hrs****Introduction to Recreation**

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: PHYE 285

**PHYE 163 Available: spring 3 Cr Hrs  
Exercise Assessment & Prescription**

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.

**PHYE 166 Available: fall 1 Cr Hrs  
Sports Nutrition**

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.

**PHYE 177 Available: summer 1 Cr Hr  
Sports Medicine**

This course is for teachers, PHYE 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.

**PHYE 188 1 Cr Hr  
Rodeo Judging Seminar**

This course provides specialized training for students who are involved in rodeo judging.

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

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.

**PHYE 200 1-3 Cr Hrs  
Physical Ed Independent Study**

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. (This course includes a portfolio entry for PHYE majors.) Prerequisite: Instructor permission.

**PHYE 201 Available: fall, spring 1 Cr Hr  
Athletic Training Clinical 3**

This course provides second-year athletic training students with practical skills and knowledge in an athletic training setting. Students apply athletic training knowledge and skills learned in previous course work and clinical experiences. Prerequisite: PHYE 102 or instructor permission.

**PHYE 202 Available: fall, spring 1 Cr Hr  
Athletic Training Clinical 4**

This course is a continuation of PHYE 201 and provides second-year athletic training students with more intensive skills and knowledge in an athletic training setting. Students apply athletic

training knowledge and skills learned in previous course work and clinical experiences. Prerequisite: PHYE 201 or instructor permission.

**PHYE 210 Available: fall, spring 3 Cr Hrs  
Physical Education for Elementary Teachers**

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

**PHYE 215 Available: fall, summer 1-3 Cr Hrs  
Tech of Camp Organizing & Coaching**

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. 32 contact hours required per credit hour. Prerequisite: Permission of instructor.

**PHYE 220 Available: fall, spring 3 Cr Hrs  
Modern Principles of Athletic Training**

This course introduces the student to athletic training procedures as they relate to the athlete, physical educator, coach, and athletic trainer. The course includes history of the athletic training profession, ethics, proper recording of injuries, and principles of athletic training. (This course includes a portfolio entry for PHYE majors.)

**PHYE 221 Available: fall, spring 2 Cr Hrs  
Training & Taping Techniques**

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. (This course includes a portfolio entry for PHYE majors.) Additional fee required.

**PHYE 225 Available: fall 3 Cr Hrs  
Foundations of Health Promotion & Prevent**

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).

**PHYE 230 1 Cr Hr  
Physical Education Exit Seminar**

This is the capstone course in the Physical Education Program. 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 Physical Education Program. Students who enroll in this course should be completing their last semester before graduation. Prerequisite: Instructor permission.

**PHYE 243** **3 Cr Hrs**  
**Anatomical Foundations**

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 physical education majors. Prerequisite: BIOL 227 or Instructor Permission.

**PHYE 283** **1 Cr Hr**  
**Leave No Trace Trainer**

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.

**PHYE 285** **Available: fall** **1 Cr Hr**  
**Cooperative Education**

Cooperative Education allows physical education 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.

## PHYSICAL EDUCATION-ACTIVITIES

### PHYSICAL EDUCATION-ACTIVITY COURSES

The following Physical Education activity courses (PHYA) fulfill the physical education activity requirement (PHYE 155 Health & Wellness or two PHYA/DANC credits) for the Associate of Arts degree.

#### Lifetime Activity Courses:

**PHYA 100** **Available: fall, spring** **1 Cr Hr**  
**Basketball**

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.

**PHYA 101** **Available: fall, spring** **1 Cr Hr**  
**Bowling**

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.

**PHYA 102** **Available: spring** **1 Cr Hr**  
**Beginning Golf**

This course involves instruction in beginning golf skills, scoring, rules, and etiquette. This course may be repeated once. Additional fee required.

**PHYA 103** **1 Cr Hr**  
**Lifetime Activities**

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.

**PHYA 104** **Available: fall, spring** **1 Cr Hr**  
**Volleyball**

This course provides instruction, skill development, rules, techniques, and individual and team strategies for beginning level volleyball participants. This course may be repeated once.

**PHYA 105** **Available: spring** **1 Cr Hr**  
**Soccer**

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.

**PHYA 106** **Available: fall, spring** **1 Cr Hr**  
**Beginning Racquetball**

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.

**PHYA 107** **Available: spring** **1 Cr Hr**  
**Intermediate Racquetball**

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.

**PHYA 108** **Available: fall** **1 Cr Hr**  
**Tennis 1**

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.

**PHYA 109** **Available: spring** **1 Cr Hr**  
**Tennis 2**

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.

**PHYA 110** **1 Cr Hr**  
**Beginning Judo**

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.

**PHYA 111** **1 Cr Hr**  
**Intermediate Judo**

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: PHYA 110 or instructor permission.

**PHYA 112 Available: fall, spring 1 Cr Hr  
Beginning Karate**

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.

**PHYA 113 Available: fall, spring 1 Cr Hr  
Advanced Karate**

This course involves instruction and participation in the skills and techniques of advanced karate. Prerequisite: PHYA 112 or instructor permission.

**Strength Training Courses:****PHYA 114 Available: fall, spring 1 Cr Hr  
Stretch & Strength**

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.

**PHYA 115 Available: fall, spring 1 Cr Hr  
Beginning Strength Training**

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.

**PHYA 116 Available: fall, spring 1 Cr Hr  
Strength Training for Women**

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.

**PHYA 117 Available: fall, spring 2 Cr Hrs  
Cardio Fitness & Weight Training**

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.

**PHYA 118 Available: fall, spring 2 Cr Hrs  
Bigger Faster Stronger**

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.

**PHYA 126 Available: fall, spring 0 Cr Hr  
Weight Training for Seniors**

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.

**Yoga Courses:****PHYA 119 1 Cr Hr  
Yoga**

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.

**PHYA 120 Available: spring 1 Cr Hr  
Continuing Yoga**

This course provides a continuation for exploring classical yoga postures as well as the history and philosophy of yoga. Each class includes yoga poses, relaxation, and breathing techniques. Prerequisite: PHYA 119 or instructor permission. This course may be repeated once.

**PHYA 121 Available: fall, spring 0 Cr Hr  
Yoga for Seniors**

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.

**PHYA 122 Available: fall, spring 1 Cr Hr  
Pilates**

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.

**PHYA 123 Available: fall, spring 1 Cr Hr  
Yoga and Pilates**

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.

**PHYA 124 Available: fall, spring 1 Cr Hr  
Survey of Movements**

This course offers several movement forms allowing participants to have a more in-depth experience in physical education and activity. The challenge of utilizing the mind/body will be explored by participating in a variety of movement forms such as pilates, yoga, tai chi, nia, and partnering ballroom. This course may be repeated once.

**Cardio Courses:****PHYA 125 Available: fall, spring 1 Cr Hr  
Power Pump**

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.

**PHYA 127 Available: fall, spring 1 Cr Hr  
Spinning and Core Fusion**

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.

**PHYA 128 Available: spring 2 Cr Hr  
Beginning Triathlon Training**

This course is designed to introduce students to the training methodologies involved in sprint distance triathlons. This includes

skill development in swimming, cycling, and running and basic knowledge of nutrition, per iodization, strength training, and seasonal planning.

**PHYA 129** **Running for Fitness** **1 Cr Hr**

This twelve-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.

**PHYA 130** **Beginning Spinning** **1 Cr Hr**

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

**PHYA 131** **Available: fall, spring** **1 Cr Hr**  
**Beginning Swimming**

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.

**PHYA 132** **Available: fall, spring** **1 Cr Hr**  
**Intermediate Swimming**

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: PHYA 131 or instructor permission. This course may be repeated once. Additional fee required.

**PHYA 133** **Available: fall, spring** **1 Cr Hr**  
**Water Aerobics**

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.

**PHYA 134** **Available: fall, spring** **1 Cr Hr**  
**Cross Training**

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.

**PHYA 135** **Available: fall, spring** **1 Cr Hr**  
**Walking for Fitness**

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.

**PHYA 136** **Available: fall** **1 Cr Hr**  
**Train to Walk/Run Distance**

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.

**PHYA 137** **1 Cr Hr**  
**Boot Camp Fitness**

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.

**PHYA 138** **Available: fall, spring** **1 Cr Hr**  
**Zumba**

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.

**PHYA 139** **Available: fall, spring** **0-1 Cr Hr**  
**Zumba Gold**

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.

**Outdoor Courses:**

**PHYA 140** **Available: spring** **1 Cr Hr**  
**Beginning Skiing**

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.

**PHYA 141** **Available: spring** **1 Cr Hr**  
**Intermediate & Advanced Skiing**

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.

**PHYA 142** **Available: spring** **1 Cr Hr**  
**Beginning Snowboarding**

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.

**PHYA 143** **Available: spring** **1 Cr Hr**  
**Intermediate & Advanced Snowboarding**

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.

**PHYA 144 Available: spring 1 Cr Hr**  
**Beginning Cross-country Skiing**

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.

**PHYA 145 Available: fall, spring 1 Cr Hr**  
**Introduction to Climbing**

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.

**PHYA 146 Available: spring 2 Cr Hrs**  
**Intermediate Climbing**

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 PHYA 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: PHYA 145 or instructor permission.

**PHYA 147 Available: fall 1 Cr Hr**  
**Beginning Kayaking**

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.

**PHYA 148 Available: spring 1 Cr Hr**  
**Intermediate Kayaking & Whitewater Safety**

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: PHYA 147 or instructor permission.

**PHYA 149 Available: spring 1 Cr Hr**  
**Dutch Oven Cooking**

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.

**PHYA 240 Available: fall 1 Cr Hr**  
**Map, Compass, and Backcountry Navigation**

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.

**PHYA 241 Available: spring 1 Cr Hr**  
**Winter Survival Skills**

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.

**PHYA 242 Available: fall 1 Cr Hr**  
**Wilderness Survival Skills**

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.

**PHYA 243 Available: fall 1 Cr Hr**  
**Backpacking**

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.

**Specialized Courses:**

**PHYA 150 Available: fall, summer 1 Cr Hr**  
**Introduction to Weight Management**

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.

**PHYA 151 Available: fall, spring, 1 Cr Hr**  
**Stress Management**

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.

**PHYA 152 1 Cr Hr**  
**Employee Wellness**

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 PHYE activity requirement for an associate of arts degree. This course may be repeated once for credit.

**PHYA 153** 1 Cr Hr  
**Activity by Contract 1**

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.

**PHYA 154** 1 Cr Hr  
**Activity by Contract 2**

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.

**PHYA 155** Available: spring 1 Cr Hr  
**Lose Big, Win Big!**

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.

**PHYA 156** Available: fall, spring 1 Cr Hr  
**Over 60 & Getting Fit**

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. This course may be repeated once.

**PHYA 157** 0-1 Cr Hr  
**Spinning for Seniors**

Spinning for Seniors is a low-impact, aerobic exercise indoor group cycling course designed for active seniors. Fee required.

**PHYA 158** 0-1 Cr  
**Pilates for Seniors**

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.

**PHYA 159** 1 Cr Hr  
**Water Plyometrics**

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.

**PHYA 160** Available: fall, spring 1 Cr Hr  
**Cheerleader Weight Training 1**

This is a specialized course designed around specific weight training techniques for cheerleaders. Corequisite: PHYA 171.

**PHYA 161** Available: fall, spring 1 Cr Hr  
**Cheerleader Weight Training 2**

This course is a continuation PHYA 160 and is designed around specific weight training techniques for cheerleaders. Prerequisite: 160. Corequisite: PHYA 172

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

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:**

**PHYA 168** Available: fall, spring 1 Cr Hr  
**Beginning Equestrian Team**

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.

**PHYA 169** Available: fall, spring 1 Cr Hr  
**Intermediate Equestrian Team**

Intermediate Equestrian Team is for students who have taken PHYA 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: PHYA 168 or instructor permission.

**PHYA 170** Available: fall, spring 1 Cr Hr  
**Advanced Equestrian Team**

Advanced Equestrian Team is for students who have taken PHYE 168 Beginning Equestrian Team and PHYA 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: PHYA 169 or instructor permission.

**PHYA 171** Available: fall 1 Cr Hr  
**Cheerleading 1**

This course involves participation in collegiate cheerleading throughout the season. Prerequisite: permission of the instructor/adviser.

**PHYA 172 Available: spring 1 Cr Hr  
Cheerleading 2**

This course is a continuation of PHYA 171. Students participate in collegiate cheerleading throughout the season. Prerequisite: permission of instructor/adviser.

**PHYA 173 Available: fall 1 Cr Hr  
Beginning Dance Team 1**

This course involves participating on the Golden Girls Dance Team. Practice is mandatory. Must have adequate exercise and dance apparel. Prerequisite: Adviser permission.

**PHYA 174 Available: spring 1 Cr Hr  
Beginning Dance Team 2**

This course is a continuation of PHYA 173 and involves participating on the Golden Girls Dance Team. Practice is mandatory. Must have adequate exercise and dance apparel. Prerequisite: Adviser permission.

**PHYA 175 Available: fall 1 Cr Hr  
Basketball for Men 1**

Students in this course receive one credit hour for participating in intercollegiate competitive basketball throughout the season. Corequisite: PHYA 177

**PHYA 176 Available: spring 1 Cr Hr  
Basketball for Men 2**

This is a continuation of PHYA 175. Students in this course receive one credit hour for participating in intercollegiate competitive basketball throughout the season. Corequisite: PHYA 178.

**PHYA 177 Available: fall 1 Cr Hr  
Basketball Weight Training for Men 1**

This is a specialized course designed around specific weight training techniques for men's basketball. Corequisite: PHYA 175.

**PHYA 178 Available: spring 1 Cr Hr  
Basketball Weight Training for Men 2**

This course is a continuation of PHYA 177 and is designed around specific weight training techniques for men's basketball. Corequisite: PHYA 176.

**PHYA 179 Available: fall 1 Cr Hr  
Softball 1**

Students in this course receive one credit hour for participating in intercollegiate competitive softball throughout the season. Corequisite: PHYA 181.

**PHYA 180 Available: spring 1 Cr Hr  
Softball 2**

This course is a continuation of PHYA 179. Students in this course receive one credit hour for participating in intercollegiate competitive softball throughout the season. Corequisite: PHYA 182.

**PHYA 181 Available: fall 1 Cr Hr  
Softball Weight Training 1**

This is a specialized course designed around specific weight training techniques for women's softball. Corequisite: PHYA 179.

**PHYA 182 Available: spring 1 Cr Hr  
Softball Weight Training 2**

This course is a continuation of PHYA 181 and is designed around specific weight training techniques for women's softball. Corequisite: PHYA 180.

**PHYA 183 Available: fall 1 Cr Hr  
Basketball for Women 1**

Students in this course receive one credit hour for participation in intercollegiate competitive basketball throughout the season. Corequisite: PHYA 185.

**PHYA 184 Available: spring 1 Cr Hr  
Basketball for Women 2**

This is a continuation of PHYA 183. Student in this course receive one credit hour for participating in intercollegiate competitive basketball throughout the season. Corequisite: PHYA 185.

**PHYA 185 Available: fall 1 Cr Hr  
Basketball Weight Training for Women 1**

This is a specialized course designed around specific weight training techniques for women's basketball. Corequisite: PHYA 183.

**PHYA 186 Available: spring 1 Cr Hr  
Basketball Weight Training Women 2**

This course is a continuation of PHYA 185 and is designed around specific weight training techniques for women's basketball. Corequisite: PHYA 184.

**PHYA 187 Available: fall 1 Cr Hr  
Baseball 1**

Students in this course receive one credit hour for participating in intercollegiate competitive baseball throughout the season. Corequisite: PHYA 189.

**PHYA 188 Available: spring 1 Cr Hr  
Baseball 2**

This is a continuation of PHYA 187. Students in this course receive one credit hour for participating in intercollegiate competitive baseball throughout the season. Corequisite: PHYA 190.

**PHYA 189 Available: fall 1 Cr Hr  
Baseball Weight Training 1**

This is a specialized course designed around specific weight training techniques for baseball. Corequisite: PHYA 187.

**PHYA 190 Available: spring 1 Cr Hr  
Baseball Weight Training 2**

This course is a continuation of PHYA 189 and is designed around specific weight training techniques for men's baseball. Corequisite: PHYA 188.

**PHYA 191 Available: fall 1 Cr Hr  
Volleyball 1**

Students in this course receive one credit hour for participating in intercollegiate competitive women's volleyball throughout the season. Corequisite: PHYA 193

**PHYA 192 Available: spring 1 Cr Hr  
Volleyball 2**

This course is a continuation of PHYA 191. Students in this course receive one credit hour for participating in intercollegiate competitive women's volleyball throughout the season. Corequisite: PHYA 194.

**PHYA 193 Available: fall 1 Cr Hr  
Volleyball Weight Training 1**

This is a specialized course designed around specific weight training techniques for women's volleyball. Corequisite: PHYA 191.

**PHYA 194 Available: spring 1 Cr Hr  
Volleyball Weight Training 2**

This course is a continuation of PHYA 193 and is designed around specific weight training techniques for women's volleyball. Corequisite: PHYA 192.

**PHYA 195 Available: fall 1 Cr Hr  
Rodeo Team Conditioning 1**

This is a specialized course designed around specific weight training techniques for rodeo. Corequisite: PHYA 197.

**PHYA 196 Available: spring 1 Cr Hr  
Rodeo Team Conditioning 2**

This course is a continuation of PHYA 195 and is designed around specific weight training techniques for rodeo. Corequisite: PHYA 195.

**PHYA 197 Available: fall 1 Cr Hr  
Rodeo 1**

Students in this course receive one credit hour for participating in intercollegiate competitive rodeo throughout the season. Corequisite: PHYA 195.

**PHYA 198 Available: spring 1 Cr Hr  
Rodeo 2**

This is a continuation of PHYA 197. Students in this course receive one credit hour for participating in intercollegiate competitive rodeo throughout the season. Corequisite: PHYA 196.

**PHYA 271 Available: fall 1 Cr Hr  
Advanced Cheerleading 1**

This course involves participation in collegiate cheerleading throughout the season. Prerequisite: permission of instructor/adviser.

**PHYA 272 Available: spring 1 Cr Hr  
Advanced Cheerleading 2**

This course is a continuation of PHYA 271. The course involves participation in collegiate cheerleading throughout the season. Prerequisite: permission of instructor/adviser.

**PHYA 273 Available: fall 1 Cr Hr  
Advanced Dance Team 1**

This course involves participating on the Golden Girls Dance Team. Practice is mandatory. Participants must have adequate exercise and dance apparel. Prerequisite: Adviser permission.

**PHYA 274 Available: spring 1 Cr Hr  
Advanced Dance Team 2**

This course is a continuation of PHYA 273 and involves participating on the Golden Girls Dance Team. Practice is mandatory. Participants must have adequate exercise and dance apparel. Prerequisite: Adviser permission.

**PHYA 275 Available: fall 1 Cr Hr  
Advanced Basketball for Men 1**

Students in this course receive one credit hour for participating in intercollegiate competitive men's basketball throughout the season. Corequisite: PHYA 277.

**PHYA 276 Available: spring 1 Cr Hr  
Advanced Basketball for Men 2**

This is a continuation of PHYA 275. Students in this course receive one credit hour for participating in intercollegiate competitive men's basketball throughout the season. Corequisite: PHYA 278.

**PHYA 277 Available: fall 1 Cr Hr  
Adv Basketball Weight Training Men 1**

This course introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive basketball. Corequisite: PHYA 275.

**PHYA 278 Available: spring 1 Cr Hr  
Adv Basketball Weight Training for Men 2**

This is a continuation of PHYA 277 and introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive basketball. Corequisite: PHYA 276.

**PHYA 279 Available: fall 1 Cr Hr  
Advanced Softball 1**

Students in this course receive one credit hour for participating in intercollegiate competitive women's softball throughout the season. Corequisite: PHYA 281.

**PHYA 280 Available: spring 1 Cr Hr  
Advanced Softball 2**

This is a continuation of PHYA 279. Students in this course receive one credit hour for participating in intercollegiate competitive women's softball throughout the season. Corequisite: PHYA 282.

**PHYA 281 Available: fall 1 Cr Hr  
Advanced Softball Weight Training 1**

This course introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive women's softball. Corequisite: PHYA 279.

**PHYA 282 Available: spring 1 Cr Hr  
Advanced Softball Weight Training 2**

This course is a continuation of PHYA 281 and introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive women's softball. Corequisite: PHYA 280.

**PHYA 283 Available: fall 1 Cr Hr  
Advanced Basketball for Women 1**

This is a continuation of PHYA 283. Students in this course receive one credit hour for participating in intercollegiate competitive women's basketball throughout the season. Corequisite: PHYA 286.

**PHYA 284 Available: spring 1 Cr Hr  
Advanced Basketball for Women 2**

Students in this course receive one credit hour for participating in intercollegiate competitive women's basketball throughout the season. Corequisite: PHYA 285.

**PHYA 285 Available: fall 1 Cr Hr  
Adv Basketball Weight Training Women 1**

This course introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive basketball. Corequisite: PHYA 283.

**PHYA 286 Available: spring 1 Cr Hr  
Adv Basketball Weight Training Women 2**

This is a continuation of PHYA 285 and introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive basketball. Corequisite: PHYA 284.

**PHYA 287 Available: fall 1 Cr Hr  
Advanced Baseball 1**

Students in this course receive one credit hour for participating in intercollegiate competitive men's baseball throughout the season. Corequisite: PHYA 289.

## PHYSICAL THERAPIST ASSISTANT

**PHYA 288 Available: spring 1 Cr Hr**  
**Advanced Baseball 2**

This is a continuation of PHYA 287. Students in this course receive one credit hour for participating in intercollegiate competitive men's baseball throughout the season. Corequisite: PHYA 290.

**PHYA 289 Available: fall 1 Cr Hr**  
**Advanced Baseball Weight Training 1**

This course introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive baseball. Corequisite: PHYA 287.

**PHYA 290 Available: spring 1 Cr Hr**  
**Advanced Baseball Weight Training 2**

This course is a continuation of PHYA 289 and introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive baseball. Corequisite: PHYA 288.

**PHYA 291 Available: fall 1 Cr Hr**  
**Advanced Volleyball 1**

Students in this course receive one credit hour for participating in intercollegiate competitive women's volleyball throughout the season. Corequisite: PHYA 293.

**PHYA 292 Available: spring 1 Cr Hr**  
**Advanced Volleyball 2**

This is a continuation of PHYA 291. Students in this course receive one credit hour for participating in intercollegiate competitive women's volleyball throughout the season. Corequisite: PHYA 294.

**PHYA 293 Available: fall 1 Cr Hr**  
**Advanced Volleyball Weight Training 1**

This course introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive women's volleyball. Corequisite: PHYA 292.

**PHYA 294 Available: spring 1 Cr Hr**  
**Advanced Volleyball Weight Training 2**

This is a continuation of PHYA 293 and introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive women's volleyball. Corequisite: PHYA 291.

**PHYA 295 Available: fall 1 Cr Hr**  
**Advanced Rodeo Team Conditioning 1**

This course introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive rodeo. Corequisite: PHYA 297.

**PHYA 296 Available: spring 1 Cr Hr**  
**Advanced Rodeo Team Conditioning 2**

This course is a continuation of PHYA 295 and introduces the student to advanced skills, training techniques, stretching techniques, and strategies of competitive rodeo. Corequisite: PHYA 298.

**PHYA 297 Available: fall 1 Cr Hr**  
**Advanced Rodeo 1**

Students in this course receive one credit hour for participating in intercollegiate competitive rodeo throughout the season. Corequisite: PHYA 295.

**PHYA 298 Available: spring 1 Cr Hr**  
**Advanced Rodeo 2**

This is a continuation of PHYA 297. Students in this course receive one credit hour for participating in intercollegiate competitive rodeo throughout the season. Corequisite: PHYA 296.

**PTAE 101 2 Cr Hrs**

**Physical Therapy in Health Care**

This course will discuss the role of physical therapy in the health care world. The role of the PTA in all settings and the role of PT in the treatment of acute and chronic diseases will be explored. Students will also learn the legal and supervisory practices that relate to physical therapy. Personal and professional ethics as well as psychosocial aspects of health care will be discussed. This course will be taught in conjunction with students at CWI, NIC and LCSC in the PTA program through interactive video conferencing. Admission to PTA program.

**PTAE 105 3 Cr Hrs**

**Therapeutic Modalities 1**

This course will provide an in-depth understanding of therapeutic modalities including heat, cold, compression and aquatic therapies. Students will acquire knowledge and skills related to the use of hot packs, paraffin, fluidotherapy, heat lamps, cold packs, ice packs, ice massage, cold whirlpool, intermittent compression devices, and combination units involving cold with compression. Corequisite: PTAE 101

**PTAE 106 3 Cr Hrs**

**Applied Kinesiology**

This course will present a study of the biomechanics and function of the human body. By understanding the framework of the musculoskeletal anatomy student will discover how the human body utilizes muscle stabilization, joint and ligament interactions, and motion to function in daily activities. Anatomy in function will be discussed in both normal and abnormal mechanics. Students will be expected to analyze tasks which span from simple activities of daily living to more complex occupational and athletic tasks. Corequisite: PTAE 101

**PTAE 110 3 Cr Hrs**

**Principles and Procedures of PT**

This course is an introduction to and practical application of practices used by the physical therapist assistant. Student will learn skills such as, transfers, bed mobility, assistive device use, wheelchair mobility and safety. Students will also demonstrate understanding gait deviations and normal gait function. The use of prosthetics and orthotics will demonstrate. Corequisite: PTAE 101.

**PTAE 150 4 Cr Hrs**

**Clinical Affiliation 1**

In this course students will utilize the skills they have learned in their first year classes to assist with treatment of patients in physical therapy setting. They will learn the practical application of the techniques and science learned in their first year. Prerequisite: PTAE 110.

**PTAE 201 3 Cr Hrs**

**Clinical Pathology**

Pathologic conditions of the musculoskeletal, neurologic, systemic, and immune systems will be defined. Common therapeutic treatments and care for these pathologic conditions will be explained. The inflammatory response will be examined in detail. Other pathologies discussed include oncology, developmental and genetic diseases, hemodynamic disorders, nutritional pathology, infections disease, cardiovascular, pulmonary disorders, lymphatic, endocrine, dermatological disorders. Prerequisite: PTAE 105, PTAE 106 and PTAE 110.

**PTAE 203 3 Cr Hrs****Therapeutic Exercise**

This course offers an explanation of strengthening and conditioning principles and how these principles relate to rehabilitation of dysfunction. Students will learn how factors such as range of motion, strength, endurance, power, speed, agility, balance, proprioception and kinesthesia relate to function and rehabilitation. Prerequisite: PTAE 105, PTAE 106, and PTAE 110.

**PTAE 205 3 Cr Hrs****Therapeutic Modalities 2**

This course will present an in depth exploration of electromechanical modalities including ultrasound, electrical stimulation, diathermy, and mechanical traction, phonophoresis, iontophoresis, and electrotherapy. The use of hydrotherapy with wound healing will also be explored: PTAE 105.

**PTAE 206 3 Cr Hrs****Applied Anatomy and Physiology**

This course will help students build on knowledge acquired in general anatomy and physiology to gain a deeper understanding of the human musculoskeletal and nervous systems. Student will be expected to apply knowledge related to cardinal planes, bones, muscles, joints, tendons, ligaments, nerves and muscular attachments, brain areas and functions. Prerequisite: PTAE 106.

**PTAE 210 3 Cr Hrs****Manual Therapy**

This course will help students learn the use of a hands-on approach to treatment. Manual therapy techniques will range from joint mobilization, soft tissue mobilization, and facilitation techniques to passive range of motion, active assistive range of motion and proprioceptive neuromuscular facilitation. Wound care will also be discussed. Prerequisite: PTAE 206.

**PTAE 211 2 Cr Hrs****Measurement and Assessment**

This course will help students learn techniques for accurate measuring of anthropometric measures, vital signs, ROM, volumetric measures, gait speed, step length, balance, strength, and function. Students will learn oral and written communication used in physical therapy for reporting and documentation. Prerequisite: PTAE 206.

**PTAE 213 3 Cr Hrs****Neurological Rehabilitation**

This course will provide instruction on the principles used in rehabilitation of neurological conditions. The principles incorporate musculoskeletal and neurological therapeutic exercise across the lifespan. Proprioceptive neuromuscular facilitation, Neurodevelopmental theory and other facilitation techniques will be taught for use in rehabilitation medicine. Pediatric training for development conditions will be explored. Prerequisite: PTAE 203.

**PTAE 220 1 Cr Hr****Evidence-Based Practice**

This course will help students be introduced to evidence-based practice by exploring current literature in physical therapy, critically examining study protocols and determining the applicability of research to clinical practice will be examined. Students will present a case study from their clinical experience. Prerequisites: PTAE 150.

**PTAE 225 1 Cr Hr****Clinical Education 1**

This course is a part-time clinical rotation in a local clinic. The goal is to offer exposure to various clinical settings within physical

therapy. Students will be under the supervision of a licensed PT or PTA. They will observe and assist with selected interventions with patients in the home health, pediatric, sports medicine, and wellness clinic settings. Prerequisite: PTAE 150.

**PTAE 226 1 Cr Hr****Clinical Education 2**

This course is a part-time clinical rotation in a local clinic. The goal is to offer exposure to various clinical settings within physical therapy. Students will be under the supervision of a licensed PT or PTA. They will observe and assist with selected interventions with patients in the home health, pediatric, sports medicine, and wellness clinic settings. Prerequisite: PTAS 255.

**PTAE 250 4 Cr Hrs****Clinical Affiliation 2**

In this course students will utilize the skills they have learned in their second year classes to assist with treatment of patients in physical therapy setting. They will learn the practical application of the techniques and science learned in their second year. Prerequisite: PTAE 226.

**PTAE 255 6 Cr Hrs****Clinical Affiliation 3**

In this course students will utilize the skills they have learned in their PTA program classes to assist with treatment of patients in a physical therapy setting. They will learn the practical application of the techniques, art, and science learned throughout the program. Prerequisite: PTAE 250.

**PHYSICS****PHYS 100 Available: fall, spring 4 Cr Hrs****Survey of Physics**

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 4 Cr Hrs****Survey of Astronomy**

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 Available: fall 4 Cr Hrs****General Physics 1**

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 Available: spring 4 Cr Hrs****General Physics 2**

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

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 1-3 Cr Hrs****Physics Independent Study**

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 Available: spring 5 Cr Hrs****Physics Scientists & Engineers 1**

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 Available: fall 5 Cr Hrs****Physics Scientists & Engineers 2**

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.

**POLITICAL SCIENCE****POLS 100 1-3 Cr Hrs****Leadership Development**

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 3 Cr Hrs****American National Government**

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 3 Cr Hrs****Introduction to Political Science**

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

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 1-3 Cr Hrs****Political Science**

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 3 Cr Hrs****American State & Local Government**

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 1-3 Cr Hrs****Government Research**

This is a semester long research project related to the local, state, or national government.

**POLS 221 3 Cr Hrs****Intro to International Relations**

This is a basic international relations course that explores the primary causes that maintain or destroy international peace and cooperation.

**POLS 293 3-9 Cr Hrs****Legislative Internship**

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 1-5 Cr Hrs****Travel Internship**

This course provides credit hours for study of politics, economics, history, culture, and geography through lecture and travel.

**PORTUGUESE****PORT 101 4 Cr Hrs****Elementary Portuguese 1**

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** **4 Cr Hrs**

**Elementary Portuguese 2**

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** **1-5 Cr Hrs**

**Special Topics**

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.

**PSYCHOLOGY**

**PSYC 101** **3 Cr Hrs**

**General Psychology**

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** **1 Cr Hr**

**Careers in Psychology**

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** **1-5 Cr Hrs**

**Special Topics**

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** **1-4 Cr Hrs**

**Psychology Independent Study**

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** **3 Cr Hrs**

**Child & Adolescent Development**

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** **3 Cr Hrs**

**Psychology of Death and Dying**

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** **3 Cr Hrs**

**Statistical Methods**

This course emphasizes understanding and application of statistical methods common in psychological science (e.g., central tendency, dispersion, correlation, ANOVA, chi-square, etc.). Students will learn to calculate statistics by hand and by using SPSS. Prerequisite: PSYC 101 and MATH 143.

**PSYC 228** **Available: fall, spring** **3 Cr Hrs**

**Introduction to Tests & Measurement**

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.

**RADIOLOGIC TECHNOLOGY**

**RADT 101** **3 Cr Hrs**

**Radiologic Science**

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** **1 Cr Hr**

**Orientation to Radiologic Technology**

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** **4 Cr Hrs**

**Radiographic Procedures 1**

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** **1 Cr Hr**

**Radiographic Procedures I Lab**

A laboratory course to accompany RADT 151, Radiographic Procedures 1. Prerequisite: RADT 101, 102, and 152.

**RADT 152** **2 Cr Hrs**

**Radiation Protection**

A course designed to teach students how to protect themselves and others during radiographic procedures. Emphasis is on the

COURSE DESCRIPTIONS

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 Hr**

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 Hr**

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** **7 Cr Hrs**

**Clinical Education 1**

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** **7 Cr Hrs**

**Clinical Education 2**

A continuation of RADT 180. The examination of the skull and cranial bones, facial bones and paranasal sinuses, biliary tract and upper gastrointestinal system, lower gastrointestinal system, and urinary system will be added. Prerequisite: RADT 180.

**RADT 182C** **12 Cr Hrs**

**Clinical Education 3**

A continuation of RADT 181. Students in their last semester of clinical education practice and achieve competence in any remaining noninvasive and invasive radiographic examinations, including trauma, pediatric, and mobile – surgical radiography situations. Prerequisite: RADT 181.

**RADT 199** **1-5 Cr Hrs**

**Special Topics**

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**READING**

**READ 015** **Available: fall, spring** **3 Cr Hrs**

**Basic Reading**

This course is designed to increase reading proficiency by deepening dictionary skills, improving vocabulary-learning strategies, identifying patterns of organization, locating main ideas and supporting details, and increasing comprehension. Students are not advised to take the next reading course in the sequence if course grade or outcomes assessment indicates a below-average achievement. Placement test score.

**READ 035** **Available: fall, spring** **3 Cr Hrs**

**Building College Vocabulary**

This course is designed to increase the vocabulary of students so that they may be better equipped for college and the workplace. Students develop skills in dictionary use, context clues, word derivatives, and word usage. Prerequisite: Placement test score or instructor permission.

**READ 090** **Available: fall, spring** **3 Cr Hrs**

**Reading Development**

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 101 Available: fall, spring 2 Cr Hrs**  
**College Reading**

This course is designed to develop reading strategies that promote higher levels of comprehension with application to various types of non-fiction reading. Prerequisite: READ 090 or equivalent placement test score.

**READ 122 Available: fall, spring 1 Cr Hr**  
**Enhanced Reading Efficiency**

This course is designed to develop reading strategies that will allow the student to read with greater speed and efficiency. Students will gain skill in choosing a reading rate and approach appropriate to various types of reading. Computer software will offer support for increasing reading rate. Prerequisite: READ 090, equivalent placement score, or instructor permission.

**READ 199 Available: fall, spring 1-5 Cr Hrs**  
**Special Topics**

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.

## SOCIAL SCIENCE

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

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 6 Cr Hrs**  
**Social Science Independent Study**

This is a term-long project. Students should make arrangements with instructors in their field of interest.

## SOCIAL WORK

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

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 3 Cr Hrs**  
**Intro Social Work/Social Welfare**

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 Available: fall, spring 3 Cr Hrs**  
**Foundations of Social Work**

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 Available: All 2 Cr Hrs**  
**Preparing for Foster Care**

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 3 Cr Hrs**  
**Human Behavior & Social Environment**

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 3 Cr Hrs**  
**Introduction to Sociology**

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 3 Cr Hrs**  
**Social Problems**

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

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 3 Cr Hrs**  
**Race & Ethnic Relations**

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** **3 Cr Hrs**  
**Marriage & Family Living**  
 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** **3 Cr Hrs**  
**Mexican American Tradition & Culture**  
 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.

## SPANISH

**SPAN 101** **4 Cr Hrs**  
**Elementary Spanish 1**  
 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** **4 Cr Hrs**  
**Elementary Spanish 2**  
 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** **1 Cr Hr**  
**Spanish 101 Practice class**  
 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** **1-5 Cr Hrs**  
**Special Topics**  
 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** **1-3 Cr Hrs**  
**Spanish Independent Study**  
 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** **4 Cr Hrs**  
**Intermediate Spanish 1**  
 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** **Available: spring** **4 Cr Hrs**  
**Intermediate Spanish 2**  
 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** **4 Cr Hrs**  
**Spanish for Spanish Speakers**  
 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** **Available: summer** **2-4 Cr Hrs**  
**Language and Culture**  
 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** **2 Cr Hrs**  
**Beginning Spanish**  
 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** **2 Cr Hrs**  
**Spanish Lang Culture for Teachers 1**  
 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.

## STUDY SKILLS

**STUS 015** **1 Cr Hr**  
**Basic Study Methods**  
 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** **2 Cr Hrs**  
**College Study Methods**  
 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** **1-5 Cr Hrs**  
**Special Topics**  
 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**

This course is the last assigned clinical experience for the student surgical first assistant. This semester will complete the programmatic requirements. Student must scrub 135 cases in the student surgical first assisting role. Students will complete 35 General surgical scrubs with 10 being endoscopic, 25 OB/GYN surgical scrubs, 25 orthopedic surgical scrubs with 10 being endoscopic and 50 specialty surgical scrubs (for a total of 135). Specialty cases include: Pediatric, Neurological, Plastic, Vascular, Gu, Trauma, Procurement & transplant, ENT, Ophthalmic and Oral/maxillofacial.

## 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****3 Cr Hrs****Sterilization Techniques**

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 103L****1 Cr Hr****Sterilization Techniques Lab**

This 8 week lab course includes lab time at the CSI CSP lab as well as in local hospital and surgery centers for practice and practical experience.

**SURT 105****5 Cr Hrs****Surgical Techniques**

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 Available: fall****1 Cr Hr****Surgical Clinical Practicum 1**

This clinical course includes clinical rotation into the operating room setting where students will begin to practice in the perioperative area with instruments, sterile technique and beginning surgical procedures and interventions.

**SURT 110 Available: spring****2 Cr Hrs****Leadership for Surgical Tech**

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 127, and ALLH 101.

**SURT 115 Available: spring****4 Cr Hrs****Clinical Practicum 2**

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, Biol127 with a grade of 70% or higher.

**SURT 140****3 Cr Hrs****Beginning Surgical Procedures**

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****3 Cr Hrs****Advanced Surgical Procedures**

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

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**SURT 285****3 Cr Hrs****Surgical Clinical Practicum 3**

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****4 Cr Hrs****Surgical Clinical Practicum 4**

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 Available: summer****2 Cr Hrs****Certification Exam Preparation**

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 students strengths and weaknesses in each topic area will be identified. The course will also introduce useful test-taking strategies.

**TECHNICAL TRAINING****TECT 109****2 Cr Hrs****Construction Blueprints & Codes**

This course offers hands-on experience of construction and fabrication documents. There is an introduction to graphic language interpretation and (CAD or similar) software used in designing plans. There will be an overview of code requirements and how to integrate appropriate solutions into plans.

**TECT 110****1 Cr Hr****OSHA & Industrial Safety**

The student will learn fundamental elements of safety regulations and practice. Basic OSHA safety certification will be completed.

**TECT 125****3 Cr Hrs****Cost Estimating for Construction**

Students will examine industry practices involving labor and material pricing. Analysis will focus on the benefits of each cost method, including price per square foot, price per job, price per hour, and pre-packaged prices. Students will pay special attention to trade scheduling and how the permitting process affects the cost structure.

**TECT 146****1 Cr Hr****Job Seeking Skills**

This course helps students understand the job hunting process including writing resumes, writing cover letters and follow up letters, filling out applications, and interview techniques.

**THEATRE****THEA 101****Available: fall, spring****3 Cr Hrs****Theatre Appreciation**

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****Available: fall****3 Cr Hrs****Fundamentals of Acting**

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****Available: spring****3 Cr Hrs****Intermediate Acting**

Problems in analysis and creation of character. Study, rehearsal, presentation. Required for theatre majors. Prerequisite: THEA 111.

**THEA 130****Available: fall****3 Cr Hrs****Stagecraft**

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****Available: fall, spring****1 Cr Hr****Play Production**

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

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****1-3 Cr Hrs****Theatre**

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****Available: fall****3 Cr Hrs****Theatre History 1**

A survey of theatre history from prehistoric times through the Renaissance. Students examine literature and personalities from representative periods and movements.

**THEA 202****Available: spring****3 Cr Hrs****Theatre History 2**

A survey of theatre history from the Renaissance to modern times. Students examine literature and personalities from representative periods and movements.

**THEA 211****Available: fall****2 Cr Hrs****Voice for Theatre**

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****Available: spring****3 Cr Hrs****Stage Lighting**

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****Available: fall****2 Cr Hrs****Stage Makeup**

Basic principles and theory. Laboratory and performance experience in all phases of theatrical makeup. Required for sophomore theatre majors.

**THEA 250****Available: spring****3 Cr Hrs****Classroom Drama**

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****Available: fall, spring****1 Cr Hr****Theatre Portfolio**

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.

## VETERINARY TECHNOLOGY

### **VETT 101** **2 Cr Hrs**

#### **Introduction to Veterinary Tech**

An orientation course designed to familiarize students with the ethical and practical considerations of veterinary technology. Discussion of career options, affiliated medical associations, state-federal organizations, human-animal bonding and public relations included.

### **VETT 102** **Available: fall** **3 Cr Hrs**

#### **Animal Nursing & Restraint**

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** **3 Cr Hrs**

#### **Animal Health Records Systems**

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** **1 Cr Hr**

#### **Integrative Medicine**

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** **4 Cr Hrs**

#### **Comparative Veterinary Anatomy & Physiology 1**

A fundamental study of the anatomy and physiology of various domestic species. Examines skeletal, muscular, cardiovascular, respiratory, urinary tract, digestive, reproductive, lymphatic, immune, and neurological systems. Enrollment in vet tech program.

### **VETT 110** **Available: spring** **3 Cr Hrs**

#### **Specimen Collection Lab**

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** **Available: spring** **4 Cr Hrs**

#### **Clinical Laboratory Procedures 1**

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 verses disease induced changes of hematological parameters. Prerequisite: VETT 105 passed with C or better.

### **VETT 121** **Available: fall** **4 Cr Hrs**

#### **Clinical Laboratory Procedures 2**

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** **1-5 Cr Hrs**

#### **Special Topics**

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** **4 Cr Hrs**

#### **Anesthesiology**

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** **4 Cr Hrs**

#### **Veterinary Surgical Assisting**

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** **4 Cr Hrs**

#### **Veterinary Procedures Seminar**

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** **3 Cr Hrs**

#### **Applied Radiology**

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** **3 Cr Hrs**

#### **Veterinary Pharmacology**

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** **Available: fall** **4 Cr Hrs**

#### **Animal Diseases**

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.

**VETT 285** **1 Cr Hr**  
**Cooperative Education**  
 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** **1 Cr Hr**  
**Clinic Experience**  
 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** **4 Cr Hrs**  
**Available: fall, spring**  
**Water Quality**  
 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.

**WATR 130** **3 Cr Hrs**  
**Water Measurement**  
 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** **3 Cr Hrs**  
**Irrigation Systems**  
 A study of different types of irrigation systems, irrigation scheduling techniques, and properties of soils that effect water retention.

**WATR 199** **1-5 Cr Hrs**  
**Special Topics**  
 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** **2 Cr Hrs**  
**Introduction to Hydrology**  
 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** **3 Cr Hrs**  
**Water Delivery Systems**  
 Instructs students in methods of water conveyance, well construction, pump basics, and electric motor selection.

**WATR 240** **2 Cr Hrs**  
**Wastewater Systems & Treatment**  
 This course focuses on an investigation of municipal and industrial wastewater treatment processes.

**WATR 245E** **12 Cr Hrs**  
**Class 2 Certification**  
 This course is intended for Idaho water/wastewater class II certified individuals.

**WATR 246E** **12 Cr Hrs**  
**Class 3 Certification**  
 This course is intended for Idaho water/wastewater class III certified individuals.

**WATR 247E** **12 Cr Hrs**  
**Class 4 Certification**  
 This course is intended for Idaho water/wastewater class IV certified individuals.

**WELDING TECHNOLOGY**

**WELD 107** **1 Cr Hr**  
**Available: fall**  
**Applied Leadership & Safety**  
 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** **2 Cr Hrs**  
**Available: fall**  
**Thermal Cutting Processes**  
 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 ad 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** **2 Cr Hrs**  
**Available: fall**  
**Basic Blueprint Reading**  
 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** **2 Cr Hrs**  
**Available: spring**  
**Intermediate Blueprint Reading**  
 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,

**COURSE DESCRIPTIONS**

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 Available: fall 2 Cr Hr  
SMAW 1 (Arc Welding)**

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 Available: spring 3 Cr Hrs  
SMAW 2 (Arc Welding)**

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 Available: fall 2 Cr Hr  
GMAW & FCAW 1 (MIG)**

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 Available: spring 3 Cr Hrs  
GMAW & FCAW 2 (MIG)**

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 Available: fall 2 Cr Hr  
GTAW 1 (TIG)**

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 Available: spring 3 Cr Hrs  
GTAW 2 (TIG)**

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 1-5 Cr Hrs  
Special Topics**

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 Available: fall, spring, summer 1-3 Cr Hrs  
Independent Studies**

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 Available: summer 3 Cr Hrs  
GMAW & FCAW Project Application**

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 Available: summer 3 Cr Hrs  
GTAW Project Application**

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 3 Cr Hrs  
Pipe Welding Qualification**

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 Available: spring Cr Hrs 3**  
**Structural Steel Welding & Qualification**

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". Prerequisite: instructor permission.

**WELD 240 Available: spring Cr Hrs 3**  
**Stainless Steel & Sanitary Welding**

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 Available: fall Cr Hrs 6**  
**GMAW & FCAW Qualification and Fabrication**

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 Available: fall Cr Hrs 6**  
**SMAW Qualification and Fabrication**

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 Available: spring Cr Hrs 6**  
**GTAW Qualification and Fabrication**

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 Available: summer Cr Hrs 2-6**  
**Project Applications**

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 Cr Hrs 1-8**  
**Cooperative Education**

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.

## WIND ENERGY TECHNOLOGY

**WIND 105 Available: fall Cr Hrs 2**  
**Tower Safety and Crane Operations**

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 Available: fall Cr Hrs 2**  
**Industrial Safety (OSHA 10/CPR)**

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 Available: fall Cr Hrs 1**  
**Industrial Tools and Equipment**

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 3-6 Cr Hrs**  
**Wind Energy Internship**

Students will serve an internship in the wind industry with approval of the instructor. This course is variable credit depending on number of contact hours: 45 hours per credit hour.

**WIND 125 Available: fall Cr Hrs 1**  
**Fluid Power and Hydraulics**

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 Available: fall 4 Cr Hrs**  
**Fundamentals of Electricity**

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 Available: spring 2 Cr Hrs**  
**Industrial Electricity**

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 Available: spring 3 Cr Hrs**  
**Electric Motors, Generators, & Controls**

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 Available: spring 3 Cr Hrs**  
**Programmable Logic Controllers**

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 Available: spring 3 Cr Hrs**  
**Mechanical Drives Systems**

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 1-4 Cr Hrs**  
**Wind Independent Study**

This is a long-term project by contract. Each credit 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 Available: fall 4 Cr Hrs**  
**Turbine Control Systems**

Students will begin working with wind turbine control systems and utilize them to operate a working wind simulator. Prerequisite: Wind 150.

**WIND 265 Available: fall 4 Cr Hrs**  
**Hub Control Systems**

This technical credit 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 Available: fall 4 Cr Hrs**  
**Generator Control Systems**

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 Available: spring 4 Cr Hrs**  
**Data Acquisition and Circuits**

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 1-12 Cr Hrs**  
**Cooperative Education**

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 credit hours. Prerequisite: Successful interview with the placement committee

**WIND 286 Available: spring 4 Cr Hrs**  
**Wind Turbine Simulation**

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 Available: spring 4 Cr Hrs**  
**Diagnostics and Troubleshooting**

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.

# DEPARTMENTS, FACULTY & STAFF



## DEPARTMENTS

### ACADEMIC SKILLS

**DEPARTMENT CHAIR:**

Dr. Debra Klimes

**INSTRUCTIONAL PERSONNEL:**

Bruce Bennett

Jim Dawson

Judy Hansen

Lynn Irons

R. Brent Jensen

Kevin Jones

Kimberly Jones

Dr Margaret Peck

Theresa Pham

Russell Sadler

Elizabeth (Betty) Slifer

Christalyn (Chrissy) Waitley

### AGRICULTURE

**DEPARTMENT CHAIR**

Jim Wilson

**INSTRUCTIONAL PERSONNEL:**

Kyle Brown

Chani Christensen

Erin Gutknecht

Jim Knight

Kip Morris

Dr. Barry Pate

Steve Rivas

Dr. Jody Rockett

Dr. Ross Spackman

Jim Wilson

**PROGRAMS:**

Agri-Business

Animal Science

Aquaculture

Environmental Technology

Equine Studies

Horse Management

Horticulture

Livestock Technician

Veterinary Technology

Water Resource Management

Wind Technology

### BIOLOGY

**DEPARTMENT CHAIR:**

Jayson Lloyd

**INSTRUCTIONAL PERSONNEL:**

Dr. Don Campanella

Kathy Clark

Dr. Alex Doetsch

Dr. Amy Rice Doetsch

Bill Ebener

Sarah Harris

Heidi Hawkins

Jody Hawkins

Jayson Lloyd

Kim Morgan

Dr. Jan Simpkin

Dr. Randy Smith

**PROGRAMS:**

Biology

Biology-Health Care

Biology-Natural Resources

### BUSINESS AND ECONOMICS

**DEPARTMENT CHAIR:**

Chris Bragg

**INSTRUCTIONAL PERSONNEL:**

Crystal Ayers

Susan Ettesvold  
Cynthia Harmon  
Tom Hamilton  
Dennis Heiner  
Dr. John Hurley  
Dianne Jolovich  
Mike Johnson  
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. Evin Fox  
Dr. Tracey Meyerhoeffer  
Ellen Neff  
Jaime Tigie  
Shelly Wright

**PROGRAMS:**

Early Childhood Education  
Ed Assistant, Generalist  
Education, Elem-Bilingual  
Education, Elementary  
Education, Secondary  
Education, Special  
Health Promotion  
Physical Education  
Physical Education K-12

**ENGLISH, LANGUAGES & PHILOSOPHY**

**DEPARTMENT CHAIR:**

Whitney Smith

**INSTRUCTIONAL PERSONNEL:**

Raquel Arenz  
Ken Bingham  
Priscilla Bingham  
Jan Carpenter  
Dr. Clark Draney  
James Irons  
Brenda Larsen  
Debra Matier  
Robert Mayer  
Shelley McEuen  
Dr. Jette Morache  
Kimberly Prestwich  
Dawnette Reis

Whitney D Smith

David West

**PROGRAMS:**

English  
Language, American Sign  
Language, Foreign

**FINE ARTS**

**DEPARTMENT CHAIR:**

Chris Bragg

**INSTRUCTIONAL PERSONNEL**

Chris Bragg  
Serena Jenkins Clark  
Dr. George Halsell  
Beth Hewes  
Brent Jensen  
Ben Lustig  
Sue Miller  
Milica Popovic  
Tiffany Seeley-Case  
Gina Sneddon  
Laine Steel  
Mark Wasden  
Bill West  
Carson Wong  
Michael Youngman

**PROGRAMS**

Art, Visual  
Communication  
Music  
Theatre

**HEALTH SCIENCES & HUMAN SERVICES**

**DEPARTMENT CHAIR:**

Gordy Kokx

**INSTRUCTIONAL PERSONNEL**

Deb Annest  
Isaac Baker  
Anita Bartels  
Dr John Boling  
Gay Bondelid  
Susan Boone  
Tonja Bowcut  
John Brannen  
Kristine Brock  
Becky Brown  
Jill Chestnut  
Matt Crane  
Michelle Critchfield  
Christine Deal  
Kathy Fagerland  
Mary Feis-Christy  
Dr Michael Florence  
Jamie Goffin  
Stephanie Gorringer

Ryan Gurney  
 Janet Hansen  
 Cynthia Harding  
 Paula Hart  
 Sheri Hawley  
 Robyn HoChee  
 RoseAnna Holliday  
 Nina Hollifield  
 Tamara Janak  
 Suzanne Jones  
 Tina Koch  
 Gordy Kokx  
 Donna Krapf  
 Terry LaFleur  
 Blaine Larsen  
 Dr. Gary Lauer  
 Dr Jack Links  
 Kara Mahannah  
 Jim Massie  
 Mindy McDonald  
 Janet Milligan  
 Leslie Moore  
 Ryan Mumford  
 Susan Narashimhan  
 Dr Joel Newton  
 Carrie Nutsch  
 Kacee O'Connor  
 Alma Padron  
 Shannon Palmer-Stowe  
 Tammy Pehrson  
 Gail Peterson  
 Kalise Price  
 Angie Pullin  
 Heather Reardon  
 Mary Reis  
 James Rhom  
 Rita Ruhter  
 Anna Scholes  
 Leslie Schutte  
 Dr Cindy Seaman  
 Jeanna Secrist  
 Dan Shawver  
 Laurie Silva  
 Barbara Slatter  
 Scott Snell  
 Nicole Sorensen  
 Sandra Uhl  
 Valerie Warner  
 Betty Zimmerman

**PROGRAMS:**

Addiction Studies  
 Certified Nursing Assistant  
 Dental Assistant  
 Dental Hygiene  
 Emergency Medical Technology  
 Health Workforce Training

Human Services  
 Medical Assistant  
 Nursing, Practical  
 Nursing, Registered  
 Paramedic  
 Physical Therapist Assistant  
 Radiologic Technology  
 Surgical/Central Sterile Processing Technician  
 Surgical First Assistant  
 Surgical Technology

**HONORS**

**DIRECTOR:**

Brian Dobbs

**PROGRAMS:**

An enhancement to the student's chosen major

**INFORMATION TECHNOLOGY**

**DEPARTMENT CHAIR:**

Lori Garnand

**INSTRUCTIONAL PERSONNEL:**

Lori Garnand  
 Laura L Heatwole  
 Julie Heithecker  
 Daryl Hunt  
 RD Van Noy  
 Kirk Ruby  
 Teresa Sept

**PROGRAMS:**

Administrative Assistant  
 Computer Support Technician  
 Digital Media  
 Network Systems Technician  
 Web Developer

**LIBRARY AND INFORMATION SCIENCE**

**DEPARTMENT CHAIR:**

Teri Fattig

**INSTRUCTIONAL PERSONNEL:**

Teri Fattig  
 Stephen Poppino

**PROGRAMS:**

Library and Information Science

**MATH, ENGINEERING AND COMPUTER SCIENCE**

**DEPARTMENT CHAIR:**

Paul Morgan

**INSTRUCTIONAL PERSONNEL:**

Tom Atkin  
 Randy Berriochoa  
 Dr Ron Cresswell  
 Cindy Dickson  
 Bill Eberlein  
 Estella Elliott

Anatoliy Honcharenko  
 Steve Irons  
 Constance E. Meade  
 Paul Morgan  
 Nolan Rice  
 Russell Sadler

**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  
 Tech Prep (High School)

## SOCIAL SCIENCE

**DEPARTMENT CHAIR:**

Brett Reid

**INSTRUCTIONAL PERSONNEL:**

Brian Dobbs  
 Lee Ann Hagan  
 Susan McFarland  
 Chris Meyerhoeffer  
 Brett Reid  
 Matt Reynolds  
 Dr. Randy Simonson  
 Shilo Smith  
 Dr. Russ Tremayne  
 Jim Woods

**PROGRAMS:**

Anthropology  
 Criminal Justice  
 Geography  
 History  
 Law (Pre)  
 Law Enforcement  
 Political Science  
 Psychology  
 Social Work  
 Sociology

## TRADE & INDUSTRY

**DEPARTMENT CHAIR:**

David Wyatt

**INSTRUCTIONAL PERSONNEL:**

Gary Dewey  
 Pat Ferrell  
 Richard Frey  
 Ben Hamlett  
 Levi Perkins  
 Tim Pierce  
 David Rodriguez  
 Robyn Swainston  
 Ken Triplett  
 David Wyatt

**PROGRAMS:**

Air Conditioning, Refrigeration & Heat  
 Auto Body Technology  
 Automotive Technology  
 Cabinetmaking/Woodworking  
 Diesel Technology  
 Drafting Technology  
 Environmental Technology  
 Industrial Mechanics  
 Manufacturing Technology (Precision Machining and  
 Automation)  
 Welding Technology  
 Wind Energy

# FACULTY, STAFF, AND ADMINISTRATION

## Full-Time Faculty, Select Staff, and Administration

### A

**Annest, Debra L**

L.P.N. (Ventura College); B.S. (San Francisco State University); M.H.E. (Idaho State University); Instructor of Allied Health and Physical Education, 1988.

**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.

**Arrossa, Monty J**

A.A. (College of Southern Idaho); B.S., M.T.D. (Idaho State University); Director of Human Resources, 2004.

**Atkin, Thomas E (Tom)**

B.S., M.S. (Utah State University); Associate Professor of Mathematics, 2008.

**Ayers, Crystal**

A.A.S. (Cotley College); B.S. (Idaho State University); M.Ed. (University of Idaho); 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.

**Barigar, Camille**

A.A. (College of Southern Idaho); B.B.A. (Boise State University); Fine Arts Special Events Coordinator, 1999.

**Bate, Joel C**

B.S. (Boise State University); M.A. (University of Idaho); Athletic Director, 1993.

**Baum, Gary**

A.A. (College of Southern Idaho); B.B.A. (Boise State University); Coordinator Help Desk/Lab, 1986.

**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, Karen Diane**

B.A. (Washington State University); Sports Information Director, 1998.

**Baumert, Nick**

A.A. (College of Southern Idaho); B.A. (Idaho State University); Head Coach, Women's Softball, 2006.

**Beck, Dr. Gerald Lee (Jerry)**

B.S., M.Ed., Ed.D. (University of Idaho); Graduate Studies (Harvard University, IEM); President, 1975.

**Bennett, Bruce T**

A.A. (College of Southern Idaho); B.A. (Brigham Young University); M.Ed. (University of Idaho); Associate Professor of Developmental Language Arts, 1980.

**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.

**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.D.N. (College of Southern Idaho); B.S.N., M.S.N. (Idaho State University); Instructor of Clinical Nursing, 2009.

**Boone, Susan**

ADN (College of Southern Idaho); B.S.N. (Idaho State University); Instructor Nursing, 2012

**Bowcut, Tonja S**

C.D.A., A.A.S. (Eastern Idaho Technical College); National Certified Dental Assistant; Associate Professor of Dental Assisting, 1997.

**Bowman, Christy**

A.A. (College of Southern Idaho); B.A. (Boise State University); M.Ed. (University of Idaho); Housing Coordinator, 2004.

**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); Chairperson of Business and Economics & Fine Arts Departments; Professor of Communication, 1994.

**Brannen, John, RN**

A.S.N. (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 Practical Nursing, 2005.

**Brown, Becky**

B.S.N. (Biola University); M.S.N. (Regis University); Assistant Professor of Nursing, 2006.

**Brown, Kyle**

A.S. (Boise State University); A.A.S. (College of Southern Idaho); Wind Technician.

**Bryant, Elaine**

A.A. (College of Southern Idaho); B.S. (Nazareth College of Rochester); M.Ed. (University of Arizona); North Side Center Director, 1987.

**C****Campanella, Don**

B.S. (Carleton College), M.S. (University of Texas), Ph.D. (Oregon State University), Assistant Professor Biology, 2010.

**Campbell, Dr. Heidi Adams**

B.S. (Utah State University); Ph.D. (University of Michigan); Associate Professor of Chemistry, 2006.

**Campbell, Dr. Kenneth B (Ken)**

Ph.D. (University of California, Irvine); Dean of Information Technology Services, 1991.

**Carlile, Carol L.**

A.A. (College of Southern Idaho); Assistant Director of Admissions and Records, 1973.

**Carpenter, Jan Sylvia**

B.S. (University of Montana/Western); M.A.L.A. (St. John's College); Associate Professor of English, 2005.

**Cartisser, Heidi**

A.A. (College of Southern Idaho); B.A. (Albertson College); Head Coach, Women's Volleyball, 2006.

**Chapple, Catrina**

A.A. (College of Southern Idaho); B.A. (Boise State University); M.Ed. (University of Idaho); Student Advisor, 1997.

**Chestnut, Jill Anne**

R.N., A.S.N. (Chaffee College); Assistant Professor Allied Health, 2004.

**Christensen, Chani**

B.S., M.S. (Brigham Young University); Veterinary Technician, 2009.

**Christopherson, Amy**

B.S, M.S. (Brigham Young University); Mini-Cassia Center Director, (2012).

**Church, Mary Jo**

A.A. (College of Southern Idaho); B.S., M.Ed. (Idaho State University); Scholarship Coordinator, 1984.

**Clark, Kathy Ann**

B.S. (University of Wyoming); M.S. (University of Idaho); Professor of Biology, 1991.

**Clark, Serena Jenkins**

B.A. (Pepperdine University); Music Instructor, 2011.

**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 Registered Nursing, 2012.

**Crofts, Adam**

B.A., M.A. (Arizona State University); Assistant Professor of Spanish and Portuguese, 2008.

**Culum, Samra**

A.A. (College of Southern Idaho); B.A. (Idaho State University); M.Ed. (University of Idaho); New Student Services Coordinator, 2011.

**D****Daily, Mark E**

B.S. (University of Idaho); M.S. (University of New Mexico); Department Chair of Physical Science and 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); Professor of Developmental Mathematics, 1980.

**Deal, Christine**

B.S.N. (Montana State University); M.S.N. (Idaho State University), Associate Professor of Nursing, 2005.

**Devlin, Erin**

A.A. (College of Southern Idaho); Undergraduate Study (Idaho State University); Retention and Graduation Coordinator, 2010.

**Dewey, Gary**

A.A.S. (College of Southern Idaho); B.A. (Idaho State University); Masters, Human Resources Training and Development, (Idaho State University); ASE Master Technician, Automotive & Diesel Repair Technology; Daimler Trucks North America Certified Instructor, Coordinator, Industry Trainer, 1999.

**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 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.

**Eberlein, William C (Bill), PE**

B.S. (Washington State University); M.S. (Oregon State University); Professor of Engineering, 1997.

**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; Professor of Education, 1999.

**Ellington, James R. (Jim)**

B.S. (California State University, Long Beach); Public Safety Director, (2011).

**Elliott, Estella**

B.S., M.S. (Utah State University); Assistant Professor of Mathematics, 2007.

**Emery-Davidson, Dr Jennifer White**

B.A. (Carleton College); Ph.D. (University of Utah); Blaine County Center Director, 2001.

**Erickson, Laura L**

A.A.S. (College of Southern Idaho) Assistant Professor of Computer Graphic Design, 2008.

**Ettesvold, Susan**

American Culinary Federation Certified Executive Pastry Chef; Instructor of Baking and Pastry, 2009.

## F

**Fagerland, Kathleen J**

B.A. (Jamestown College, Jamestown, ND); M.S.N. (University of Utah); B.S. (Boise State University); 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, Teri L**

B.B.A. (Boise State University); M.L.I.S. (University of North Texas); Doctoral Study (University of Idaho); Library and Herrett Center Director, Chairperson for 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; Associate Professor of Human Services, 2005.

**Ferrell, Patrick D (Pat)**

A.A.S. (College of Southern Idaho); B.S. (University of Idaho); Associate 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; Executive Vice President and Chief Academic Officer, 1987.

**Fox, Dr. Evin L**

B.A., M.A. (California State University, Sacramento); M.Ed. (Idaho State University); Ed.S. (University of Idaho); 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.

**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 Chair of Information Technology Education Department and Professor of Information Technology, 1999.

**Gosar, Steven R (Steve)**

B.S., Graduate Study (University of Wyoming); Head Coach, Men's Basketball, 2005.

**Gurney, Ryan**

A.D.N. (College of Southern Idaho), B.S.N., M.S.N.-Ed(Western Governors University), Instructor of Nursing, 2011.

## H

**Hagan, Lee Ann**

B.S., M.S. (Utah State University); Instructor of Geography and Political Science, 1987.

**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; Instructor 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.

**Hamilton, Thomas J (Tom)**

B.B.A., M.B.A. (Idaho State University); C.P.A.; Associate Professor of Accounting, 1982.

**Hamlett, Ben E**

B.S.E.E., Graduate Study (University of Idaho); Assistant Professor of Manufacturing Technology, 2008.

**Hansen, Judy Grigg**

B.A., M.A. (Boise State University); Associate Professor of Developmental Language Arts/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; Associate Professor of Dental Hygiene, 2005.

**Harmon, Cynthia E**

C.P.A., A.A. (College of Southern Idaho); B.B.A. (Boise State University); Assistant Professor of Accounting & Bookkeeping, 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.

**Harris, Sarah J**

B.S. (Albertson College of Idaho), Graduate Study (University of Utah; Bard College); Lab Manager and Instructor of Biology, 1990.

**Hart, Paula, RN**

A.S.N. (College of Southern Idaho); B.S.N. (University of Wyoming); Registered Nurse; Gerontology Nurse Certificate; Legal Nurse Consultant; Idaho Standard Occupational Specialist Teacher Credential; Assistant Professor, 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); Registered Nurse; Gerontology Nurse Certificate; Idaho Standard Occupational Specialist Teaching Credential; Assistant Professor of Practical Nursing, 2008.

**Heck, Alan**

B.B.A. (Idaho State University); Idaho Advanced Occupational Specialist Idaho Educational Credential. Standard Occupational Specialist in Building Trades Construction; Green Building Professional Certificate; NAHB Residential Construction Academy Certificate; OSHA Outreach Trainer Certificate; C3T Grant Project Manager, 2006.

**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 Information Technology, 2000.

**Hewes, Beth**

B.S. (University of Idaho); M.A. (Washington State University); Associate Professor of Communicatio/Forensics, 2008.

**HoChee, Robyn M**

B.A. (Carrol College); M.S. (University of Wyoming); Instructor of Registered Nursing, 1993.

**Holliday, RoseAnna B.**

B.S. (University of Idaho); M.P.H. (University of Minnesota); Ph.D. (University of Connecticut); Licensed and Registered Dietitian; Instructor Allied Health, 2012.

**Hollifield, Nina J**

R.N., B.S.N. (University of Nevada, Reno); M.S.N. (Idaho State University); Assistant Professor of Registered Nursing, 1993.

**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); 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.

**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, 1981.

**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 Developmental 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); Instructor of Chemistry, 2009.

**Janak, Tamara**

A.S. (College of Southern Idaho); B.S.R.S. (Idaho State University); Registered Technologist in Radiography and Mammography, American Registry of Radiologic Technologists; Idaho Occupational Specialist Teaching Credential/Radiologic Technology Endorsement; Instructor, Radiologic Technology, Clinical Coordinator, 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), Developmental Language Arts and Instructor of 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); Assistant Professor of Hospitality Management/Culinary Arts, 2006.

**Jones, Cindy**

B.A. (Boise State University); Instructor of Dance.

**Jones, Colby**

B.A. (University of Nevada-Las Vegas); Graduate Study (St. Cloud State University); Student Advisor, 2012.

**Jones, Kevin L**

B.A. Graduate Study (University of Idaho); M.S. (Boise State University); Assistant Professor of Developmental Math, 1989.

**Jones, Kimberly A**

B.A. (Utah State University); M.Ed. (University of Idaho); Associate Professor of Developmental and Language Arts, 2002.

**Jones, Sue RN**

C.N.A. (St Luke's School of Nursing); Instructor of Certified Nursing, 2008.

**K****Klimes, Dr. Debra S.E. (Debi)**

B.S. (University of Idaho); M.Ed. (College of Idaho); Ed.D. (Oregon State University); Director and Chair of Academic Development Center, 1974.

**Knight, R James (Jim)**

B.S. (Brigham Young University); Instructor of Equine, 1993.

**Koch, Tina**

A.D.N. (College of Southern Idaho); B.S.N. (Idaho State University); Instructor of Registered Nursing, 2012.

**Kokx, Gordon Adams (Gordy)**

A.D., A.A.S, (Lansing Community College); B.S. (Ferris State University); M.S. (Boise State University); Idaho Advanced Occupational Specialist Teaching Credential; Department Chair and Professor of Paramedic Program, 2000.

**Kraph, Donna**

A.D.N. (College of Southern Idaho), B.S.N. (Idaho State University), Instructor of Registered Nursing, 2009.

**L****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.

**Lindquist, Scott**

B.S. (University of Idaho); B.S.W. (Lewis Clark State College); M.Coun. (Idaho State University); Student Advisor, 2008.

**Lloyd, Jayson Elliott**

B.S., M.S. (Brigham Young University); Department Chair and Professor of Biology, 2001.

**Lloyd, Kory W**

A.A. (Ricks College); B.B.A (Boise State University); M.A. (National University); Instructor of English, 2011.

**Lord, Jonathan**

B.S. (Westmont College); M.A. (Wheaton College), M.Ed. (National University); Instructor of Physical Education, 2011.

**Lustig, Benjamin J**

B.S. (University of South Dakota); M.F.A. (East Carolina University); Instructor 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; Assistant Professor of English, 2003.

**Mahannah, Kara**

A.A., L.P.N. (College of Southern Idaho); R.M.A. (American Medical Technologist); Idaho Limited Occupational Specialist Teaching Credential/Medial 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.

**Massie, James Claude**

A.A.S (College of Southern Idaho); B.S. (Idaho State University); National Registered Paramedic; Idaho Limited Occupational Specialist Teaching Credential; Assistant Professor of Emergency Medical Services/Paramedic, 2008.

**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.

**McEven, 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.

**McFarland, Susan Rae**

A.A. (College of Southern Idaho); B.S.W. (Idaho State University); M.S.W. (Walla Walla College); Associate Professor of Social Work/Sociology 2003.

**McFarlane, Dr. Michele**

B.A. (Boise State University); M.Ed., Ed.S., Ed.D. (University of Idaho); Research Analyst, 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); Education Assistant Coordinator and 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); Assistant 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); MS (Massachusetts Institute of Technology); Lieutenant Colonel (Ret.) USA; Chair of Mathematics, Engineering and Computer Science Department and Professor of Mathematics, 1998.

**Morris, Kip**

A.A. (Blue Mountain Community College); B.S. (Eastern Oregon University); Assistant Professor of Wind Energy, 2012.

**N****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.

**Nutsch, Carrie L**

L.P.N./C.S.T., A.A.S. (College of Southern Idaho); Assistant Professor of Surgical First Assistant, 2008.

**O****Olson, Merry**

A.A.S, A.A. (College of Southern Idaho); B.B.A. (Boise State University); M.Ed. (University of Idaho); Career Readiness Facilitator, 1998.

**P****Pate, Dr. Barry Joseph**

B.S. (Brigham Young University); Ph.D. (Utah State University); Assistant 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.N. (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 for the Diesel Technology Program, 2008.

**Peterson, Robert N (Nick)**

Machine Tool Technical Training (Napa Jr. College); Facility/Display/Planetarium Technician, Herrett Center for Arts and Science, 1977.

**Pham,Theresa**

A.S. (College of Southern Idaho); B.S. (Idaho State University); M.S. (Idaho State University); Assistant Professor of Mathematics, Academic Skills, 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); MLS (University of Washington); Reference Librarian, 1983.

**Powell, Kathleen E (Kat)**

B.A. (Washington State University); M.S. (Texas Tech University); Certified Career Development Facilitator; Certified MBTI Administrator, Learning Center Coordinator, 1999.

**Prestwich, Kimberly**

B.A. (Idaho State University); M.P.A. (Idaho State University); Associate Professor of English, 1998.

**Price, Kalise A**

A.D.N. (College of Southern); B.S.N. (Idaho State University); M.S.N. (Walden University); Assistant 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.

**Reid, Ralph Brett (Brett)**

A.A.S. (College of Southern Idaho); Occupational Specialist Law Enforcement (State Board of Education); Peace Officer Standards and Training Master Certificate; Department Chair/Associate Professor of Criminal Justice, 2003.

**Reis, Dawnette**

A.A. (College of Southern Idaho); B.A. (Western Oregon University); M.A. (Idaho State University); ASLTA certified, Assistant 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.

**Renova-Gaxiola, Silvia J**

A.A. (College of Southern Idaho); B.S. (Boise State University); M.S. (Northwest Nazarene University); New Student Services Coordinator, 2007.

**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); Associate 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, Physical Education, 2006.

**Rowlands, Brendan J**

B.S., M.S. (Brigham Young University); Instructor 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 Math, 2011.

**Scholes, J Scott (Scott)**

B.S. (Boise State University); M.Ed. (Washington State University); Dean of Students, 1998.

**Scholes, Kim**

A.A. (College of Southern Idaho); B.H.R.T.D. (Idaho State University); Student Advisor, 2003.

**Schull, Gail Grant**

A.A. (Cabrillo College); B.A. (University of California, Santa Cruz); M.Ed., Doctoral Study (Idaho State University); Director of Admissions & Records, 2005.

**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; Instructor 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.

**Sidlaruk, Rebecca**

B.S.N., M.S.N. (Pensacola Christian College); Instructor of Nursing, 2011.

**Silva, Laurie-Anne**

B.S.N. (Presentation College); Instructor of Nursing, 2009.

**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.

**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 of English, 1975.

**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 and Professor of English, 1998.

**Sneddon, Gina**

B.S. (Utah State University); M.T.D. (Idaho State University); Assistant Professor of Communication, 2008.

**Snell, Scott, RN**

B.S.N. (Troy State University); M.S.N. (Idaho State University); Masters, Nursing (Idaho State University); Registered Nurse; Idaho Standard Occupational Specialist Teaching Credential; Assistant Professor of Practical Nursing, 2006.

**Sorensen, Nicole**

ADN (College of Southern Idaho); B.S.N. (Idaho State University); MSN Pediatric Nurse Practitioner (California State University, Fresno); Instructor Registered Nursing, 2012.

**Spackman, Dr. Ross A**

A.A. (Ricks College); B.S., M.S. (Utah State University); Ph.D. (University of Idaho); Professor of Water Resource Management, 1994.

**Sprinkle, Brian C.**

State Board of Educators Credential: PTE for teaching; CWI and CWE from American Welding Society (AWS); Instructor of Welding, (2012).

**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/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.

**Sugden, Dr. Mark A**

B.S., M.S., Ph.D. (University of Minnesota); Instructional Dean, Health Sciences and Human Services, 1988.

**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.

**Szanto, Dr. Edit**

A.A. (College of Southern Idaho); B.A., B.A., M.B.A. (Washington State University); M.L.I.S. (Syracuse University); Ed.S., Ph.D. (Nova Southeastern University); Executive Education Program (Harvard Business School); Vice President of Student Services, Planning and Grant Development, 1996.

**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 Physical Education, 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****VanHoozer, Carol R**

B.A. (University of Northern Colorado); M.Ed. (Albertson College of Idaho); LPC, Counselor, Career and Counseling Services, 1992.

**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, YEAR?

**W****Waitley, Christalyn N (Chrissy)**

A.A. (College of Southern Idaho); B.S. (Boise State University); Graduate Study (University of Idaho); Assistant Professor of Developmental Math, 2008.

**Walker, Justin D (Boomer)**

A.A. (College of Southern Idaho); B.A. (Northeast Louisiana University); Head Baseball Coach, 1995.

**Ward, Valerie Jean**

Coordinator of the Testing Center, 2003.

**Warner, Valerie J**

B.S.N. (San Jose State University); M.S. (Idaho State University); Department Chair and Professor of Nursing, 1990.

**Wasden, Mark**

B.A., M.A. (California State University, Chico); Professor of Communication, 2004.

**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); Agriculture Department Chair and Associate Professor of Agriculture, 1987.

**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 of Music, 1980.

**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.

**Woods, Kate Q**

B.A. (University of Utah); M.S. (Northwest Nazarene University); L.P.C., Counselor, Coordinator of Career and Counseling Service, 2007.

**Wright, Shelly K**

B.A. (Boise State University); M.S. (Idaho State University); Associate Professor of Physical Education, 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 and Associate 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)**

R.N., A.D.N. (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., MEd (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

### **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.

### **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.

### **Boydston, D Herschel**

B.S. (Oklahoma State University); M.S. (Oklahoma State University); Professor Emeritus of Agriculture, 1965.

## 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)**

R.N., B.S. (University of Utah); M.N. (University of Washington); Professor Emeritus of Nursing, 1965.

## M

### **Makings, Dr. David Joe (Dave)**

B.S. (Colorado State University); M.A. (University of Northern Colorado); Ed.D. (University of Idaho); Professor of Information Technology Emeritus, 1980.

### **Mannen, William A. (Tony)**

B.A. (Eastern Kentucky University); M.A. (University of Northern Colorado); Professor of Communication and Theatre Emeritus, 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.

### **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.

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## G

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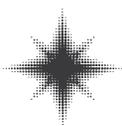
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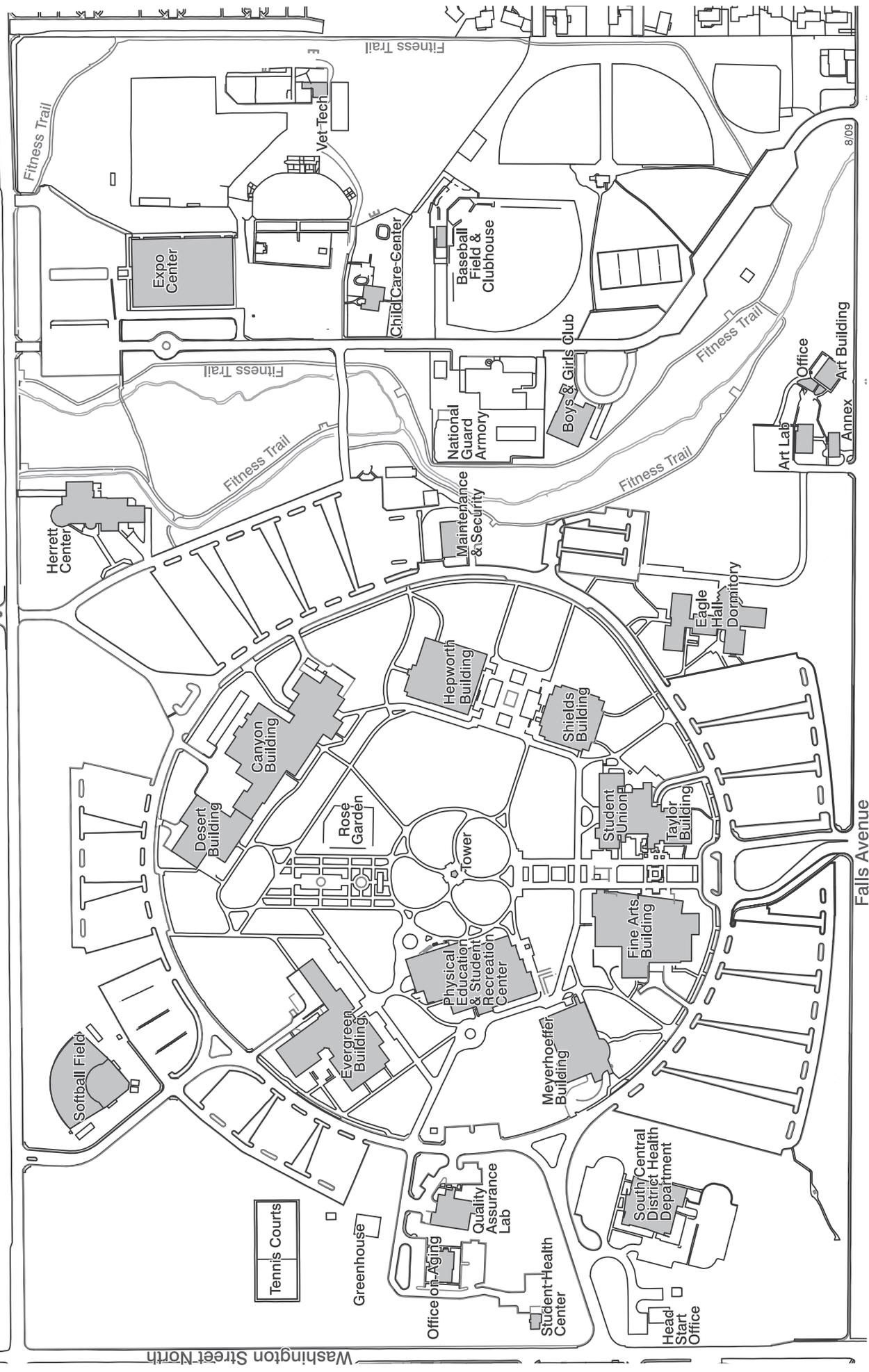
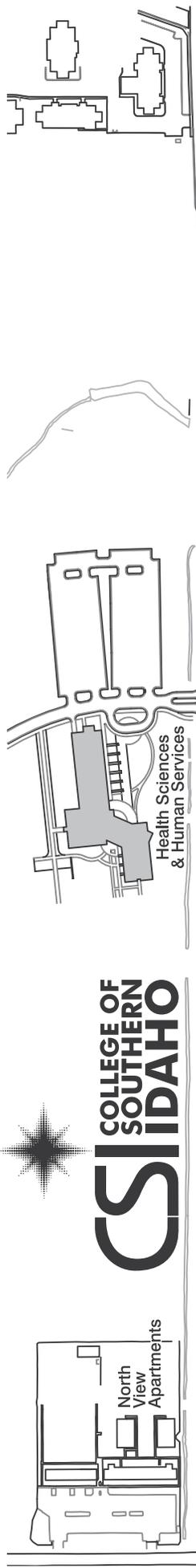
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