



2014 - 2016  
CATALOG



What you'll encounter on your way to class at Feather River College: towering mountains, acres of forestland, clean air and water, and wildlife.

What you won't find: traffic.

If you're looking for a change of scenery, look into Feather River College. Plumas National Forest provides a million-acre classroom in which to learn, and vast open spaces and a four season climate in which to play.

We can't guarantee you won't be late to class, but at least your excuse will be a good one.

## GREETINGS FROM FEATHER RIVER COLLEGE



Small college ... big education. Home to the million-acre classroom. Feather River College is known by many names — we are also known as a college that cares about your success.

Nestled in a small, rural mountain community, Feather River College offers many opportunities that you will not find elsewhere. Our faculty, staff and administrators are dedicated to helping students both inside the classroom and in extracurricular activities. Championship athletic teams, outdoor recreation programs and unique majors in **Equine Studies**, **Fish Hatchery Management** and **Environmental Studies** are some of our special programs available to students.

In addition, we offer traditional transfer programs, vocational training certificates and personal enrichment courses. No matter what your interests, everyone will find something of value at Feather River College. Coupled with breathtaking views from our natural setting, Feather River College offers a unique learning environment to help you reach your educational goals. I thank you for your interest in Feather River College and look forward to seeing you enroll soon.

**Kevin Trutna, Ed.D.**  
*Superintendent/President*

To learn more and to arrange a campus tour, e-mail [info@frc.edu](mailto:info@frc.edu), or call **1-800-442-9799, ext. 315**.



**Feather River College**  
570 Golden Eagle Avenue  
Quincy, California 95971  
[www.frc.edu](http://www.frc.edu)



Feather River College is fully accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges.

Feather River Community College District has made every reasonable effort to ensure that the information published in this catalog accurately reflects current legislation, policy, and fees. However, these are subject to modification at any time in order to accommodate changes in the resources or educational plans of the District or for reasons deemed appropriate by the college president or designee. These changes may be made without prior notice and may supersede this publication or any portion thereof. The full text of any Board Policy and/or Administrative Procedure listed in this catalog can be found on the FRC website at [www.frc.edu/administration/trustees/index.html](http://www.frc.edu/administration/trustees/index.html).

Feather River Community College District does not discriminate on the basis of race, ethnicity, ethnic group identification, color, national origin, ancestry, religion, religious creed, physical disability, mental disability, medical condition, marital status, gender, gender identity, gender expression, sex, age, sexual orientation, or because an individual is perceived to have one or more of those characteristics or is associated with someone who has one or more of these characteristics.

Questions or disputes regarding the College's compliance with nondiscrimination policies, EEO, Title IX and Section 504/ADA, should be directed to the College's Director of Human Resources/EEO, Feather River College, 570 Golden Eagle Avenue, Quincy, CA 95971, 530-283-0202, ext. 280.

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# ABOUT FEATHER RIVER COLLEGE

## STATEMENT OF MISSION

Feather River College provides high-quality, comprehensive student education and opportunities for learning and workforce preparation in a small college environment. The College provides general education, associate's degrees, certificates, transfer programs, and life-long learning for a diverse student population by serving local, regional, national and international students through traditional face-to-face instruction as well as distance education. The College also serves as a cultural and economic leader for all communities that lie within the District and embraces the opportunities afforded by its natural setting.

## STATEMENT OF VISION

Feather River College cultivates engaged citizens striving for a resilient, solution-based society. As a campus community, we aim to foster the values of education, service, and stewardship in our students, staff, and community. We will continue to develop our educational and co-curricular offerings to support our students' pursuit of sustainable, fulfilling, and dynamic lives.



## STATEMENT OF VALUES

### Develop the Mind

We believe that diversity of opinion on all issues helps develop the minds of our students so that they may make sound judgments of value in the continuing pursuit of lifelong learning.

### Celebrate the Individual

We celebrate the uniqueness of the individual by affirming that personal identity and cultural heritage are the base from which each person may aspire to any height.

### Strive for Excellence

We are committed to the creation of a quality learning environment, striving for excellence at all levels, fully supported by adequate resources, so that our students will have the best chance to learn.

### Open Doors

We pledge that the doors of opportunity and encouragement will be open to everyone who can benefit and that our guiding principle in approaching students is to provide accessibility to all that the college has to offer.

### Nourish the Community

As a member of our community, we take pride in affirming an active partnership in improving the quality of life and economic development in our area.

## INSTITUTIONAL CODE OF ETHICS

Feather River College (FRC) offers forth the following series of values to collectively serve as a Statement of Ethics for our institution. It is meant as an articulation of our collective ethics, and should guide the ethical deliberations of each member of the FRC community. While members of FRC differ in age, gender, race, ethnicity, religion, sexual orientation, political persuasion, and many other personal values, we agree on the following:

**A respect for persons:** The inherent importance of respecting persons implies recognizing that we are distinctive individuals with our own goals, beliefs, feelings, values and relationships, and that these have a vital place in one's sense of dignity and autonomy.

**Esteem for education:** Create a student-centered environment for teaching and learning, which emphasizes a respect for the institution and for the values of education and learning, and encourages the belief that access to education is a right and learning at the college level is a privilege and a responsibility.

**Collegiality and individual responsibility:** With respect for the individual, we also value collegiality, learning and decision-making under the umbrella of collaboration in support of institutional unity.

**Concern for the personal development of each member of FRC and the community it serves:** We encourage a nurturing environment and offerings that promote culturally enriched opportunities for the professional and personal growth of students, faculty and staff. In addition, we recognize the integral relationship between FRC and the community and the responsibility we share to promote diverse opportunities.

**Do no harm:** At Feather River College every effort is taken to avoid actions and policies that cause unnecessary harm to others. The college is committed to promoting increased individual self-worth, dignity and safety. All members at Feather River College have the right to learn and work in a safe environment free of discrimination. All members of the college community share the responsibility of refraining from activities that tarnish or degrade the image of the institution or any of its constituents, and of protecting the confidentiality of individuals.

**Fairness:** Evaluations of all members of the Feather River College community shall be based upon clearly stated criteria that are administered equally.

**Honesty and openness:** At Feather River College we encourage a respect for truthfulness. This includes the development and expression of intellectual honesty, honesty in relationships with others, and honesty in regard to oneself. We also encourage that honesty be expressed in the context of openness, and that differences in opinions be respected while working with others in the spirit of harmony and cooperation. We support decisions made by the majority while respecting the rules of democracy, and providing constructive analysis free of personal prejudices and biases.

**Freedom:** Members of the Feather River College community have the right to academic and artistic expression, which includes investigating and describing their values and beliefs, exploring and discussing controversial points of view, and advocating what they believe is in the best interest of the college. Students, in particular, have a right to be free from indoctrination and other forms of miseducation that fail to respect the autonomy of the student.

**Sense of place:** Feather River College is committed to creating a sense of place that integrates social, environmental and educational values. This includes the development of facilities, academic programs, curricula, and community projects to foster ethnic diversity, community congregation, historical and cultural celebrations, environmental explorations, and multi-discipline classes that bridge the varying backgrounds and interests of students and community members.

**Environmental stewardship:** Protecting the natural beauty of our unique location is paramount to the delivery of our academic programs. Because the Feather River College campus abuts other public lands, the campus community has an obligation to carefully manage its woodland location and natural laboratories. A respect for nature is a building block in the development of productive citizens.

**AP 3050 - Institutional Code of Ethics | Approved: November 14, 2005**

## ACADEMIC FREEDOM

Academic Freedom is a right enjoyed and valued by all members of the Feather River College community: faculty, students, classified and administrative staff, and trustees. Academic Freedom is defined as the freedom to teach and learn in an atmosphere of free inquiry and expression, including freedom in presenting and discussing subjects, as well as any other relevant matters, including controversial matters, as long as the difference between personal opinion and factual information is clearly delineated.

The Board of Trustees recognizes that Academic Freedom is necessary to the pursuit of truth and supports the principles of Academic Freedom enunciated in contracts negotiated between the District and bargaining units (e.g. Article 4 on Academic Freedom, Agreement between Feather River Federation of Teachers AFT/CFT, AFL-CIO and Feather River Community College District; and Article 4 on Academic Freedom Agreement between Feather River Federation of Teachers, Associate Faculty Chapter, AFT/CFT, AFL-CIO and Feather River Community College District) or, in the case of students, as outlined in the policy on Student Conduct and Academic Honesty.

**BP 4030 - Academic Freedom | Approved: February 15, 2007**



## FEATHER RIVER COLLEGE STUDENT LEARNING OUTCOMES

Students who complete a certificate or degree at Feather River College should be able to demonstrate that they have achieved the following student learning outcomes. Each academic program and student support service area has additional outcomes.

**1. Students will communicate effectively by:**

- Writing clearly and accurately in a variety of contexts and formats
- Articulating thoughts, ideas, concepts, and opinions verbally
- Reading, comprehending, and applying published ideas
- Listening and responding to others

**2. Students will demonstrate critical thinking skills by:**

- Applying principles of scientific and/or qualitative reasoning and logic to solve problems
- Evaluating strengths, weaknesses, and fallacies of logic in arguments and information
- Utilizing a variety of academic lenses to develop and employ a multidisciplinary worldview
- Applying knowledge and skills in real-life settings

**3. Students will locate, evaluate, and apply information by:**

- Using technologies to identify, access, evaluate and use information to accomplish a specific purpose or task (e.g., library and Internet search engines)
- Using social learning tools (e.g., systems that connect learners, instructors, and information: Moodle, SharePoint, Google docs, social software/media sites)
- Organizing information (e.g., creating and maintaining electronic organization system for files)
- Understanding the social and ethical issues surrounding the responsible use of information technology
- Demonstrating competency in concepts, terminologies, and applications (e.g., word processing, spreadsheets, databases, presentations, and web)
- Using technology to responsibly conduct academic-related pursuits (e.g. file the FAFSA, search and apply for scholarships and jobs, search and apply for transfer)

**4. Students will demonstrate a sense of personal and professional ethics by:**

- Accepting responsibility for their own actions
- Respecting and honoring diversity of individuals and ideas
- Exhibiting personal, professional, and academic honesty

**5. Students will develop a clear sense of self, purpose, and ability to achieve goals by:**

- Developing autonomy
- Prioritizing skills
- Advocating for self
- Delaying self-gratification
- Setting goals
- Using time management skills
- Accessing resources

**6. Students will demonstrate skills in relationships through interpersonal communication, compromise, teamwork, and collaboration.**

**7. Students will value their education, understand its privilege, and become responsible citizens by:**

- Participating in community service
- Respecting and questioning authority
- Expressing themselves creatively
- Being proactive in learning

## HISTORY OF THE COLLEGE

Based on a need for accessible community college education for the residents of rural Plumas County, Feather River College was created in 1968 as a satellite campus of the Peralta Community College District through annexation with the Plumas Unified School District.

Feather River College offered its initial academic program in September 1968, holding classes in the high schools of Plumas County. In August 1969, FRC moved to the Plumas County Fairgrounds where it remained until the college was established at its permanent site in April 1971. An extensive building program and aggressive recruitment program contributed to the College's steady growth.

In 1988, it was determined that the future of Feather River College and the needs of the citizens of Plumas County would best be served if the college became an independent, locally controlled community college district. Thus, in July 1988, Feather River College was de-annexed from the Oakland based Peralta District and the Feather River Community College District was formed. The first Board of Trustees was elected in November 1988.

Currently, the College offers 26 degree fields, 10 transfer degrees, and several short-term certificate options. Many students continue their education at four-year colleges or universities. All lower-division general education requirements and many introductory major requirements can be completed at FRC in preparation for a bachelor's degree. These transferable classes parallel the freshman and sophomore courses offered at four-year schools.

The College participates in intercollegiate athletics that includes men's and women's basketball, soccer, and rodeo, men's football and baseball, and women's softball, volleyball, cross country and track.

Feather River College continually strengthens the institution through technology by maintaining an integrated management and student information system, providing access to the Internet, e-mail and desktop applications, supporting wireless access throughout campus, and increasing the efficiency and effectiveness of instruction and student support through alternative delivery methods. In addition, FRC is a community leader in green energy and sustainability.

The College is fully accredited by The Western Association of Schools and Colleges.

## THE COLLEGE SETTING

Stretching over a mountainside richly forested with pine and oak, Feather River College is tucked away in one of California's hidden, quiet spots within Plumas County. Bordering Plumas National Forest, the 266-acre campus hosts a variety of wildlife including a resident deer herd. Far removed from the bustle of city life, the campus provides a sanctuary for self-discovery, study, and relaxation.

Plumas County is a land of majestic, snowcapped mountains, lush valleys and scattered small towns. The College is located within walking distance of the picturesque town of Quincy where 5,500 residents enjoy a peaceful, unhurried life style and exceptional services. Quincy's facilities include a library, hospital, theater, restaurants, churches, and shopping center. Recently, Quincy was voted as one of the "10 coolest small towns in America."

National forest covers about seventy percent of the county, creating a "million-acre classroom" — a natural laboratory for FRC's unique outdoor programs. Nearly 350 miles of marked trails wind through the area, including about 75 miles of the Pacific Crest Trail. In addition, over 1,000 miles of river and streams and more than 100 lakes provide a recreational wonderland.

Plumas County's four-season climate and miles of wide open spaces favor outdoor activities. Fall, summer and spring activities include hiking, biking, fishing, boating, tennis, golf, climbing, swimming, and horseback riding. When the snow falls, cross-country ski trails lead in every direction. Other local favorite activities include snow camping, ice skating, and snowmobiling.

## CAMPUS FACILITIES

In addition to the natural laboratory provided by the location of Feather River College, traditional facilities at the campus include:

- Lecture Classrooms
- Science Classrooms/Lab Facilities
- Art and Photography Laboratory
- Instructional Resource Center
- Learning Resource Center/Library
- Computer Labs – Open for Student Use
- High Tech Center with Adaptive Equipment, Alternate Media, and Assistive Technology
- Multipurpose Gymnasium
- Sports Complex with Baseball, Softball and Soccer Facilities
- All-Weather Track and Football Stadium
- Administrative and Student Services Offices
- Cafeteria and Student Lounge
- Campus Bookstore and Post Office
- Child Development Center and Preschool

The campus also features the following unique facilities:



**Equestrian Center and Rodeo Grounds:** Home to the Agriculture, Equine Studies, and Rodeo programs, the equine facility consists of an 80 x 100 ft. heated indoor arena, 150 x 300 ft. outdoor arena, several round pens, mechanical cow arena, over 60 individual student horse boarding stalls, more than 100 acres of pasture land, and miles of trails to explore. The equine facility has its own string of horses, young horses in training, broodmares, and AQHA registered stallions which students utilize while at Feather River College. The Rodeo Grounds include a complete rodeo practice facility consisting of 140 x 240 ft. arena, a 70 x 100 ft. turn-back pen for bulls, feedlot for practice livestock, 70 student horse boarding stalls, rodeo offices and a classroom.



**Fish Hatchery:** FRC is the only community college in California to operate its own fish hatchery. The on-campus hatchery provides practical hands-on experience in aquaculture methods. Students learn hatchery management by performing all the necessary tasks to operate an aquaculture facility—from hatchery site selection and collecting eggs to transporting fish for stocking. The new state-of-the-art recirculation system allows students to experience cutting edge technology used in aquaculture. The hatchery also offers several positions for student employment and volunteers. The experience students acquire will allow them to compete on a global scale for employment.

Most campus buildings are open from 7 a.m. to 10 p.m. Monday through Thursday, and 7 a.m. to 6 p.m. on Friday. Campus buildings are normally locked from 6 p.m. Friday to 7 a.m. Monday, except during weekend classes and special events. The campus is secured at the end of each day or evening session by college maintenance personnel, and is covered by a 24-hour-a-day security alarm for automatic response, which notifies the local law enforcement personnel.

## THE STUDENTS

Feather River College's average enrollment of 1,500 students allows for individual attention in the classroom and is embraced within our campus culture. This provides a unique opportunity for students to form lasting relationships. The College views its diverse student body as an important learning resource. The majority of students are from California and surrounding states. Students also attend from across the United States and overseas. As is the case with most California community colleges, some students are recent graduates from high school and others are returning after many years, balancing school with jobs and family obligations.

On campus, students enjoy a variety of extra and co-curricular activities designed to reflect the interests of the diverse student population. Activities include entertaining and educational events that promote cultural and social awareness. Events are presented by the associated student organization, other student driven clubs, the Diversity Committee, student support programs, music and drama classes, local artisan groups, and out-of-area performers.

## STUDENT RIGHT TO KNOW

**Completion and Transfer Rates:** Beginning in Fall 2009, a cohort of all certificate-, degree-, and transfer-seeking first-time, full-time students were tracked over a three-year period. Their completion and transfer rates are listed below. These rates do not represent the success rates of the entire student population at Feather River College, nor do they account for student outcomes occurring after this three-year tracking period.

Based upon the cohort defined above, a Completer is a student who attained a certificate or degree or became 'transfer prepared' during a three-year period, from Fall 2009 to Spring 2012. Students who have completed 60 transferable units with a GPA of 2.0 or better are considered 'transfer-prepared.' Students who transferred to another post-secondary institution, prior to attaining a degree, certificate, or becoming 'transfer-prepared' during a five-semester period, from Spring 2010 to Spring 2012, are transfer students.

**Completion Rate: 27.27% | Transfer Rate: 26.79%**

More information about Student Right-to-Know rates and how they should be interpreted can be found at the California Community Colleges "Student Right-to-Know Information Clearinghouse Website," located at [srk.cccco.edu/index.asp](http://srk.cccco.edu/index.asp).

**Campus Security Act:** Feather River College makes every effort to provide a safe and secure environment for all members of the college community; however, it is the policy of FRC that individuals have primary responsibility for taking care of their personal belongings. For more information about Feather River College's campus safety programs, visit the college website at [www.frc.edu/home/safety/safety\\_home.htm](http://www.frc.edu/home/safety/safety_home.htm).





**Campus Safety:** IN CASE OF EMERGENCY: Call 911

Feather River College asks that staff and students be aware of their surroundings and report unsafe conditions immediately to the Facilities Department at 530-283-0202, ext. 259 or 307.

All safety, student behavior, or operational questions or concerns should be directed as follows:

- 8:00am – 2:00pm, Monday through Friday, contact the Campus Switchboard at 530-283-0202, ext. 200
- 2:00 – 5:00pm, Monday through Friday, contact the Facilities Department at 530-283-0202, ext. 259/307
- 5:00 – 9:00pm, Monday through Thursday, contact the Night Administrator at 530-283-0202, ext. 270 or the Library Assistant at 530-283-0202, ext. 236



**Frequently Asked Questions Regarding Safety on Campus:**

**Q.** My class lets out after it is dark. What do I do if I feel uncomfortable walking down the hill when it's late and quiet?

**A.** Walk to the Library and ask the evening attendant to contact a custodian for an escort.

**Q.** What do I do if there is an emergency on campus?

**A.** Depending upon the emergency and time of day, First step: contact switchboard. Second step: contact the night administrator. However, you always have the right to call 9-1-1! It is better to be safe than sorry.

**Q.** What if there is a wild animal on campus?

**A.** Stay away from the animal. If it is a larger animal such as a bear, make noise and stay clear. Contact the night administrator.



**Crime Reporting Procedures:** Any criminal activity may be reported to the Switchboard Operator, 530-283-0202, ext. 200 who will immediately contact the Safety Officer, appropriate administrator or other responsible authority. Offenses requiring intervention by law enforcement agencies should be reported directly to the Plumas County Sherriff's Office by dialing 911.

Criminal actions occurring on campus should be reported immediately and directly by campus authorities to the Plumas County Sherriff's Office. Investigation and any subsequent action on reports of campus crime will be handled as required by law and the relevant local law enforcement agency. The College may elect to pursue administrative and/or disciplinary action consistent with Board Policies, Education Code and/or Penal Code against students who are found guilty of crimes committed on campus or at college events.

Feather River College's crime statistics are reported to the Department of Education website: [ope.ed.gov/security](http://ope.ed.gov/security). At this site search on: Feather River Community College District, Quincy, California



## OPEN ENROLLMENT

The policy of Feather River College is that, unless specifically exempted by statute or regulation, every course, course section, or class reported for state aid, wherever offered and maintained by the College, shall be fully open to enrollment and participation by any person who has been admitted to the College and who meets any course prerequisites.

**Non-discrimination:** It is the policy of Feather River College neither to discriminate against, nor exclude from participation in any benefits or activities related to registration, enrollment, or any other phase of the instructional program or student activities, any otherwise qualified person on the grounds of ethnic group identification, religion, gender, gender identities, sexual orientation, age, color, or physical or mental disability.

## ELIGIBILITY FOR ADMISSION

Feather River College accepts for admission:

- Anyone over 18 years old; or
- Anyone under 18 years old who:
  - Has graduated from high school, passed the California High School proficiency test, or has a General Education Development (GED) Certificate.
  - K-12 students with the approval of their parent/guardian and school principal.

## K-12 CONCURRENT ENROLLMENT

A K-12 student is under 18 and has not graduated high school. K-12 students must complete a *Special Co-Enrollment Student Permit* form to enroll. Forms are available from area high school counseling offices, Feather River College website, and the Admissions & Records Office. All K-12 students must have the approval of a parent/guardian, school principal/counselor, Feather River College counselor/advisor (academic classes only), and the Director of Admissions and Records. K-12 students may not enroll in more than 11 units for the fall and spring semesters, and 10 units for the summer session. Students below the 11th grade must also have instructor approval prior to enrolling for classes. Registration opens for Special Co-Enrollment the same date as non-matriculated new student registration. Please see the Academic Calendar for registration dates. The standard enrollment fee is waived for K-12 students. The health, transit, and course/material fees apply to all K-12 students.

All applicants who meet the eligibility requirements listed above will be accepted for admission to Feather River College. Prior to registration, new students must complete an *Application for Admission* available on the Feather River College website.

## RESIDENCY REQUIREMENTS

Feather River College accepts residents of California, out-of-state residents, and international students. Residency status is determined by the information provided by the student on the *Application for Admission*.

- **California Residents** pay no tuition fee; they pay only a standard enrollment fee mandated by the State.
- **Out-of-State Nonresidents** enrolling for 3.5 units or more pay a tuition fee **in addition to** the standard enrollment fee. Out-of-state students enrolling for fewer than 3.5 units pay **only** the standard enrollment fee.
- **International** students pay an out-of-state tuition fee **in addition to** the standard enrollment fee and are subject to additional admissions requirements as outlined later in this section.

## Residency Information

The California Education Code requires that Feather River College shall apply uniform rules determining a student's residency classification. Resident students are defined as those who are citizens of the United States and legal residents of the state of California who have lived in the state for at least one year and one day prior to the first day of instruction each semester, and intend to remain in the state for reasons other than education. Proof of residency and intent (such as a driver's license, tax return, or rent receipts) may be required by the Admissions & Records Office at the time of registration if there is a question of a student's residency.

- **Persons over 18 years old** have the legal right to establish their own residence for the purposes of admission. The year of residency must begin after the eighteenth birthday.
- **Persons under 18 years old** may establish residency in accordance with the listed criteria and the following:
  - Married minors may establish their own residence.
  - Unmarried minors derive residence from the parent with whom they are living. If the minor lives with neither parent, residency is derived from the parent with whom he or she last lived. The residence of an unmarried minor cannot be changed by his or her own act, by appointment of a legal guardian or by relinquishment of a parent's right of control.
- **Military personnel** stationed in California on active duty (not for educational purposes) and/or dependent children and spouses, are entitled to resident classification during their first year in the state. After one year, students must present documentation that verifies their intention to become a permanent California resident.
- **Permanent residence visa** holders who have lived in California for over one year qualify as residents. Documentation is required to establish residency. All other international students, except refugees and undocumented persons, are considered non-resident, international students.

## Non-Resident Students

Non-resident students are defined as those who have not resided in California for at least one year and one day prior to the first day of instruction each semester, or who do not meet other criteria as outlined above. Ed Code 68000-68075 and California Code of Regulations, Title 5, 54020-54024, state that there must be a combination of physical presence and evidence of intent to make California your permanent state of residency. The burden of proof to clearly demonstrate both physical presence and intent lies with the student. Students must submit a request for reclassification prior to the beginning of the semester for which the student seeks reclassification. International students cannot qualify for residency. More information is available on the FRC website or in the Admissions & Records Office.



## Appeal of Non-Resident Classification

Students who have been classified as non-residents have the right to review their classification and make a written appeal. Appeals are to be processed as follows:

1. The written appeal is to be submitted to the Admissions & Records Office within 30 calendar days of final notification.
2. The Admissions & Records Office will forward the appeal, within five working days of receipt, to the Chief Student Services Officer with a copy of the original residency questionnaire, and evidence or documentation provided by the student with a cover statement indicating upon what basis the residence classification decision was made.
3. Within 30 calendar days of receipt, the Chief Student Service Officer shall send a written determination to the student, which will state the specific facts on which the appeal decision was made.

## Incorrect Classification

If the college incorrectly classifies residency on the basis of false or misleading facts, students will be required to pay the nonresident fees.

## CALIFORNIA NONRESIDENT TUITION EXEMPTION FOR ELIGIBLE CALIFORNIA HIGH SCHOOL GRADUATES

(The law passed by the Legislature in 2001 as "AB 540")

### General Information

Any student, other than a nonimmigrant alien, who meets all of the following requirements, shall be exempt from paying nonresident tuition at the California Community Colleges, the California State University, and the University of California (all public colleges and universities in California).

### Requirements

- The student must have attended a high school (public or private) in California for three or more years, and
- The student must have graduated from a California high school or attained the equivalent prior to the start of the term (passing the GED at a California Certified Site or California High School Proficiency exam).

An alien student who is without lawful immigration status must file an affidavit with the college or university stating that he or she has filed an application to legalize his or her immigration status, or will file an application as soon as he or she is eligible. Students who are nonimmigrants, for example, those who hold F (student) visas, B (visitor) visas, etc., are not eligible for this exemption.

The student must file an exemption request including a signed affidavit with the college that indicates the student has met all applicable conditions described above. Student information obtained in this process is strictly confidential unless disclosure is required under law. Students eligible for this exemption who are transferring to another California public college or university must submit a new request (and documentation if required) to each college under consideration. Nonresident students meeting the criteria will be exempted from the payment of nonresident tuition, but they will not be classified as California residents. They continue to be "nonresidents."

The California Dream Application is for students who meet the qualifications of California AB 540. Both documented and undocumented AB 540 students can use the California Dream Application to apply for private scholarships administered by FRC, Cal Grants, Chafee Grants and the Board of Governor's Fee Waiver. The California Dream Application is available at [www.caldreamact.org](http://www.caldreamact.org).

## Procedures for Requesting Exemption from Nonresident Tuition

Complete a *California Nonresident Tuition Exemption Request* form. Submit it to the Admissions & Records Office with an official copy of your high school transcript. Additional documentation may be required. Call the Admissions & Records Office, 530-283-0202, extension 285, for additional information.

## INTERNATIONAL STUDENT ADMISSIONS

Feather River College encourages and supports students from other countries to apply to FRC. To be considered for admission an international student must submit a completed *International Student Admissions Application Packet*, supporting documents, and a \$25.00 processing fee to the Admissions & Records Office by May 15th for the fall semester and October 15th for the spring semester. The application packet is available online at: [www.frc.edu/admissionsandrecords/foreign\\_students.htm](http://www.frc.edu/admissionsandrecords/foreign_students.htm).

Students are required to submit the following information in English:

### International Student Admissions Application Packet

- Application for International Students (Form #1)
- Sponsor/Bank Statement of Financial Information (Form #2)
- Health Questionnaire (Form #3)
- Physical Examination form completed by physician (Form #4)
- Personal essay explaining educational goals (Form #5)

### Additional documents that must be included with the Packet

- High School, University, or College transcripts (in English)
- Verification of health insurance or purchase private insurance once in U.S.
- TOEFL score report - minimum computer-based test, 180; minimum written test (PLB), 500; minimum computer based test (iBT), 65
- Photo (passport size)
- Two letters of recommendation, one of which must be from a teacher with whom the student has studied recently, attesting to the student's ability to do college work

Completed application packets will be evaluated as they are received, on a first-come, first-served basis. If approved, an acceptance letter with a SEVIS Certificate of Eligibility (I-20) will be sent to the student. The I-20 form must be presented to the appropriate officials in order to obtain an F-1 Student Visa.

International students are required to have health insurance in order to be eligible for enrollment. Verification of health insurance must be submitted with the application packet or proof of private insurance purchased after arriving in the United States.

International students may not arrive more than thirty (30) days prior to the semester they are attending and must arrive in time to attend the New Student Orientation. On arrival, students must report to the Admissions & Records Office and present their Passport with their F-1 Visa and a computer printed Form I-94.

International students must be enrolled full-time with 12 or more units each semester and declare a program of study that is approved by SEVIS. Failure to maintain a full-time status may lead to dismissal from the College and possible deportation from the United States.

## International Student Tuition

International students must show sufficient funds to support themselves for each school year while in the United States on a Student Visa. International students pay a per unit non-resident tuition fee, a per unit resident enrollment fee, plus health and transportation fees as listed in the Class Schedule or on the FRC website. Fees must be paid in full by the first day of the semester of attendance.

International students may apply for an exemption from non-resident tuition fees through a competitive application process which considers both financial need and reasons for choosing to study at FRC. To be considered for an exemption, an *Application to Request Exemption of Nonresident Tuition Fees for Foreign Students* must be filed with the Admissions & Records Office by the due date. At the discretion of the District, exemptions are made pursuant to California Education Code, Article 9, Section 76140.

## International Student Employment

International students may work on campus. Off-campus employment must be approved by the Homeland Security Department. A request must be filed by the college and a fee is assessed, however the request does not guarantee that it will be approved. Students interested in requesting off-campus employment must consult with the Registrar or Chief Student Services Officer prior to applying for off-campus employment.

## STUDENT RECORDS

All student records at Feather River College are maintained in the Admissions & Records Office in accordance with the provisions of the Family Educational Rights and Privacy Act of 1974. Copies of the Act are available to students in the Admissions & Records Office. All rights apply equally to currently enrolled and former students.

## Right to Review and Challenge

Present and former FRC students have the right to inspect, review and challenge the contents of all educational records related to them. Students who wish to inspect or challenge their records must make a request in writing to the Chief Instructional Officer.

## Privacy Rights of Students

Education records will not be released to any individual or agency without the written consent of the student, with the following exceptions:

- A student's records are open to college employees acting in the course of their duties and to state and federal officials as defined in Section 54618 of the California Administrative Code.
- The College may grant access to individual student records for emergency purposes and for court orders as permitted in Sections 54620 and 54622 of the California Administrative Code.
- The College may release certain "directory information" unless the student informs the Admissions & Records Office within 10 days after courses begin that certain, or all, of such information cannot be released without the student's consent.

## Directory Information

Directory information is information contained in an education record of a student that would not generally be considered harmful or an invasion of privacy if disclosed. It includes, but is not limited to, the student's name, address, telephone listing, electronic mail address, photograph, date and place of birth, major field of study, dates of attendance, grade level, enrollment status, participation in officially recognized activities and sports, weight and height of members of athletic teams, degrees, honors and awards received, and the most recent educational agency or institution attended.

## Transcript Requests

- Transcript requests may be made by:
  - visiting the student portal (MyFRC) and selecting the first option "Requesting Transcript" for the first two free transcripts, or
  - selecting the second option for transcripts beyond the first two free, or
  - completing a *Transcript Request* form in the Admissions & Records Office.
- Financial obligations to the college must be cleared prior to receiving transcripts.
- Students can view and print unofficial transcripts through their student portal (MyFRC).
- There will be no charge for the first two official transcripts requested. Additional official transcripts will be made available for \$5 each. Additional fees are charged for official transcripts needed on a "rush" basis. Transcript fees are subject to change.
- Transcripts reflecting work completed at FRC prior to summer 1988 must be obtained from Peralta Community College District, 333 East 8th Street, Oakland, CA 94606.



## TUITION AND FEES

Current tuition, enrollment, health, transportation and other fees are listed each semester in the Class Schedule or can be found on the FRC Website at [www.frc.edu](http://www.frc.edu). Information on the estimated cost of attendance at FRC is found at [www.frc.edu/financialaid](http://www.frc.edu/financialaid).

Fees are due at the time of registration and/or before classes begin. A hold blocking registration, transcripts, and access to final grades will be placed on student accounts prior to subsequent enrollment for unpaid balances.

## FEE REFUNDS

### If the balance is \$10 or more:

Student fee refunds for full-term courses will be processed automatically by the college for 100% of the balance for full-term courses dropped through the second week of courses. No refunds will be issued for full-term courses dropped after the second week of courses.

Refunds for half-term courses will be automatically processed for 100% of the balance for half-term courses that are dropped through the first week of courses. No refunds will be issued for half-term courses dropped after the first week of courses.

Refunds for short-term courses will be processed automatically for 100% of the balance for short-term courses that are dropped prior to the first class meeting. No refunds will be issued for short-term courses dropped after the first class meeting.

**NOTE:** If a student receives financial aid and then totally withdraws or drops from all courses, the student may be responsible to pay back some or all the financial aid received.

**If the balance is less than \$10**, the amount will be credited to the student for the next semester. Credits not used in the following semester will be written off.

The college will automatically process a full refund if the college cancels a class.



## ENROLLMENT MADE SIMPLE

### STEPS 1-5 ARE REQUIRED FOR PRIORITY REGISTRATION

#### 1. Complete an Online Application to Obtain your Student ID Number

Apply at: [www.frc.edu](http://www.frc.edu), select "Click to Apply Now." Select "First Time User Account Creation." Complete all information as requested and then click "Application is Complete" to submit. Print the "Signature Page" with your 9 digit Student Identification Number. This number will be your "User ID" when you are ready to enroll in classes.

#### 2. Complete Orientation

Complete the Online Orientation on our website: [www.frc.edu](http://www.frc.edu). Scroll over "Future Students" and click on "Online Orientation." In addition, we encourage you to attend the on campus New Student Orientation held the Friday before classes begin. This is a great opportunity to learn more about Student Services and meet people.

#### 3. Send Transcripts

Notify your high school and/or previous college to send a copy of your Official Transcript to: FRC Admissions & Records, 570 Golden Eagle Ave, Quincy, CA 95971. You will be allowed to register initially with an unofficial transcript, but official transcripts must be received prior to registering for subsequent semesters, and for accepting transfer credit toward a degree.

#### 4. Take Assessment

Contact the Counseling/Advising Center at 530-283-0202, ext. 313 to schedule an ACCUPLACER Assessment Test. Assessments are designed to assess your skills in English or ESL, reading, and math. The results assist in building an appropriate schedule of classes. If you would like to freshen up or prepare, visit: [www.testprepreview.com/accuplacer\\_practice.htm](http://www.testprepreview.com/accuplacer_practice.htm) to take a practice test. FRC will also accept ACT, SAT, or COMPASS scores as an alternative to ACCUPLACER. Special testing accommodations are available for students with disabilities and limited English skills by advance appointment.

#### 5. Meet with your Academic Advisor or EOPS Counselor

While you are on the phone scheduling your assessment test, also schedule an appointment to meet with an Academic Advisor or EOPS Counselor. In the meeting you will review assessment scores, select courses, and develop a Student Education Plan (SEP) which identifies the courses you need to take to graduate based on your degree and transfer goals.

#### 6. Enroll in Classes Using your MyFRC Student Portal

Remember that 9 digit Student Identification Number? You need that number to log into your student portal. You can access your portal through the website; [www.frc.edu](http://www.frc.edu). Click on "MyFRC." Fill in your User ID (9 digit #) and PIN number. The first time you access MyFRC, your PIN will be your date of birth, MM/DD/YY. Click on the "Student" tab, click on the "Registration" link, and then go to "Look Up Classes." Enrollment is just a few clicks from there. Advisors can also walk you through this process.

#### 7. Pay Fees

You may conveniently take care of your bill online using a debit or credit card (Visa or MasterCard) or visit the Student Accounts Technician in the Admissions & Records Office.

## IMPORTANT THINGS TO CONSIDER

**Attend Day in the Mountains:** Plan to attend Day in the Mountains, which provides priority registration for new students starting in the fall. Assessment testing, meeting with an Academic Advisor in a group setting, enrolling in classes, and paying your fees can all be completed in one day. Day in the Mountains is typically the last Monday in April.

**Apply for Financial Aid:** Complete the Free Application for Federal Student Aid (FAFSA). The FAFSA can be completed online at [www.fafsa.edu.gov](http://www.fafsa.edu.gov). You can check the status of your application by logging onto "MyFRC." If you have questions, contact the Financial Aid Office at 1-800-442-9799, ext. 603. Also search and apply for scholarships by visiting the Financial Aid website at [www.frc.edu/financialaid](http://www.frc.edu/financialaid).

**Find Housing:** Information about on-campus student housing and rentals in the Quincy area is available on our website at [www.frc.edu](http://www.frc.edu). Scroll over "Future Students" and click on "Housing." On-campus housing fills up quickly, so apply early.

**Sign Up for an FRC Email Account:** Email is the primary source of communication between you and the FRC faculty and staff. To sign up, scroll over "Current Students" and click on "Request Network Account." Fill in the form and submit your request.

**Get an FRC Photo ID Card:** When you get to campus stop by the Admissions & Records Office to get your free student identification card. This card is updated each semester with a validation sticker and entitles you to bus services through Plumas Transit Systems for in-county travel, health services with Plumas County Public Health Agency, and discounts on campus as well as in the community.

**Get a Parking Permit:** If you plan to park on campus, you must purchase a parking permit in the Admissions & Records Office. This permit must be displayed in the lower left hand corner of your vehicle windshield.

## ENROLLMENT PRIORITIES

Enrollment priority is provided for students enrolling at Feather River College for the purpose of degree or certificate attainment, transfer to a four-year college or university, or career advancement.

Registration priority shall be provided to students who have completed orientation, assessment, developed a student education plan with a counselor/advisor, and are in good academic standing. The order of priority is listed below:

1. Active-duty military, veterans, foster youth, CalWORKS, EOPS/CARE, DSP&S
2. TRIO students
3. New students who meet the criteria above, and continuing students

Enrollment priority for any student shall be lost at the first registration opportunity for either of the following reasons:

1. The student is placed on academic and/or progress probation for two consecutive semesters and is subject to dismissal, **- OR -**
2. The student has earned 100 or more degree-applicable units at Feather River College excluding non-degree applicable English as a Second Language courses, basic skills courses, or special classes designed to address the educational limitations of students with disabilities excluding non-degree applicable English as a Second Language courses, basic skills courses, or special classes designed to address the educational limitations of students with disabilities.

Students who are placed on academic or progress probation, or who have earned 75% or more of the 100 unit limit will be notified of the potential for loss of enrollment priority.

## Enrollment Priority Appeals

Students may appeal the loss of priority enrollment status due to extenuating circumstances, or where a student with a disability applied for but did not receive reasonable accommodation in a timely manner. Contact the Admissions & Records Office for further information.

## CHOOSING COURSES

Every effort will be made by Feather River College to assist students in planning a program of study that will help them meet their academic and career goals. However, final selection of courses and completion of program requirements are the **responsibility of the student**.

Students are also responsible for maintaining standards of academic performance established for each course in which they are enrolled.

## Course Numbering System

The FRC numbering system generally identifies courses according to their basic purposes:

- 001-099 Associate Degree applicable, non-transferable
- 100-199 Freshman level transferable
- 200-299 Sophomore level transferable
- 300-399 Non-degree applicable, nontransferable credit

Contact the Advising/Counseling Office for specific course transferability information.

## Adding Courses

Registered students may add courses to their semester class schedules the first two (2) weeks of full-term courses. Specific deadlines for first and second 9-week and short term courses are published in the current Class Schedule, the Student Handbook and Day Planner, and the Academic Calendar. Approval from the instructor is required for all full courses. Students must bring a completed *"Add Authorization"* form to the Admissions & Records Office for processing. Students are expected to be on time for classes and attend all sessions of each course in which they are enrolled.

## Dropping Courses

Students may drop courses from their semester class schedule through 75% of the course duration with a grade of "W" indicating official withdrawal on their academic record (transcript). Withdraw grades (W) will be counted towards units attempted and future requests to repeat a course. Courses dropped during the first two (2) weeks for full-term courses and the published deadlines for the first and second 9-week and short term courses will not be recorded with a "W" grade and will be refunded 100%. Specific deadlines for dropping courses are published in the Class Schedule, the Student Handbook and Day Planner, and the Academic Calendar. Instructors may drop students for non-attendance up to 75% of the course; however, it is the **students' responsibility** to drop a course and failure to do so may result in a failing grade. Dropping courses may impact your financial aid; please contact the Financial Aid Office for additional information.

## Limitation of Load

Students may enroll for a maximum of 20 units per semester. To exceed the maximum unit enrollment students must petition and receive the approval of their Academic Advisor/Counselor. The *"Petition to Enroll for More than 20 Units"* form is available on the Admissions & Records webpage or at the Admissions & Records Office. Petitions must be processed by the Admissions & Records Office before enrolling for more than 20 units.

## Overlapping Courses

Students may not enroll in courses or labs that have overlapping meeting times. An *"Overlapping Classes"* form requesting exception to this rule must be submitted to the Admissions & Records Office. The instructor of the course for which hours will be missed must approve the hours missed and state on the *"Overlapping Classes"* form the dates, days, and times that the hours will be made up. The *"Overlapping Classes"* form is available on the Admissions & Records webpage or in the Admissions & Records Office.

## Attendance

Regular attendance promotes success in course work and students are expected to attend all sessions of each class in which they are enrolled. Instructors set an attendance policy for each class and have the option of including attendance as class participation criterion. Any student enrolled in a course who does not attend the first two class meetings without prior notification to the instructor may be dropped as a no show by the instructor without notice.

## Absence Due to Illness

Students should notify their instructors if they will be unable to attend class due to illness. Students are responsible for making arrangements with their instructors to complete missed coursework.

## Class Cancellations

Courses listed in the current Class Schedule are subject to cancellation based on low enrollment. If a class is canceled, fees will be refunded automatically and every effort will be made to reschedule students to meet their academic goals. Early registration and attendance at first class meetings will help ensure continuance of scheduled courses.

## Medical Withdrawal

Students may officially drop all courses through 75% of the course duration with a grade of "W" indicating official withdrawal on their academic record (transcript). Withdraw grades (W) will be counted towards units attempted and future request to repeat a course. After the 75% date, students may withdraw for medical reasons. Students must complete an *"Official Withdrawal"* form available at the Admissions & Records Office or on the Admissions & Records webpage, provide documentation from their doctor, and submit a completed *"Official Withdrawal"* form to the Admissions & Records Office for processing.

It is the **students' responsibility** to withdraw due to medical reasons and failure to do so may result in failing grades. All college property must be returned, and any outstanding debts to the college must be paid before the Admissions & Records Office will release FRC transcripts.

## Military Withdrawal

A student who is a member of an active or reserve U.S. military service and who receives orders compelling a withdrawal from courses may withdraw at any time during the semester and qualify for full refund of enrollment fees for any courses for which academic credit has not been awarded. The student must complete an "Official Withdrawal" form and verify military orders.

## Independent and Directed Study

A student may, because of special circumstances, prefer to take a regularly offered FRC course through **independent study**. A student may also wish to take additional coursework in a field of study after having completed the sufficient courses within the field of study (as determined by the faculty member in the discipline) through **directed study**. Students must petition for independent and directed study courses with their instructor and the instructor submits the form electronically to the Office of Instruction for approval. Once approved, the Office of Instruction will notify Admissions & Records with the Course Reference Number (CRN) and Admissions & Records will process the enrollment. An email will be sent to the student once the enrollment has been processed.

## Prerequisites

A prerequisite is a requirement for prior coursework, knowledge or skills that must be fulfilled by students before they may enroll in a course. Students who have equivalent experience may enroll in courses for which they have not fulfilled the prerequisite by consulting with their advisor. The advisor may consult with the instructor to determine if a prerequisite override is in the best interest of the student. If the advisor activates the override, the reason must be documented in the student's online record.

## High School Articulation

Feather River College and Plumas, Sierra, and Lassen County secondary schools have established several individual course articulation agreements in their vocational programs. The purpose of these agreements is to provide a smooth transition from high school to college, eliminate duplication of coursework, better utilize resources, and give high school students the incentive to begin education/training at advanced levels. Secondary students will receive college credit for articulated course(s) after demonstrating competency by examination or consultation or both, as determined by FRC. For more details, contact the FRC Instruction Office.



## Auditing Courses

Students may audit courses under the following conditions:

- Students are ineligible to enroll for credit because they have already taken a course the maximum number of allowable times, and
- The admission of audit students will not result in credit students being denied access.

**Auditing Registration Procedure:** Students must file a "Petition to Audit" with the Admissions & Records Office requesting permission to audit a course. The Admissions & Records Office must verify that the course has been taken the maximum amount of times. The instructor must sign the petition acknowledging that the student has his/her approval to audit the course. Auditing students will not be listed on the class roster. Final determination to permit a student to audit a course will be made by the Chief Instructional Officer, or a designee. Completed petitions must be submitted to the Admissions & Records Office for fee assessment.

**Audit Fees:** A fee of \$15 per unit will be charged to audit, except as noted:

- Students enrolled in 10 or more units of credit courses at FRC will not be charged to audit 3 or fewer units. They will be charged to audit more than 3 units at the \$15 per unit rate.
- Individuals who are not currently enrolled at FRC may audit courses, but must pay the health and transit fees. They may either pay the student health fee in addition to enrollment fees, or show evidence of medical and accident insurance.

**Audit Responsibilities:** Students who audit a course will be expected to participate in all class activities with the exception of examinations and must pay all course material fees.

## ALTERNATE WAYS TO EARN CREDIT

Feather River College recognizes the value of work completed at other accredited colleges and experience outside of the traditional classroom setting. Accordingly, college credit is awarded in the following areas.

### Transfer Credit

Students who have attended other colleges or universities may transfer credit to Feather River College. Transfer credits will be counted toward an associate degree or certificate if completed at a regionally accredited institution. To be eligible for transfer credit the student must be an admitted student working towards an associated degree or certificate, have all official transcripts on file in the Admissions & Records Office, provide a copy of the catalog description of the transferring course or a copy of the ASSIST Articulated Agreement, and submit a completed "Request for Evaluation of Transfer Coursework/Credit" form. The Registrar will evaluate transcripts and post eligible transfer coursework/credits to the student's Feather River College academic history.

**UP TO A MAXIMUM OF 32 ALTERNATE UNITS MAY BE AWARDED IN THE FOLLOWING CATEGORIES COMBINED.**



## Credit by Examination

Students are eligible to seek "credit by examination" in a maximum of six units worth of coursework if they:

- Are currently enrolled in at least one course other than the course to be challenged, have completed 12 units at FRC, and have a 2.0 or higher GPA in all college units attempted.

**- OR -**

- Have completed coursework for which an articulation agreement exists between FRC and the student's high school

Credit by examination will be based upon a comprehensive exam that is designed by the supervising faculty member to cover the content of the course. If a course includes extensive writing or laboratory exercises, these will be included in the comprehensive exam. There may be courses for which a comprehensive exam cannot be developed or administered. The student has the option of receiving pass/no pass, or a grade, and the course will be identified as a "Credit by Examination" on their transcript. Units for which credit is given shall not be counted in determining the 12 semester hours of credit in residence required for an associate degree.

Students may only challenge a course that is listed in the current catalog to be taken for credit by examination. Students may only challenge a course one time. If they fail the challenge, they will receive an F on their transcript; however, they have the option of repeating the course to remove the failing grade. Students may not challenge introductory or less advanced courses if they have successfully completed sequential, or the prerequisite courses, or advanced courses in the discipline. If a student has failed a course, he/she cannot challenge that course through credit by examination.

**Students must petition for "credit by examination" in the Admissions & Records Office during the first eight weeks of the semester in order to receive credit that semester. Exam fee is \$20.00 per unit and payable at the Admissions & Records Office before taking the exam.** The petition must be signed by an instructor qualified to teach the course a student requests and who has agreed to supervise the examination. Agreement to supervise the examination is at the discretion of the individual faculty member. Students should not enroll in the course that is to be taken through "credit by examination." Contact Admissions & Records for applicable fees.

## Military Service

Six (6) units of general elective credits will be awarded for a minimum of one year of active service. In addition, credit will be awarded for work at Military Service Schools according to the standards established in the American Council on Educational Guides. Equivalent course and unit credit will be offered for USAFI courses which parallel Feather River College offerings. Credits are posted to transcripts upon completion of all other graduation requirements. Students should request the Military Evaluation form from the Admissions & Records Office and attach copies of their DD214 and certificate.

## Advanced Placement Exam (APE) Credit

Feather River College awards credit for successful completion of certain Advanced Placement Examinations of the College Board. Students who submit Advanced Placement Score Reports, for specified tests with scores of three or higher, are granted up to 6 semester units of credit for each examination. College credits may be awarded for coursework applicable to degree and certificate requirements.

Duplicate credit will not be awarded in the same area for both the Advanced Placement Exam and the CLEP subject exams. In order to receive credit, students must request that official test results be mailed directly to Feather River College from the testing service. Credits are posted to FRC transcripts upon completion of all other graduation requirements.

## College Level Examination Program (CLEP)

**Subject Examination:** FRC will award up to six (6) units of credit for each College Level Examination Program subject exam, except English, passed at the 50th percentile level or higher.

**General Examination:** Students may earn four (4) units of ungraded, elective credit applicable to the associate degree for each General Examination completed successfully. Minimum scores required for successful completion are:

Humanities	489
Mathematics	497
Natural Science	489
Social Science	488

Duplicate credit will not be awarded in the same area for both the Advanced Placement Exam and the CLEP subject exams. In order to receive credit, students must request that official test results be mailed directly to Feather River College from the testing service. Credits are posted to FRC transcripts upon completion of all other graduation requirements.



## GRADING SYSTEM

Evaluation of student achievement is made in relation to the attainment of specific course objectives. At the beginning of each course, the instructor will outline the course objectives and explain the basis upon which grades will be determined.

Grade		Grade points per unit
<b>A</b>	Excellent	<b>4.0</b>
<b>A-</b>		<b>3.7</b>
<b>B+</b>	Good	<b>3.3</b>
<b>B</b>		<b>3.0</b>
<b>B-</b>		<b>2.7</b>
<b>C+</b>	Satisfactory	<b>2.3</b>
<b>C</b>		<b>2.0</b>
<b>D+</b>	Passing	<b>1.3</b>
<b>D</b>		<b>1.0</b>
<b>F</b>	Failing	<b>0.0</b>
<b>FW</b>	Failing Withdrawal	<b>0.0</b>

The following designations are not included in computing grade point averages (GPA), but may be used in determining progress probation and dismissal.

<b>P</b>	Pass (at least satisfactory, units not counted in GPA)
<b>NP</b>	No pass (less than satisfactory, units not counted in GPA)
<b>I</b>	Incomplete (units not counted in GPA)
<b>IP</b>	In progress (class extends beyond term)
<b>RD</b>	Report delayed (units not counted in GPA)
<b>W</b>	Withdrawal (units counted in attempted units and towards repeatability)

### Pass/No Pass

Students who do not wish to receive a letter grade may enroll in 3 units (or in one class exceeding 3 units) per semester on a Pass/No Pass basis.

- (P)** Credit will be awarded for work equivalent to a grade of "C" or better.  
**(NP)** No Credit will be given for "D" or "F" work.

- Students may not take courses in their majors on a P/NP basis except in cases where required courses are only available with a Pass/No Pass option.
- A maximum of 12 units of P/NP grades may be applied toward completion of the Associate Degree.
- Courses with P/NP grades may not be accepted by transfer institutions.
- Once the P/NP has been designated it may not be converted back to a letter grade.

Students who wish to be graded on this basis must change this grade mode on their student portal (MyFRC) no later than 30% of the duration of the course. P/NP grades will be recorded on the student's permanent record and unit credit will be awarded. P/NP grades will not be used to compute a student's grade point average. However, units attempted for which a NP grade is recorded will be used in determining progress probation and dismissal.

*\*Feather River College does not use non-degree applicable credit course grades in calculating students' degree applicable GPA (§55758.5(b)).*

## Repeatability of Courses

Some restrictions exist regarding the number of times a student is allowed to repeat a class. Generally, classes may be repeated when:

1. A substandard grade has been received;
2. Under special circumstances in which a C or better grade was earned.

Students wishing to repeat a course under these provisions must file a *Petition for Repetition* with the Admissions & Records Office prior to enrollment.

Courses in which a substandard grade (D, F, W, NP) was received may be repeated two additional times. The third attempted grade will be used in grade point calculation and considerations associated with the awarding of certificates or degrees. However, the previously recorded grade will remain legible on permanent records. A grade of withdrawal (W) earned on the third attempt will default to a failing grade (F) and calculate into the grade point average (GPA).

Courses in which a substandard grade was not received may be repeated under special circumstances. Special circumstances could include a long lapse between the time the class was first taken and the present, or the need to achieve a higher grade to qualify for entrance into a program. The new grade will be noted on permanent records, but the originally recorded grade will be used to calculate grade point average and in considerations associated with the awarding of certificates or degrees.

### Grade Point Average

A student's grade point average (GPA) is determined by the following formula:

$$\text{GPA: } \frac{\text{Total gpa hours}}{\text{Total points}}$$

GPA is computed on an individual semester basis and on a cumulative basis that includes all work completed at Feather River College. At the time of graduation, grades received for college-level work at other institutions will be calculated and included in an overall GPA.

### Grade Reports

Semester grades are usually posted by individual instructors within a week following final exams. Students may check grades on their student portal (MyFRC). Official grade reports are no longer mailed. Transcript of grades will not be released to students who have outstanding financial obligations to the college, unpaid library fines, parking citations, equipment holds, or returned checks.

### Grade Changes

The determination of the student's grade by the instructor shall be final in the absence of mistake, fraud, bad faith, or incompetence. A student who feels that an instructor has given an evaluative grade based on one or more of these conditions, and has evidence to substantiate the claim, may pursue an appeal by following the Student Complaint and Grievance Procedures. Students requesting a change of grade on the basis of mistake, fraud, bad faith, or incompetence must begin the appeal process within one year from the end of the semester in which the course was taken.

## Incomplete Grades

- An incomplete grade of "I" may be given by the instructor in the event of an unforeseeable emergency and justifiable reason if a student does not complete all requirements of a course in the regularly designated time period.
- Students requesting an incomplete grade must complete a *Request for Incomplete Grade* form available at the Admissions and Records Office. The *Request for Incomplete Grade* form is a contract between the student and instructor that outlines the conditions the student must meet to receive a final grade, and a deadline for completion. The form will be kept on file in the Admissions & Records Office.
- An incomplete grade should be made up by the date designated by the instructor, but in no case later than one year from the end of the semester during which the agreement was filed.
- If the conditions of the request are not met within one year, the "I" grade will be changed to the grade indicated by the instructor on the form, or an "F" grade will be recorded if the instructor has not indicated otherwise.
- When the student has completed the coursework, the instructor will assign the appropriate grade on a *Request for Grade Change* form and submit it to the Chief Instructional Officer for approval. The Instruction Office will forward all grade change forms to the Admissions & Records Office for processing. The incomplete grade will then be replaced with the appropriate final grade and will be notated on the transcript.



## Scholastic Honors

Feather River College recognizes academic Honors for each semester and through annual acknowledgment of those who graduate with honors. In order to be eligible for the Honors List a student must earn a grade point average of 3.2, or higher, in one semester where 12 or more units are courses evaluated with letter grades.

Students who have completed all graduation requirements and have achieved a specified cumulative grade point average (GPA), which includes a minimum of 48 units in courses evaluated with letter grades, may be awarded the following levels of honors:

<b>Honors</b>	3.2 to 3.399 GPA
<b>High Honors</b>	3.4 to 3.599 GPA
<b>Highest Honors</b>	3.6 to 4.0 GPA



## GRADUATION

To receive an Associate in Arts and/or Associate in Science degree or a Certificate students are required to submit a *Degree/Certificate Graduation Application* to the Admissions & Records Office by the end of the second week of the term for which they are applying. Students are advised to meet with an academic advisor their first semester to declare a major and complete a Student Educational Plan.

Official transcripts from all colleges previously attended must be submitted prior to the graduation review process. This process reviews coursework completed at FRC and, when applicable, applies transfer college coursework to the FRC's associate degree and major requirements. A *Request for Evaluation of Transfer Coursework/Credit* must be submitted to the Admissions & Records Office for review by the Registrar. Applicants will be notified of their transferring coursework/credits and eligibility for the degree.

The annual commencement ceremony is held at the end of the spring term. Students who have applied to graduate for the fall, spring, and summer terms are eligible to participate in the graduation ceremony. Students eligible to participate in the ceremony will receive information after their applications have been evaluated.

# FINANCIAL AID AND SCHOLARSHIPS

## FINANCIAL AID

The Feather River College Financial Aid Office has made every reasonable effort to ensure that the information published in this catalog accurately reflects current federal and state legislation. However, both federal and state financial aid legislation change frequently; check [www.frc.edu/financialaid](http://www.frc.edu/financialaid) and check with the FRC Financial Aid Office for the latest information.

*Financial Aid programs provide funds to students to help meet educational and living expenses while attending college.*

The Financial Aid Office is available to assist students in obtaining funds to help cover college costs. Financial assistance is available from the federal and state governments, Feather River College, and local organizations. Financial aid awards are generally based on the students' documented financial need, or in the case of scholarships, merit and/or need, and come in the following forms:

**Grants:** Federal or State assistance with no obligation for work or repayment.

**Scholarships:** Money that is awarded based on merit and/or need and does not have to be repaid.

**Work:** Federal Work-Study (FWS) provides part time job opportunities to students who have financial aid eligibility and show need. FWS gives students a chance to earn money to help pay for educational expenses and it provides valuable work experience.

**Loans:** Federal Subsidized, Unsubsidized and Parent PLUS loans must be paid back with interest.

Meeting college expenses is a cooperative effort between the student, the student's family, and the federal government. The student and the student's family have the primary responsibility for financing the cost of their child's education, to the extent that the family can contribute. The student shares in this responsibility and is expected to contribute from savings, employment and, if necessary, from loans.

Financial aid programs such as scholarships, Pell grants, work-study jobs, and other state and federal grants and loan programs are designed to help students meet educational costs including enrollment fees, books and supplies, living expenses, transportation, and miscellaneous expenses.

Students must complete the Free Application for Federal Student Aid (FAFSA) to be considered for federal and state aid. The application is submitted electronically at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). To qualify for federal and state aid:

- Students must be U.S. citizens or eligible noncitizens.
- Students must have Social Security numbers.
- Male students over the age of 18 must be registered with the US Selective Service.
- Students must have a high school diploma or its equivalent, a GED, or have completed a high school education in a state-approved home-school.
- Students must be enrolled in a program offered at FRC for the purpose of completing an AA/AS degree, a transfer program, or a certificate program **that is eligible for financial aid**. Some certificate programs are not eligible.

The California Dream Application is for students who meet the qualifications of California AB 540. Both documented and undocumented AB 540 students can use the CA Dream Application to apply for private scholarships administered by FRC, Cal Grants, Chafee Grants and the Board of Governor's Fee Waiver. The California Dream Application is available at [www.caldreamact.org](http://www.caldreamact.org).

**NOTE:** The California Dream Application is processed in a manner very similar to the FAFSA as described on the following pages.



## FINANCIAL AID APPLICATION AND PAYMENT PROCESS

1. Students must complete a Free Application for Federal Student Aid (FAFSA) to be considered for any type of federal financial assistance. To complete the FAFSA, students and parents must sign it electronically with their respective Personal Identification Numbers (PINs). The PIN can be obtained simultaneously as a part of the FAFSA application. This PIN will allow a student and/or parent to submit and sign an application electronically, make corrections, check the status of their application, and access a pre-filled renewal FAFSA. Applications of dependent students MUST include a parent's signature. The application or renewal application must be filed annually at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).

In order for FRC to receive the application, the FRC school code 008597 must be included on the FAFSA.

2. Students receive their Student Aid Report (SAR) from the federal government within a couple of weeks after submitting the FAFSA. If the student's email address is entered on the FAFSA, the SAR will be sent to the student via email. After reviewing the SAR any errors should be fixed immediately by making corrections to the FAFSA at [www.fafsa.ed.gov](http://www.fafsa.ed.gov).
3. Once FRC has received your official FAFSA from the federal government, the Financial Aid Office will send out an email confirming the FAFSA has been processed as well as instructions to login to MyFRC to check the list of Requirements. All students are required to answer online questions. Some students are required to submit additional information such as tax return transcripts and a verification worksheet if the federal government selected your file for verification. The award will be finalized only after all required documentation has been received and reviewed by the Financial Aid Office staff. Additional information may be requested at any time, and students are notified of eligibility changes, should they occur.
4. The Financial Aid Office disburses student aid into student accounts starting at the beginning of each term and continuing weekly throughout the year. The timing of any given student's aid disbursement depends on when the student completes the required documentation, when the Financial Aid staff is able to finalize the file, and on what type of aid the student is receiving.
5. Pell Grants are disbursed in two payments each semester. Loans for first-time borrowers are disbursed the sixth or seventh week of the semester. Also, single-semester student and parent PLUS loans are disbursed in two parts during the semester. Details are available on the Financial Aid Calendar available at [www.frc.edu/financialaid](http://www.frc.edu/financialaid).
6. Fees or charges owed to the college will be deducted from the financial aid disbursement and a refund will be issued to the student for any remaining balance. Financial aid refund checks are produced by Student Accounts and distributed by Admissions & Records; photo ID is required at the time of check pickup.

## FINANCIAL AID FUNDING PROCEDURE AND PRIORITIES

1. FAFSAs may be submitted throughout the award year; however, they should be submitted to the federal government by March 2nd prior to the start of the next academic year to ensure consideration for Cal Grants for California residents.
2. The Expected Family Contribution (EFC) is calculated based on the federal need analysis. Grant and Work Study aid is awarded on the basis of financial need, including the Pell Grant, Federal Work Study, CalWORKs and EOPS Work Study, and SEOG. The Cost of Attendance minus the EFC equals the student's financial need.
3. Priority in the awarding of Federal SEOG is given to those students who demonstrate exceptional financial need.
4. Federal student loans and parent PLUS loans are available to ALL students, regardless of need.

## FINANCIAL AID SATISFACTORY ACADEMIC PROGRESS POLICY

Federal regulations require that all students receiving Title IV aid meet or exceed the Financial Aid Satisfactory Academic Progress Policy established at that institution. It is the established policy at Feather River College that the Financial Aid Office will evaluate a recipient's progress at the end of each semester, including summer. This progress evaluation includes all semesters of attendance at FRC, regardless of whether or not a recipient received financial aid for those semesters. Progress also includes all units attempted at FRC and all units from other schools transferred to FRC, again, regardless of whether or not aid was received during the time the student earned the units. This policy also applies to state student aid, with the exception of the Board of Governor's Fee Waiver.

### Progress Standards

1. Students shall maintain a 2.0 or higher cumulative grade point average.
2. Students are required to maintain a satisfactory pace in progressing toward their certificate or degree. Pace is determined by computing the percentage from the academic record of cumulative units earned divided by cumulative units attempted. The resulting pace must be 67% or higher.
3. Remedial courses are included in the cumulative GPA and pace calculations along with all other courses.
4. Repeated coursework is treated the same way for Financial Aid SAP as it is for the academic transcript at FRC. Course attempts count toward the student's pace and maximum timeframe and the determination as to whether a course grade counts toward the GPA follows the college's policy.
5. Courses approved for academic renewal will be excluded from the GPA but the units will still count toward pace and maximum timeframe.
6. Students are expected to earn their certificate or associate degree before they have attempted 150% of the published length of the program.

AA, AS, Transfer:	90 attempted units*
Certificate Program:	52 attempted units*
LVN AS:	120 attempted units
LVN CERTIFICATE:	85 attempted units

(\*Maximum units may vary according to individual program)

7. Second Degree/Certificate Students. Students, who have previously earned a certificate or degree at FRC or at another school, must appeal for eligibility for aid at FRC for the new academic goal they have established, using the *Program Completion Appeal Form*.

"Attempted Units" are all courses the student has received a grade for on the transcript, including W, FW, F, IP, RD, I or NP grades. Grades of A, A-, B+, B, B-, C+, C, D+, D and P are considered units earned in determining the pace.

### Financial Aid Satisfactory Academic Progress Process

The FRC Financial Aid Office will evaluate students' academic progress at the end of each semester (fall, spring and summer) following the completion of the official posting of ALL grades for ALL students by the FRC Admissions & Records Office. Per Federal Regulations, for students enrolled in the next term, aid cannot disburse until the college's previous term's academic progress has been processed and posted. SAP is processed through a batch process, not individually.



#### Financial Aid Alert

As a courtesy, students who are close to reaching their maximum timeframe will receive an "alert" notice.

#### Financial Aid Warning

Students who drop below a cumulative 2.0 GPA and/or who do not earn 67% of their cumulative attempted units will be placed on Financial Aid Warning for the next semester they enroll at FRC.

Students on Financial Aid Warning will continue to receive their financial aid during the semester they are on warning. Students on Financial Aid Warning are encouraged to take advantage of the many resources FRC has to offer to assist students in being successful.

Students will be sent an email informing them of their Financial Aid Warning status. Students who are on Financial Aid Warning for a semester are expected to regain Financial Aid Satisfactory Academic Progress status by the end of that semester.

### Financial Aid Disqualification

The following will result in loss of eligibility for financial aid at FRC:

- Students who are on Academic or Progress Dismissal from FRC immediately become ineligible for financial aid.
- Financial Aid Warning students who do not meet both the minimum 2.0 cumulative GPA requirement and 67% pace at the end of their Financial Aid Warning semester.
- Students who have reached their maximum time frame.
- Students who have completed their program at FRC (earned their certificate or degree).
- Students who have earned an associate, bachelors or higher degree from another school in the U.S. or abroad.

Financial Aid Disqualified students will be sent an email informing them of their Financial Aid Disqualified status.

Disqualification from Financial Aid does not prevent students from enrolling without financial aid if they are otherwise eligible to continue their enrollment. The only type of aid that an enrolled, disqualified student will continue to receive is the BOG waiver if he/she is eligible for that waiver. If a disqualified student submits an appeal and the appeal is denied, the student is responsible for all charges incurred at FRC.

### The Appeal Process

Students with certain documented circumstances may file an appeal for reinstatement of financial aid. The following are examples of reasons for consideration of an appeal:

- Illness or accident of the student or immediate family member (documentation required)
- Death of an immediate family member (documentation required)
- Job transfer or a change in working hours that is initiated by the employer (documentation required)
- U.S. military service orders (documentation required)
- Additional time beyond 150% needed to complete educational program
- Student disqualified due to Program Completion for the first time who can document a very specific reason they are continuing their education at FRC

Students who are disqualified for the second time no longer have an appeal option except in the case of a student's documented medical emergency. Students whose disqualification is based on pace and/or cumulative GPA have the possibility of regaining eligibility (see the Regaining Eligibility section on the next page).

Financial Aid appeal forms are available in the Financial Aid Office and also on the Financial Aid website. Students must submit the appropriate appeal form, along with required supporting documentation, to the Financial Aid Office.

Appeals and all supporting documentation must be submitted by the established deadline for the semester. SAP appeal deadlines for each semester of the academic year can be found on the Financial Aid Calendar available at [www.frc.edu/financialaid](http://www.frc.edu/financialaid). Also on the calendar are the timeframes within which an appeal must be submitted with a completed Financial Aid Progress Report Form.

All incomplete or late SAP appeals will be denied.

The Financial Aid Appeal Committee will review each complete and timely appeal and will make a decision whether or not to approve the appeal and to restore the student's eligibility to receive financial aid at FRC. The student will be notified of the decision by email. Committee decisions are final.

### Financial Aid Probation

Students whose appeals are approved are placed on Financial Aid Probation for the next semester they enroll at FRC. Students on Financial Aid Probation will receive their financial aid during the semester they are on Financial Aid Probation.

Students who are on Financial Aid Probation for a semester are expected to regain Financial Aid Satisfactory Academic Progress by the end of that semester. Students on Financial Aid Probation who are given Academic Plans as part of the appeal approvals are expected to meet the requirements of their Academic Plans at the end of that semester.

Failure to meet the requirements of any Financial Aid Probation semester will result in automatic Financial Aid Disqualification at FRC. No additional appeals will be accepted, however students can regain eligibility as described on the next page.

### Grade Change

It is the student's responsibility to notify the Financial Aid Office of a grade change at the time it is made in the Records Office. The Financial Aid Office will evaluate the student's transcript to determine if they have regained financial aid eligibility due to the grade change.

### Regaining Eligibility

Students who fail to meet these Financial Aid Satisfactory Academic Progress Standards and who choose to enroll without benefit of student financial aid may request a review of their academic records after any semester in which they are enrolled (without the receipt of financial aid) to determine whether they have met the financial aid satisfactory academic progress standards. If the standards are met, financial aid eligibility is regained for the next semester of enrollment at FRC.



### COMPLETE WITHDRAWAL FROM CLASSES FOR A SEMESTER

Federal aid recipients who begin attendance in a given semester but who withdraw from school before completing 60% of the semester may be subject to repayment of federal aid, called "Return of Title IV Funds." "Withdrawal" includes students who submit withdrawal forms as well as students who drop all classes, are dropped by all instructors, or do not earn any units for the semester. The Financial Aid Calendar is available at [www.frc.edu/financialaid](http://www.frc.edu/financialaid).

Federal formulas are used to determine how much financial aid a withdrawn student has "earned," unearned funds must be returned. If the amount disbursed to the student is less than the amount the student earned, and for which the student is otherwise eligible, he/she may be eligible to receive a post-withdrawal disbursement.

Under federal regulations, the school and/or the student may be responsible for returning funds to the federal government.

### Funds the Student is Responsible to Return

Once FRC notifies the withdrawn student that s/he is responsible for repaying some of the aid previously received, the student will have 45 calendar days to (1) repay these funds to the college or (2) let the college know that they would like to make satisfactory repayment arrangements with the federal government. If the student does not take care of this matter within the 45 days, the matter will be referred to the federal government for collections, which will result in the student becoming immediately ineligible for Federal Aid at FRC and all other colleges in the country.

### Funds the College is Responsible to Return

The college will immediately return to the federal government any funds the institution is responsible to repay due to the student's withdrawal. FRC will then bill the student on the student billing account in order to recover funds returned to the federal government. In addition to owing monies to the college, a hold will be placed on the student's account, which will prevent registration and the release of transcripts. Funds owed the college that remain unpaid will be referred to collections.

### POSSIBLE OVERPAYMENT OF FEDERAL AND/OR STATE FINANCIAL AID DUE TO CHANGE IN ENROLLMENT

Each semester has a financial aid enrollment revision deadline. The amount of Pell Grant and Cal Grant a student is eligible to receive for the semester will correspond to the student's enrollment on the revision deadline. However, if a student receives financial aid based on a particular number of units and later drops units before a short-term class begins and/or is no show dropped from a class resulting in a reduction in level of enrollment, the student may owe a repayment. Summer has no revision deadline; all summer drops without a "W" impact summer eligibility. The Financial Aid Calendar is available at [www.frc.edu/financialaid](http://www.frc.edu/financialaid).

FRC will send emails to students who have received overpayments for the semester, notifying the students that they are responsible for repaying some of the aid previously received. Students with overpayments will have a specified time frame to (1) repay these funds in full to the college or (2) let the college know that they would like to make satisfactory repayment arrangements with the federal government. If the student does not take care of this matter within 30 days, the debt will be referred to the federal government for collections which will result in the student becoming immediately ineligible for Federal Aid at FRC and all other colleges in the country.

Contact the Financial Aid Office for more information on overpayment of funds and how it may affect your future eligibility for financial aid.

### FEDERAL PROGRAMS

#### Pell Grants

Eligibility for the Pell Grant is determined by the federal government from the FAFSA. The amount of Pell Grant a student is eligible for (if any) is directly correlated to the Expected Family Contribution (EFC). The Pell Grant has a lifetime maximum for each student of the equivalent of six full-time academic years (or 12 full-time semesters).

#### Supplemental Educational Opportunity Grants (SEOG)

Supplemental Educational Opportunity Grants are for students with the most financial need. Awards are made on a first-come, first-served basis until available funds are exhausted.

#### Federal Work Study (FWS)

The Federal Work-Study funding received by Feather River College is awarded to some of the students employed on campus who have financial aid eligibility and show need. Students are paid at least the current minimum wage.

#### Federal Direct Loan Program

Stafford Loans offered at FRC are Federal Direct Loans that are low interest loans made to students enrolled in at least 6 units (half-time enrollment). The loan funds come directly from the federal government, and are offered as subsidized and unsubsidized. Subsidized loans are offered to students with financial need; unsubsidized loans are available to all students. Students who borrow subsidized loans are required to earn their degree or certificate or transfer to a four-year school within 150% of the time required to complete their program at FRC. Not completing the program within the 150% timeframe results in the students' existing subsidized loans losing the subsidy and in the student no longer being eligible to borrow subsidized loans for the current program. Students must repay loans; Federal Direct Loans offer flexible repayment terms. Repayment begins 6 months after the student discontinues their study program, graduates, or drops below half-time enrollment.

### Federal Direct Parent PLUS Loans

Federal Direct Parent PLUS loans are available to assist families of dependent students in meeting the costs of education. The borrowers for these loans are the parents who apply for them, not the students. PLUS loans do involve a credit check through the federal government.

If a parent applies for and is not approved for a parent PLUS loan, the student is eligible for some additional student loan funds.



## STATE PROGRAMS

### Fee Waivers

Fee waivers are available as a credit for the enrollment fees. Supported by the California Community Colleges through the Board of Governors, fee waivers (BOGW) are available to all qualifying students who are California residents or who qualify under AB 540, regardless of how many units they are carrying.

Fee Waivers are applied for in three ways, either by submitting the FAFSA, the California Dream Application or the BOG application with supporting documentation. Students who apply for the BOG by submitting the BOG application with the proper documentation to the FRC Financial Aid Office will generally learn the outcome immediately.

Students qualify for a fee waiver if they meet one of the following criteria:

#### To Qualify for a BOGW under method A:

- The student (or student's family) is receiving TANF/CalWORKs, SSI, or General Assistance. Documentation: Verification that he or she is a current recipient of TANF/CalWORKs, SSI, or General Assistance. (SSDI does not qualify for a BOGW-A)

#### To Qualify for a BOGW under method B:

- The student (or student's family) meets specified income standards for the specified calendar year. Documentation of the student's or family's income is required.

#### To Qualify for a BOGW under method C:

- The student has filed a FAFSA and has at least \$1104 of need based on the Expected Family Contribution (EFC).

#### Special Qualifications:

- The student is the dependent of a deceased or disabled Veteran and meets the income criteria. This fee waiver is available through the local Veteran's Affairs office.
- The student is a recipient of the Congressional Medal of Honor or is a child of a recipient.
- The student is a dependent of a victim of the September 11, 2001 terrorist attack.
- The student is a dependent of a deceased law enforcement/fire suppression personnel killed in the line of duty.
- The student is the dependent or surviving spouse of a deceased or disabled member of the California National Guard.

### Cal Grants

Cal Grants are California state-funded grants that may be applied toward meeting educational expenses at California colleges. Students must complete the Free Application for Federal Student Aid (FAFSA) or the California Dream Application prior to the March 2nd deadline and be a California resident or qualify under AB 540.

#### Cal Grant A:

May be used at four-year colleges only, and may be granted and held in reserve for students attending community colleges with the intention of transferring. Grants are awarded based on merit as well as financial need.

#### Cal Grant B:

May be used at both two and four-year colleges, and may be awarded to part-time students. Grants are awarded based on merit, disadvantaged background, and financial need.

#### Cal Grant C:

For students enrolled in two-year vocational programs at two or four-year colleges. Part-time students may apply for this grant, which is awarded on the basis of financial need, vocational interests, and merit.

Students can check the status of their Cal Grant applications and awards at [mygrantinfo.csac.ca.gov/logon.asp](http://mygrantinfo.csac.ca.gov/logon.asp).

### Chafee Grants

The California Chafee Grant Program provides funding to current or former foster youth to use for career and technical training or college courses. The Chafee Grant Program, also known as the Education and Training Voucher (ETV), is a federally funded program and is subject to the availability of federal funds each year. Additional information can be found at [www.chafee.csac.ca.gov](http://www.chafee.csac.ca.gov).



## SCHOLARSHIPS

Feather River College and the FRC Foundation offer a variety of scholarships for students who are entering or transferring to FRC and for continuing students. The college offers a single application packet for students to use to apply for both college and FRC Foundation scholarships. Application packets for scholarships for the next academic year are made available to students each spring; all entering, transferring in and continuing students are encouraged to apply.

The FRC Financial Aid Office also makes applications available for outside scholarships from the local community and elsewhere when the sponsoring organizations provide the college with their information. In addition, Financial Aid maintains information on a variety of scholarship websites and search engines.

Scholarship applications and information are available both in the Financial Aid Office and on the Financial Aid website at [www.frc.edu/financialaid/Scholarshipinformation.htm](http://www.frc.edu/financialaid/Scholarshipinformation.htm).



## STUDENT LEARNING OUTCOMES FOR STUDENT SERVICES

1. Prospective students will learn about the unique opportunities and advantages available at FRC, and will make an informed decision to apply.
2. Students will demonstrate their ability to open the doors to education by learning how to access college resources, understanding their math, reading, and English needs, and using the tools available for self-registration.
3. Students will develop and demonstrate awareness in handling their financial responsibilities for all college expenses, and will take advantage of the resources to pay all expenses.
4. Students will develop resilience and resourcefulness empowering them to persist in attaining academic and personal goals.
5. Students will access available resources within the campus and community to enhance their sense of belonging.
6. Students will explore transfer options, write a student education plan, select a transfer institution, and successfully transfer and/or find employment in their field and advance in their career.

## ACADEMIC ADVISING/TRANSFER

Entering students meet with an advisor or counselor before registering to identify educational and career goals and to develop a schedule of classes and a long-range, individualized Student Education Plan (SEP). Assessment scores, high school and/or college transcripts are used to help in this process. Preparation of an SEP helps ensure that students will meet all associate degree, transfer and/or certificate program requirements in a timely manner. Students who have completed 15 units of college credit are required to have a completed SEP on file, which should be updated every semester. Student athletes and students receiving financial aid must have an SEP on file to maintain eligibility. Advisors/Counselors monitor the student's progress toward academic goals on an ongoing basis.

### Academic Advising

Academic advising is available to all students whether they have defined goals in a specific major or vocational subject area, or are undecided and need help selecting a program or major. Advisors will use the College Catalog to provide students with discipline-specific information that includes the sequence of courses necessary for graduation or transfer, and a clear outlook of career and employment opportunities in the student's major or interest area. Advisors are available on a drop-in or appointment basis.

An academic/athletic advisor specializes in advising student-athletes concerning NCAA I, NCAA II and NAIA transfer eligibility requirements and works to assure that student athletes remain eligible. All student athletes are required to have a completed Student Education Plan (SEP) on file their first semester. The SEP should be updated every semester.

Students should talk to faculty in their major about course sequencing, transfer options and employment opportunities in their field of study.

## Advising for Transfer

The FRC Transfer Center offers a variety of materials to help students make informed employment and educational choices. Assistance is available to help students, through interest, ability and value inventories, to determine their best career options and, therefore, their appropriate major. Once the student is ready to transfer, the Transfer Center sponsors activities that include hosting four-year college representatives, field trips to different colleges and universities, transfer workshops, transfer agreements, a catalog library, and assistance with web site navigation and other transfer questions.

**Transfer Program:** The Feather River College transfer program is designed for those students who would like to complete their first two years of college in an affordable, supportive, small school setting and then transfer to a four-year college to complete a bachelor's degree. The transfer program is designed to parallel lower-division courses offered for freshman and sophomore students at four-year colleges and universities. Lower-division college work consists primarily of general education classes which can be completed and certified at Feather River College. Because Feather River College is accredited by the Western Association of Schools and Colleges, all public California colleges and universities—and most other schools in the country—will accept these certified general education credits when a student transfers to another college.

Students may also complete a variety of lower-division courses at Feather River College that satisfy major requirements or prerequisites at the school to which they intend to transfer. Four-year institutions and their departments limit the number of units in a specific major which may be taken at the lower-division level. Transfer students should work closely with college advisors/counselors, and consult the current catalog of the college to which they wish to transfer, to identify specific lower-division major requirements and plan a course of study. The final responsibility for class selection and program completion rests with the student.

In general, California four-year colleges and universities require that students complete at least 60 transferable semester units at the community college before they transfer. Usually up to 70 units of community college credit may be applied toward a bachelor's degree, which generally requires 124-132 units. With careful planning, most Feather River College students can qualify for admission to full junior class status when they transfer to other colleges, and concurrently fulfill Associate Degree requirements for graduation from Feather River College.

**Transfer Classes:** Transferable FRC classes have course numbers that range from 100 to 299. Courses numbered in the 100's generally parallel those offered at the freshman level, and courses numbered in the 200's are generally sophomore level classes. If such courses meet the general education requirements at the transfer school, or are appropriate to a student's major, they will usually be accepted by the transfer school for full credit value. Occupational, vocational and technical courses numbered from 1-99 are Associate Degree applicable courses and generally not accepted by transfer institutions.

**California State University (CSU):** Students transferring to any campus of the California State University System can complete all 41 units of lower-division general education requirements at FRC. Students may accomplish this by completing the CSU General Education Breadth Requirements or by completing the Intersegmental General Education Transfer Curriculum (IGETC) before transferring.

A California Community College student applying for admission to the California State University in advanced standing will be given priority over all other applicants if:

1. He/She is a California Community College transfer student.
2. He/She has completed a total of at least 60 transferable units with a minimum GPA of 2.0 (certain majors and colleges may require a higher GPA) and is transferring with his/her General Education Certification.
3. He/She has completed as much lower division major prerequisite coursework as possible.

**University of California (UC):** Students transferring to a campus of the University of California may either fulfill the lower-division general education requirements of each individual campus or complete the Intersegmental General Education Transfer Curriculum (IGETC).

A California Community College student applying for admission to the University of California in advanced standing will be given priority over all other applicants if:

1. He/She is a California Community College transfer student.
2. He/She has completed a total of at least 60 transferable units with a minimum GPA of 2.4, and 2.8 for nonresidents, (certain majors and colleges may require a higher GPA) and is transferring with his/her General Education Certification.
3. He/She has completed as much lower division major prerequisite coursework as possible.
4. He/She has completed a Transfer Admission Agreement (TAG).

**Intersegmental General Education Transfer Curriculum (IGETC):** Completion of FRC courses that satisfy IGETC requirements will permit students to transfer from FRC to any UC or CSU campus without the need, after transfer, to take any additional lower-division general education courses to satisfy individual campus general education requirements.

**University of Nevada, Reno (UNR):** All undergraduates must complete the core curriculum to graduate from UNR. It is not necessary to complete all of the lower division core curriculum requirements at FRC before transfer to UNR. If you have a declared major, refer to the current UNR catalog for specific requirements in the core curriculum.

**General Education/Core Class Identification:** FRC classes that satisfy lower-division General Education requirements of California State Universities are designated by initial (CSU) in the course description section of this catalog below unit designations. The UC designation indicates a University of California transferable course.

## ACHIEVE CENTER - SSS/TRiO

**Student Support Services (SSS)** is a program of TRiO, a federally-funded student support program designed to assist first-generation, low-income and disabled students who plan on graduating with an associate's degree or certificate and transferring to a four-year university. TRiO provides students with a variety of services designed to create an academically focused environment. These services include:

- Academic, career and transfer advising
- Priority registration
- Study hall and computer lab
- Financial aid and scholarship information and guidance
- Student success workshops
- Four-year university campus tours
- Cultural events
- Tutorial services

Staff is available to discuss eligibility requirements for this comprehensive program and will make every effort to meet students' graduation and transfer needs. For more information please call 530-283-0202, ext. 221.

## CALWORKS

California Work Opportunities and Responsibilities to Kids (CalWORKs) provides support services for people who are receiving Temporary Assistance to Needy Families (TANF) and want to attend Feather River College.

Services include:

- Job development and placement
- Child care support and referral
- Academic advising and support
- Work study positions
- Referrals to campus and community services
- Information on Welfare Rights
- Supplemental Support Services such as transportation assistance and/or supplies not funded by the County.

Students may be referred by the County Welfare Department after they sign a "Welfare to Work Plan" or may be self-referred. Students who are attending school and need to file for public assistance should first see the CalWORKs Coordinator.



## CHILD DEVELOPMENT CENTER

Feather River College's Child Development Center provides a welcoming, nurturing, and engaging learning environment for preschool age children, ages 2-5 years. Children learn through a creative, play based process with several hands-on curriculum activities that are age appropriate to meet their individual needs. Areas of emphasis include social, physical, emotional, and cognitive development. The staff is professionally trained in Early Childhood Education. Three nutritional meals are served each day by an experienced cook. Eligible student parents or community parents may qualify for our grant. The CDC office will let you know if there is an opening for your child and your eligibility will be determined at that time. Students must be enrolled in 6 or more units with an educational goal. Full-day and part-day options are available. There are some openings available for community families who do not qualify for our grant. Call soon to be put on our waiting list. The CDC is open Monday through Friday. To register or to find out more about our preschool call 530-283-0521.

## DISABLED STUDENT PROGRAMS & SERVICES (DSP&S)

Disabled Student Programs and Services (DSP&S) offers assistance to students with temporary or permanent disabilities in order to ensure that all Feather River College classes, programs, services, and co-curricular activities are accessible to and usable by students with disabilities. The accommodations provided are intended to support student success and are individualized based upon the needs of each student. These services could include, but are not limited to:

- Priority Registration
- Registration Assistance
- Specialized Counseling
- Test Accommodations
  - Extended Time on Quizzes and Exams
  - Distraction Reduced Setting
  - Readers
  - Scribes
- Sign Language Interpreter
- Special Tutoring
- On Campus Mobility Assistance/Transportation
- High Tech Center/Instructional Media Lab
  - Adaptive Equipment, Alternate Media, & Assistive Technology  
WYNN Literacy Software; PEARL Camera; Kurzweil Text Scanner; Non Visual Desktop Access (NVDA) Open Source Screen Reader; ZoomText; Microsoft Speech Recognition; Balabolka Text-To-Speech Program; Learning Ally and Bookshare Digital Media Libraries
  - Assistive Technology Workshops
  - On Duty Staff Available to Answer Questions
  - Access to Instructional Media Network
  - Access to Internet and E-mail



### WorkAbility III

WorkAbility III (WAB) is a joint program between Feather River College and the State of California Department of Rehabilitation designed to increase employment opportunities for adults with disabilities. The program provides comprehensive pre-employment assessment and training for disabled individuals who are enrolled at FRC and who meet Department of Rehabilitation criteria. Services may include, but are not limited to:

- General Support Counseling
- Support Services and Referrals
- Financial Assistance for Books, Supplies, Mileage, and Tuition/Fees Not Covered by Financial Aid
- Liaison Services with the Department of Rehabilitation
- Job Search, Job Development, and Job Placement Activities
- Assistance in Resume and Cover Letter Preparation
- Assistance in Completion of Job Applications
- Instruction in and Practice for Job Interviews

## EXTENDED OPPORTUNITY PROGRAM AND SERVICES (EOPS)

Extended Opportunity Program and Services (EOPS) is a California state-funded program designed to offer additional financial assistance and special support services to help and encourage those students affected by social and economic disadvantages. EOPS is committed to helping students gain access to the resources they need to achieve their academic goals and to succeed in college.

To be eligible for EOPS, a student must be a California resident, maintain a 2.0 grade point average, be enrolled in a minimum of 12 units, demonstrate financial need by qualifying for a Board of Governors Fee Waiver (BOGW), and be determined by the EOPS staff to be educationally underprepared. Some services EOPS students may receive include:

- Educational and career guidance
- Transfer assistance
- Priority registration
- Textbooks
- Child care
- EOPS work study
- CARE services

These services are designed to be “over and above” the services provided to the general student body. The academic progress of EOPS students is regularly monitored. Students are required to submit one progress report each semester so that staff and faculty can offer immediate assistance when alerted to obstacles that might be hindering a student’s success.

EOPS applications are reviewed by the EOPS staff for program eligibility.

### Cooperative Agencies Resources for Education (CARE)

Cooperative Agencies Resources for Education (CARE) provides intensive support services to students who are single parents with at least one child under 14 years old and are receiving TANF. In addition to EOPS benefits, CARE students receive additional financial support to help with the costs of attending college.

Services include:

- Academic advising/counseling
- Child care assistance
- Books and supplies
- Mileage reimbursement
- Car repair up to \$100/semester,
- Meal tickets
- Cash grants

CARE students must be enrolled full-time in a vocational program likely to lead to employment and maintain satisfactory progress in all classes. Early application through the college EOPS office is advised. All CARE students must also be EOPS eligible.



## HEALTH SERVICES

Feather River College provides health services to all its students through a special arrangement with the Plumas County Public Health Agency (PCPHA). Licensed health care providers are available and offer counseling, health education, assessment and/or referral services that include, but are not limited to:

- Pregnancy testing, family planning, and referral as indicated.
- HIV antibody testing, counseling, and education and referral as needed.
- Assessment and referral to community health care providers or hospital emergency room as needed. The Plumas County Public Health Agency does not provide primary or emergent care for issues not in this list, including chronic pain or chronic medical case management.
- Tdap, MMR, Flu and HPV Immunizations for FRC students who qualify for the Vaccines for Children program.
- TB skin testing
- Assessment of health risk behavior, counseling, intervention and/or referral as needed.
- Counseling regarding lifestyle decisions toward greater wellness, including diet, exercise, healthcare intervention, and mental health referrals.
- Assessment of clients for sexually transmitted disease; information and/or referral as needed.
- Assistance in accessing Children Health Disability Prevention (CHDP) Services for eligible adolescents.
- Physical assessment; referral as indicated. Students who have received a physical assessment are allowed up to a maximum of two rechecks for blood pressure and urine checks only.
- Limited over the counter medications at no charge. PCPHA only prescribes medications, lab tests, x-rays or other diagnostic tests necessary for family planning, sexually transmitted diseases, and tuberculosis.

To receive services, students must show their FRC photo identification card with the current semester's validation sticker and they must make an appointment with the Plumas County Public Health Agency (530-283-6330).

Students are responsible for all costs as a result of referral visits, including but not limited to prescription medications, lab tests, x-rays, and any hospital emergency room or patient fees.

Students under the age of 18 must have parental consent to receive services, except family planning services, and must provide documentation of such consent before an appointment is made.

**Student Insurance:** The College provides students with limited secondary accident insurance coverage in the event of an injury occurring in the course of a college class or activity. All such accidents should be reported immediately to the instructor or staff member in charge of the class or activity, Athletic Trainer, or the Human Resources Office. **It is the student's responsibility to file any insurance claims with their primary carrier, then with the secondary accident insurance.** Claim forms and general information are available at the Office of Human Resources.

## INSTRUCTIONAL RESOURCE CENTER

The Instructional Resource Center (IRC) offers students a variety of services including individualized or group tutoring, writing critiques, instructional assistance in mathematics, the sciences and English as a Second Language as well as providing information on GED exam preparation. The IRC is staffed by professionals dedicated to helping students achieve academic excellence across the curriculum and personal success.

The tutoring program offers free individual or group peer tutoring in most subjects. This program is an excellent opportunity for students to hone their leadership skills and to gain pre-professional teaching experience by working on campus as tutors. Tutoring information and applications are available in the IRC.

All of the computers in the IRC are networked with the FRC Library, having full access to the Internet and FRC e-mail. Staff will provide students with instruction on finding relevant information for research papers and will assist students in outlining and drafting papers for any college class.

## LIBRARY

The library is a pleasant, comfortable, well-lighted facility with areas for group study and individual carrels for students to study or read for pleasure. An audio-visual room allows students to use the media collection in privacy without disturbing others and headphones are available for streaming media playback on the computer workstations.

Thirty computer workstations provide students with high-speed connection to the Internet and the local campus network. Wireless capability throughout the library allows students with their own laptops to access the Internet as well. Quality academic research can be performed using scholarly e-books and electronic databases accessible to students from both on and off campus (an FRC network account is required). Word processing, spreadsheet and other appropriate software applications are available, enabling students to perform research and write their assignments without leaving the library.

The library supports the college curriculum with a collection of over 23,000 books in hardcopy, 10,000 e-books, thousands of print and electronic periodical subscriptions, numerous state, local and national newspapers, and 8,500 video, DVD and streaming media selections. In locating relevant materials for research assignments, students may obtain assistance at the main desk of the library or schedule a research appointment with the library director. Subject-specific research orientations are also delivered in the classroom for courses that particularly emphasize scholarly research.

## RESIDENCE HALL

The Feather River College Residence Hall complex is managed by Feather River College. The student-exclusive, two-story apartment buildings are conveniently located a short, five-minute walk from the center of the Feather River College campus. A suite-style dorm design naturally blends into the nearby hillside, which provides a backdrop of towering pine and oak.

The Residence Hall supports the academic mission of Feather River College by providing living environments which enhance the educational and personal growth of FRC students.

Apartments are spacious; one-bedroom units are shared by two students, two-bedroom units are shared by four students. Because there is a high demand for student housing, all bedrooms are double occupancy. Co-ed apartment sharing is not allowed.

All the apartments feature one bathroom, a kitchen area, living room, dining area, utilities, Direct TV service, one bed per student, and private outside entrances.

On-site management includes at least one resident assistant in each building. Security patrols and student activities also combine to make the FRC Residence Hall an exceptional all-around housing value for FRC students.

For current student housing costs and detailed floor plan of one and two bedroom units, consult the FRC website at [www.frc.edu](http://www.frc.edu). For additional information contact the Residence Hall Manager at 530-283-9414.

## SEXUAL ASSAULT ADVOCACY

Plumas Rural Services provides free confidential counseling and advocacy to youth, ages 13-24, who have experienced or are experiencing dating violence, sexual assault, stalking, and/or domestic violence. For assistance from a paraprofessional counselor or to talk with an advocate, call or text their confidential line at 530-616-1480.

## STUDENT LIFE

### Associated Students of FRC (ASFRC)

The Associated Students of FRC (ASFRC) organization is an integral component of Feather River College's shared governance structure. Elected members serve on campus-wide committees and assist in organizing social and special interest activities. Elections for ASFRC executive officers are traditionally held in the spring. All students are encouraged to attend the open ASFRC meetings. The ASFRC schedule of meetings is posted at the Associated Student Office located on the lower level of the Campus Center.

### Intercollegiate Athletics

Feather River College participates in twelve intercollegiate sports. All teams except Football and Rodeo compete in the Golden Valley Conference of the California Community College Athletic Association (CCCAA). The Football team participates in the CCCAA Mid Empire Conference, and Men's and Women's Rodeo teams participate in the National Intercollegiate Rodeo Association.

- Football
- Men's Soccer
- Women's Soccer
- Men's Basketball
- Women's Basketball
- Men's Rodeo
- Women's Rodeo
- Baseball
- Softball
- Volleyball
- Women's Cross Country
- Women's Track

**Intercollegiate Athletic Eligibility:** Student-athletes are required to maintain the regulations established by the California Community College Commission on Athletics which include but are not limited to the following:

1. A student-athlete must be continuously and actively enrolled in a minimum of 12 credit units at his/her community college during the season of sport. Students dropping below 12 units are not eligible for competition until they are once again actively enrolled and attending class in at least 12 units.
2. Of the 12 units, at least 9 shall be attempted in courses counting toward the associate degree, remediation, transfer, and/or certification as defined by the college catalog and are consistent with the student-athlete's educational plan.
3. In order to continue athletic participation in any sport, the student-athlete shall maintain a cumulative 2.0 grade point average in accredited post-secondary coursework completed since the start of the semester/quarter of the first participation in any sport, regardless of the college attended.
4. To be eligible for the second season of a sport, the student-athlete must complete and pass 24 semester units, 18 units must be courses counting toward the associate degree, remediation, transfer, and/or certification with a 2.0 grade point average before the beginning of semester of the second season of completion.

**Note:** College units mentioned do not apply until the student has first participated in a collegiate sport.

**Transfer Rule:** A student transferring to a California community college for athletic participation purposes whose last competition was at another California community college must complete 12 units in residence prior to the beginning of the semester/quarter of completion for that college; a maximum of eight (8) units may be from courses completed during the summer session(s) or winter intersession(s). Transfer status is determined by where the athlete last competed, not necessarily where the student last attended. A *Student-Athlete Tracer Form* verifying attendance and competition in intercollegiate athletics and a transcript are required to determine eligibility.

**Late Registration:** A student athlete must be registered, enrolled, and attending class no later than four (4) weeks after the first day of class instruction in order to represent that California community college in athletic competition during that season.

**IMPORTANT:** The eligibility requirements are very rigorous. Athletes are strongly advised to become knowledgeable with them in order to avoid loss of eligibility. All interested students are urged to meet with the Athletic Advisor and/or contact the Athletic Department at the beginning of the school year to learn the requirements.

**FRC Athletic Participation Requirements:** The Feather River College Athletic Department requires the following processes be completed by each student-athlete prior to participating in any FRC athletic activity.

1. **Attend Mandatory Athletic Orientation** to obtain athletic rules and regulations, complete required forms, and become familiar with the Athletic Code of Conduct and individual Team Rules.
2. **Complete a Sports Physical** to be released to participate.
3. **Complete the Following Forms:**
  - Felony Form – must be currently Felony free.
  - Release of Liability Form
  - Travel Release Form
  - Release of Information Form
  - Eligibility Form 1
  - Tracers, if needed, along with official transcripts

### Feather River Fitness

Feather River Fitness (FRF) is a fitness and health center owned by the Feather River College Foundation and operated by Feather River College. FRF offers a full line of Cybex equipment, a strength training room, free weights, treadmills, elliptical machines and stationary bikes. The center also offers a full locker room with towel service, sauna, and Jacuzzi. An outdoor pool is available during the summer months. Group exercise classes are offered throughout the day, ranging from various levels of yoga, Pilates, Zumba, to a grueling hour of Chizzle and different core development classes. FRC students are offered memberships at a discounted rate.

### Student Activities

FRC sponsors a variety of extra and co-curricular activities designed to reflect the interests of a diverse student population. Several committees, clubs, and service areas plan entertaining and educational events such as cultural and social awareness programs, special topic presentations, dances, dinners, concerts, and recreational activities.

### Student Clubs

Student clubs are open to all students and provide an opportunity to pursue special interests with those who share them. Clubs may vary from year to year depending on student interests and their formation is actively encouraged. Clubs are required to have a club advisor (an FRC faculty or staff member), and must file for a club charter with the Associated Students of FRC. At least one club member is expected to attend ASFRC meetings on a regular basis to promote cooperative and coordinated activity planning among the various campus organizations. Clubs have access to special services provided by the Associated Students as well as free use of campus facilities for club events.

## VETERANS' BENEFITS AND SERVICES

**Location:** The Veterans Certifying Officials are located in the Financial Aid Office.

**Eligibility:** Feather River College has been approved by the U.S. Department of Veterans Affairs to offer benefits of higher education to veterans, reservists and eligible dependents (including step-child or adopted child). These benefits are available through the following programs:

- The Montgomery GI Bill (Chapter 30)
- Veterans Educational Assistance Program - VEAP (Chapter 32)
- Post-9/11 GI Bill (Chapter 33)
- Survivors' and Dependents' Educational Assistance Program (Chapter 35)
- Montgomery GI Bill - Selected Reserves (Chapter 1606)
- Reserve Education Assistance Program - REAP (Chapter 1607)
- Educational Assistance Test Program (Chapter 901)

**How to Apply:** There are three ways to apply for educational benefits:

- Online at [vabenefits.vba.va.gov/vonapp](http://vabenefits.vba.va.gov/vonapp)
- Plumas County Veterans Service Office 530-283-6275
- Feather River College - visit the Financial Aid Office

**Student Responsibilities:** Before benefits are received the student must provide the VA Certifying Officers with the following:

- Completed Educational Plan through an Academic Advisor
- Transcripts of all previous coursework
- A copy of your DD-214 (Veterans Only)
- Completed assessment test
- Any additional forms requested by the Certifying Official

Each semester the student must meet with:

- Certifying Officers to complete additional paperwork

**Report any changes in enrollment or academic status which may affect VA benefits to the Veterans Certifying Officials at FRC. When changes are not reported, the result is often underpayment or overpayment of VA benefits.**

**Benefit Coverage:** When applying for benefits the student must declare an eligible major. Payment of educational benefits is based on the number of units in which a student is enrolled. Benefits will be paid only for courses required for that degree. Once a satisfactory grade has been earned, the student may not receive benefits for a repeated course.\* Benefits are restricted on some types of courses. Students should always check with the Feather River College Certifying Officers before registering for courses.

**Satisfactory Academic Progress:** The Veterans Administration requires that veterans maintain satisfactory progress toward a degree. This includes maintaining a cumulative GPA of at least 2.0 and earning at least 67% of their attempted units. Veterans who become academically disqualified must follow the school's criteria for reinstatement after academic disqualification.

**\*Course Repetition:** A course may be repeated for VA benefits only if repetition is necessary to successfully satisfy specific major requirements. Veterans may repeat a class more than once and receive VA educational benefits if the condition which required the initial repetition still exists.

**College Fee Waiver Program for Veterans Dependents:** The dependent child, spouse or unmarried surviving spouse of a service connected disabled or deceased veteran may be entitled to tuition and fee waiver benefits at Feather River College. The program is administered by the California Department of Veterans Affairs. Eligible students do not need to be drawing the GI Bill, but may be required to meet certain income requirements to qualify. Applications are available at the Plumas County Veterans Service Office located at:

270 County Hospital Road, Suite 107  
Quincy, CA 95971

## WORK STUDY PROGRAM

On campus employment through the FRC Work Study Program is available to all students. The number of students seeking employment surpasses the number of positions available, so not every job seeking student is successful in securing a position. In order to qualify for the work study program, students must meet the following criteria:

- Must be enrolled in at least 6 units during fall and spring semesters.
- Must present appropriate documentation that establishes identity and employment authorization.

Additional information about the work study program and on campus student jobs is listed on the Feather River College website at the following link: [www.frc.edu/studentervices/studentEmploymentProg.htm](http://www.frc.edu/studentervices/studentEmploymentProg.htm). Jobs are labeled open or closed depending on their current status. Job descriptions linked to the job list show minimum qualifications and any preferred scheduling. Counseling/Advising Center staff is available to answer questions about work study.

In addition Counseling/Advising Center staff can provide information about part-time and temporary jobs available in the community. Students seeking summer employment or post graduate employment information may find listings in the Counseling/Advising Center and/or through their faculty advisor.



## ACADEMIC POLICIES & PROCEDURES

### Satisfactory Academic Progress (SAP)

Students are considered to be maintaining Satisfactory Academic Progress (SAP) when their GPA (Grade Point Average) is 2.00 or higher. Failure to make SAP will place the student in one or the other of the following four categories: Academic Probation, Progress Probation, Academic Dismissal or Progress Dismissal. For purposes of this section, semesters shall be considered consecutive on the basis of the student's enrollment pattern rather than a calendar pattern. For example, the semesters of a student enrolled fall, not spring, but again in fall are considered to be consecutive.



## Academic and Progress Probation Status

### Academic Probation 1 (on Probation for the 1st time)

A student, who has accumulated at least 12 semester units, as shown by the official transcript, shall be placed on academic probation if the student has earned a cumulative GPA of between 1.00 and 1.99 in units which were graded on the basis of the grading scale A, B, C, D, or F.

### Removal from Academic Probation 1

A student on academic probation status 1 shall be removed from probation if their cumulative GPA is 2.00 or higher at the end of their probationary semester.

### Academic Probation 2 (on Probation for a 2nd semester)

A student, who continues to have a cumulative GPA below 2.0 in the semester after being placed on academic probation status 1, will be placed on academic probation status 2.

### Removal from Academic Probation 2

A student on academic probation status 2 shall be removed from probation if their cumulative GPA is 2.00 or higher at the end of their probationary semester. If a student's cumulative GPA continues to be below a 2.0, the student will be placed on Academic Dismissal. (See the Dismissal section)

### Progress Probation

A student who has accumulated at least 12 semester units, as shown by the official academic record, shall be placed on progress probation when the percentage of all units in which they have enrolled in for which entries of FW, W, I, or NP are recorded reaches or exceeds 50 percent.

### Removal from Progress Probation

A student on progress probation shall be removed from probation when the percentage of total units completed is above 50 percent of all units attempted. Students will continue to be on Progress Probation until the number of completed units is above 50 percent of their attempted units. If a student completes less than 50 percent of his/her attempted units in 3 consecutive semesters (based on the student's enrollment pattern), he/she will be placed on Progress Dismissal. (See the Dismissal section)

## Academic and Progress Dismissal Status

### Academic Dismissal

A student who earns a GPA of 1.00 or less in 9 or more attempted units in any given semester will be placed on Academic Dismissal.

- OR -

A student who is on academic probation status 2 shall be subject to Academic Dismissal if the student earned a GPA of 1.99 or below in all units attempted in three consecutive semesters. Pass/No Pass grades do not affect Academic Dismissal.

### Removal from Academic Dismissal

A dismissed student may reapply for readmission by meeting with a counselor/advisor/ISP staff to develop a learning contract. At this time, one of the following criteria must be met:

1. Completion of five or more units (not to include P/NP classes) with a 2.0 or better grade point average in summer session, correspondence, or another accredited institution.
2. An absence of one or more semesters.
3. Successful completion of the class, "Successful Student" (College 100).

### Progress Dismissal

A student who has been placed on progress probation shall be subject to dismissal when the percentage of all units in which they have enrolled for which entries of FW, W, I, or PN are recorded in at least three consecutive semesters reaches or exceeds 50 percent.

### Removal from Progress Dismissal

A student on progress dismissal shall be removed from dismissal when the percentage of total units completed is above 50 percent of all units attempted. If a student completes less than 50 percent of his/her attempted units in a Progress Dismissal status, the student will not be allowed to register for the next academic term.

## Financial Aid Satisfactory Academic Progress

Satisfactory Academic Progress (SAP) for Financial Aid recipients is as follows:

- Students shall maintain a 2.0 or higher cumulative grade point average (GPA).
- Students are required to maintain a satisfactory pace in progressing toward their certificate or degree. Pace is determined by computing the percentage from the academic record of cumulative units earned divided by cumulative units attempted. The resulting pace must be 67% or higher.
- Remedial courses are included in the cumulative GPA and pace calculations along with all other courses.
- Repeated coursework is treated the same way for Financial Aid SAP as it is for the academic transcript at FRC. Course attempts count toward the student's pace and maximum timeframe and the determination as to whether a course grade counts toward the GPA follows the college's policy.
- Courses approved for academic renewal will be excluded from the GPA but units will still count toward pace and maximum timeframe.
- Students must not be in Academic or Progress Dismissal status from FRC.
- Students are expected to earn their certificate or associate degree before they have attempted 150% of the published length of the program.

*"Attempted units" are all courses the student has received a grade on for their transcript, including W, FW, IP, RD, I or NP grades. Grades of A, A-, B+, B, B-, C+, C, D+, D and P are considered units earned.*





### 1. Financial Aid Satisfactory Academic Progress Warning

Students who drop below a cumulative 2.0 GPA and/or who do not earn 67% of their **cumulative attempted** units will be placed on Financial Aid Warning for the next semester they enroll at FRC.

### Basis for FA Disqualification

Students who are on Financial Aid Satisfactory Academic Progress Warning and who do not meet both the minimum 2.0 cumulative GPA requirement and 67% pace at the end of their FA Warning semester.

Students who are on Academic or Progress Dismissal from FRC immediately become ineligible for financial aid.

### 2. Financial Aid Maximum Time Frame

Federal regulations state that students must complete their program before they reach the maximum time frame which is 150% of the published length of the program. Students who do not earn their degree or certificate or transfer by the time they have attempted 150% of the units required for their program will lose eligibility for aid at FRC.

### Basis for Disqualification

Students who have reached their maximum time frame will be disqualified from receiving financial aid at FRC.

### 3. Financial Aid Program Completion

Students who have completed their program at FRC by earning their certificate or degree will lose eligibility for aid at FRC.

### Basis for FA Disqualification

Students who have completed their program at FRC will be disqualified from receiving financial aid at FRC.

Also, students who have earned an associate, bachelors or higher degree from another school in the U.S. or abroad are disqualified from receiving financial aid at FRC.

## Academic Renewal

The purpose of Academic Renewal is to disregard a student's past substandard academic performance when such work is not reflective of their current demonstrated ability. It is based on the recognition that due to unusual circumstances or circumstances beyond the student's control, the past substandard work will negatively affect their academic standing and unnecessarily prolong the rate at which they complete their current objectives.

If specific conditions are met, Feather River College may disregard the grades earned during a particular period of time from all consideration associated with the computation of a student's cumulative grade point average (GPA). This process is limited to no more than 30 units of coursework taken at any college for graduation. These conditions are:

1. The coursework to be disregarded is substandard. The total GPA of the semester is less than 2.0 units.
2. A minimum of two (2) semesters with at least eighteen (18) units having been completed at Feather River College with a cumulative GPA of 2.0 or better subsequent to the coursework to be disregarded.
3. At least 12 months have elapsed since the most recent coursework to be disregarded.
4. All substandard coursework shall be disregarded except those courses required as a prerequisite or to satisfy a requirement in the student's redirected educational objective.
5. Credit for courses from other colleges or universities may be disregarded in order to meet the GPA requirements for an associate's degree or certificate of achievement toward graduation.

**NOTE:** It is important to understand that all coursework will remain legible on the student's permanent records (transcripts), ensuring a true and complete academic history. However, the student's permanent records will be annotated so that it is readily evident to all users of the records that the substandard units, are to be disregarded. This notation will be made at the time that the academic renewal has been approved by the Admissions & Records Office.

If another accredited college has acted to remove previous coursework from consideration in computing the grade point average, such action shall be honored in terms of its policy. However, such units disregarded shall be deducted from the 30 semester unit maximum of coursework eligible to be disregarded at Feather River College.

Students requesting removal of previous coursework for certificate or degree consideration must file a petition in the Admissions & Records Office. The petition shall outline the term or consecutive terms of coursework to be disregarded and shall include evidence verifying (a) that work completed during the period is substandard, and (b) at least twelve (12) months has elapsed since completion of most recent coursework to be disregarded.

The Chief Instructional Officer shall act on the petition and return it to the Admissions & Records Office for entry of the proper annotation on the student's permanent record. Academic renewal actions are irreversible.

**NOTE:** This policy does not directly apply to the Financial Aid Academic Progress requirements. The Financial Aid Academic Progress requirements must be met for students to qualify for financial aid. Students must submit financial aid appeals directly to the Financial Aid Office for reinstatement of their aid eligibility.

Additional information about Financial Aid Satisfactory Academic Progress and the Financial Aid Appeal Process is available in the Financial Aid section of this catalog and at [www.frc.edu/financialaid](http://www.frc.edu/financialaid).

## Academic Integrity

Students of Feather River College are expected to behave as responsible members of the college community and to be honest and ethical in their academic work. FRC strives to provide students with the knowledge, skills, judgment, and wisdom they need to function in society as educated adults. To falsify or fabricate the results of one's research; to present the words, ideas, data, or work of another as one's own; or to cheat on an examination corrupts the essential process of higher education.

The following guidelines will assist students in upholding academic integrity:

- Students assume full responsibility for the content and integrity of the coursework they submit and are responsible for adhering to coursework requirements as specified by the instructor in the course syllabus.
- Students must follow all written and/or verbal instructions given by instructors or designated college representatives prior to taking examinations, placement assessments, tests, quizzes, projects, reports, and other forms of evaluating student learning.
- Students may collaborate or cooperate with other students on graded assignments or examinations as directed by the instructor.

Any faculty member who has evidence of an act of dishonesty shall attempt to resolve the matter informally by speaking with the student, and may file a Student Incident Report with the Chief Student Services Officer (CSSO). Depending on the seriousness of the offense and/or the number of instances of academic dishonesty by the same student, the CSSO may take appropriate disciplinary action.

## Grade Changes

The determination of the student's grade by the instructor shall be final in the absence of mistake, fraud, bad faith, or incompetence. A student who feels that an instructor has given an evaluative grade based on one or more of these conditions, and has evidence to substantiate the claim, may pursue an appeal by following the Student Complaints and Grievance Procedure. Students requesting a change of grade on the basis of mistake, fraud, bad faith, or incompetence must begin the appeal process within one year from the end of the semester in which the course was taken.

## Limitations on Remedial Courses

Feather River College has established the following criteria for enrollment of students in remedial, pre-collegiate basic skills coursework:

1. The need for remedial coursework is determined through appropriate assessment instruments and advising process.
2. A student may not accumulate more than 30 semester units of remedial coursework at FRC.
3. Remedial coursework taken at another community college will not be included in the 30 units of remedial coursework permitted at FRC.
4. Students enrolled in one or more courses of English as a Second Language and students identified by the appropriate instruments, methods and procedures to have a learning disability are exempt from the 30 unit limitation.
5. A student who does not obtain full eligibility status for college level courses after completing 30 semester units shall be dismissed and referred to adult noncredit education courses. Dismissal shall be in accordance with the District's dismissal policy.
6. After dismissal, the student may, upon completion of the appropriate noncredit education courses or upon demonstration of appropriate college-level skills, request reinstatement. Reinstatement will be in accordance with the District's reinstatement policy.
7. Students should be aware that all remedial coursework may not be applied toward their degree.

## STUDENT POLICIES & PROCEDURES

The following policies and procedures pertain to conduct and should be noted by all students. The full text of these policies and procedures is located in Board Policy and Administrative Procedures and can be found on the FRC website at [www.frc.edu/administration/trustees/index.html](http://www.frc.edu/administration/trustees/index.html).

## Standards of Student Conduct

Admission to Feather River College carries with it the presumption that the student will conduct him/herself as a responsible member of the College community. Thus, when a student is admitted to and/or enrolled at FRC, the student likewise assumes the obligation to observe standards of conduct which are appropriate to the pursuit of educational goals. It is expected that each student will obey Federal, State, and local laws, will show respect for properly constituted authority, and will exhibit and maintain integrity and honor in all manners related to the College. Violations of student conduct and other disruptive behavior are reported to the Chief Student Services Officer who in turn may take appropriate disciplinary action when the conduct is deemed to be disruptive to the operation of the College.



## Student Complaints and Grievance Procedures

This procedure provides a prompt and equitable means of resolving general student complaints and grievances, and is available to any student who reasonably believes a college decision or action has adversely affected his or her rights as a student.

**All complaints or grievances about general harassment and unlawful discrimination and sexual harassment** are handled by the Director of Human Resources, who is the District's single point of contact for these issues.

**All complaints and grievances related to instructional issues** including grade changes are handled by the Chief Instructional Officer.

**All other general complaints and grievances** begin with an informal and confidential discussion with the Chief Student Services Officer (CSSO), or in the case the CSSO is the subject of the complaint, the Chief Instructional Officer (CIO). The CSSO will then determine how the complaint or grievance will be resolved, and follow the process through resolution according to prescribed timelines. If any administrator (Superintendent/President, Chief Instructional Office, Director of Facilities/CTO, Director of Human Resources/EEO, Athletic Director, Chief Financial Officer) receives a written complaint for any reason, the CSSO must be notified to assure all timelines are met, and resolution is logged in the student complaint log.

Students must notify the CSSO in writing of their intent to file a written complaint or grievance within 6 months of the incident(s). This written notification can be in the form of a letter or email to the CSSO.

Students must file a written formal complaint within 30 working days of notifying the CSSO using the *Student Complaint/ Grievance Form*, which can be obtained from the Student Services Office.

In order to maintain accurate records, administrators who receive a written complaint/grievance must provide a copy of the complaint to the CSSO within 5 working days of receipt. Upon receipt of a written complaint/grievance the CSSO or designee must complete an investigation and render a decision in writing to the student within 30 working days; OR in the case that this deadline cannot be met, the CSSO will notify the student in writing within 30 working days; OR, in the case the grievance/ complaint is the responsibility of another administrator, assure that all timelines are met according to policy.

## Discrimination and Harassment

It is the policy of Feather River College to provide an educational, employment, and business environment in which no person shall be subjected to unlawful discrimination and/or harassment of any kind, nor unlawfully denied full and equal access to the benefits of any program or activity of the College. Questions or disputes regarding the college's compliance with nondiscrimination policies, EEO, Title IX and Section 504/ADA should be directed to the Director of Human Resources. Individuals that believe they have been subjected to discrimination or harassment, including sexual harassment, should report their concerns to:

Director of Human Resources/EEO Officer  
570 Golden Eagle Avenue  
Quincy, CA 95971  
530-283-0202, ext. 280

## Free Speech Rights and Posting Signs

Students shall be free to exercise their rights of free expression, including but not limited to the use of bulletin boards designated for such use, the distribution of printed materials or petitions in those parts of the college designated as free speech or public forum areas that are generally available to students and the community, and the wearing of buttons, badges, or other insignia.

Speech shall be prohibited that is defamatory, obscene according to current legal standards, or which so incites others as to create a clear and present danger of the commission of unlawful acts on district property or the violation of district policies or procedures, or the substantial disruption of the orderly operation of the college.

Grounds and facilities of the college that are non-public forums and are not considered generally available to students and the community specifically include campus offices, classrooms, warehouses, maintenance yards, athletic fields, or locker rooms.

The use of areas that are generally available to students and the community are subject to the following:

- When distributing materials, persons shall not impede the progress of passersby, nor shall they force passersby to take material.
- Distributed materials that are discarded or dropped in or around the area other than in an appropriate receptacle must be retrieved and removed or properly discarded by those persons distributing the material.
- No persons shall touch, strike or impede the progress of passersby, except for incidental or accidental contact, or contact initiated by a passerby.
- Persons shall not use any means of amplification that creates a noise or diversion that disturbs or tends to disturb the orderly conduct of the campus or classes taking place at that time.
- No persons shall solicit donations of money, through direct requests for funds, sales of tickets or otherwise, except where he or she is using the areas generally available to students and the community on behalf of and collecting funds for an organization that is registered with the Secretary of State as a nonprofit corporation or is an approved Associated Students Organization or club.
- To the extent that the college is committed to providing space, situations with extreme repeatability can be reviewed by the Office of Student Services.

**Posting Signs:** Signs and announcements may only be posted on designated bulletin board areas with the prior, stamped approval from the Student Services Office. All materials shall clearly indicate the author or agency responsible for its production and must be removed after the posted removal date.



## Campus Regulations and Restrictions

**Alcohol and Illegal Drugs:** Feather River College is a Drug-Free Campus. Unlawful manufacture, distribution, dispensation, possession or use of a controlled substance as defined in Schedules I-V of section 202 of the Controlled Substance Act (231 U.S.C. 812), or unlawful use of alcohol, is prohibited on campus and at college-sponsored activities. Violators of this policy are subject to disciplinary action, which may include referral to an appropriate rehabilitation program, suspension, expulsion, or dismissal.

**Animals on Campus:** It is prohibited for any person to permit any pet or animal which is owned, harbored, or controlled by such person to be on the premises of the FRC campus, unless the animal is a guide dog for the blind, a service dog in the company of its owner, or unless the animal is participating in a college approved instructional activity with permission from the college administration.

Horses are not allowed on lawns or athletic fields unless the horse is participating in a college approved instructional activity with permission from the Director of Facilities. Damage caused by unauthorized activity of an animal on Feather River College property is the responsibility of the rider or individual in control of the animal.

**Children on Campus:** Children under the age of 16 who are not officially enrolled in classes, employed by the college, or participating in an organized activity targeted to children must be actively supervised by a parent, guardian, or responsible adult while on District property. Furthermore, children (as defined above) are not allowed in areas where their presence is disruptive or where health, safety, and liability risks are identified. Children are not permitted as passengers in any form of District transportation unless they are registered in the class or program for which the transportation is being used, including but not limited to golf carts, college vans, maintenance trucks, and buses.

**Computer and Network Use:** The ability to use Feather River College computing systems and software, as well as internal and external data networks, is an important privilege for all members of the College community. The preservation of that privilege requires that each individual faculty member, staff member, administrator and student comply with all established College policy and procedures for appropriate use, including all relevant federal, state, and local laws. These include laws of general application such as libel, copyright, trademark, privacy, obscenity and child pornography laws as well as laws that are specific to computers and communication systems, such as the Computer Fraud and Abuse Act and the Electronic Communications Privacy Act.

A copy of the Computer and Network Use Agreement is provided when individual network accounts are established. It is the duty of every College employee and student using FRC's computing resources to fully understand their responsibilities as stipulated in the Computer and Network Use Agreement. Violations of College procedures may result in progressive disciplinary action, including the loss of computer use privileges, dismissal from the College, and legal action. Additionally, specific violations may constitute a criminal offense.

**Firearms and Weapons:** Firearms or other weapons are prohibited on any property under jurisdiction of the District or in any facility of the District except for activities conducted under the direction of District employees as authorized by an official law enforcement agency.

**Smoking/Tobacco:** In the interest of promoting the comfort, health, and well-being of all students, staff, and visitors, and to maintain the safety of District facilities, Feather River College prohibits the use of tobacco in all public buildings, and prohibits smoking in College facilities and vehicles, within 20 feet of entrances, exits and operable windows, and on pedestrian pathways. Smoking is allowed at specially designated areas on campus grounds. Concerns about smoke and/or the use of tobacco-related products on campus should be directed to the Safety Committee.

## Parking Regulations

Students utilizing FRC parking facilities must purchase a parking permit. The permit must be displayed in the lower left hand corner of the vehicle windshield. Citations are issued for vehicles not displaying a valid parking permit.

Students are allowed to park only in designated parking areas. Parking in unauthorized areas is cause for having a vehicle towed at the owner's expense. Parking is permitted between the hours of 6 a.m. and 10 p.m. on designated class days. Hours are extended only for special college-sanctioned activities.

Parking or loitering on campus after 10 p.m. or after the conclusion of special events is prohibited. Overnight parking is prohibited without advance approval of the Business Office. Any vehicle left parked for more than 72 hours will be cited as abandoned and towed at the owner's expense.

In the event of mechanical failure, vehicles must be removed from college property as soon as possible. Vehicle repair, other than emergency repair, is prohibited in campus parking areas.

Students are urged to lock unattended vehicles. Parking on FRC property is at the risk of the owner. FRC assumes no liability for damage or theft of vehicles or their contents.

Students are to adhere to all traffic signs and posted speed limits. Maximum speed is 15 mph.

All student-operated motor vehicles must remain on paved campus roadways. All wheeled modes of transportation (including all vehicles, bicycles, motorcycles, skateboards and roller skates or blades) are prohibited in buildings and may not be ridden on campus paths, walkways, and grassy areas.

Special permits are required for any upper campus parking. Information is available at the campus switchboard or Maintenance Office.

FRC enforces traffic and parking regulations on-campus by the authority granted by the California Vehicle Code, section 21113. Violators are subject to citations.

The complete text of the FRC Vehicle Use, Parking and Traffic Regulations is available at the Business Office.

**Disabled Student Parking:** Any student or employee of FRC who possess a disabled permit/plate issued by the Department of Motor Vehicle can park in specially marked disabled spaces on campus. The CHP routinely patrol disabled parking spaces on campus and may require proof of disability. A disabled parking permit/plate does NOT guarantee or reserve a disabled parking space. These parking spaces are available only on a first-come, first-serve basis. Even though the college meets State of California requirements for the number of disabled parking spaces, the availability of these parking spaces may be insufficient at certain times of the day. DSP&S provides rides to the upper campus for disabled students. Please contact the DSP&S office at 530-283-0202, ext. 255 to make transportation arrangements.

A disabled parking permit does NOT entitle you to park in the spaces reserved for wheelchair-only parking, unless your permit specifically designates this type of parking. ANY vehicle in a wheelchair-only parking space will be ticketed unless that vehicle is specifically authorized to park in this space. Parking is prohibited in the loading zone in front of Human Resources. This is strictly for commercial purposes.

The disabled permit must be clearly displayed in the vehicle while the vehicle is parked in disabled parking spaces. If the permit is not displayed the student/employee will be held responsible for any parking ticket received.

Students/employees with a disabled permit/plate must also purchase and properly display an FRC parking permit.

## PHILOSOPHY AND RATIONALE FOR GENERAL EDUCATION

Feather River College, in its mission and goals statement, has made an institutional commitment to provide general education as an integral component of all degree curricula. The philosophy that underlies the provision of an undergraduate breadth requirement for students at Feather River College is that education should be based upon an essential or prescribed body of knowledge dealing with the heritage of humankind. FRC's rationale for a general education component is based on the objectives set forth in the President's Commission on Higher Education (1947). These are:

1. To develop for the regulation of one's personal and civic life a code of behavior based on ethical principles consistent with democratic ideals.
2. To participate actively as an informed and responsible citizen in solving the social, economic, and political problems of one's community, state and nation.
3. To recognize the interdependence of the different peoples of the world and one's personal responsibility for fostering international understanding and peace.
4. To understand the common phenomena in one's physical environment, to apply habits of scientific thought to both personal and civic problems, and to appreciate the implications of scientific discoveries for human welfare.
5. To understand the ideas of others and to express one's own effectively.
6. To attain a satisfactory emotional and social adjustment.
7. To maintain and improve one's own health and to cooperate actively and intelligently in solving community health problems.
8. To understand and enjoy literature, arts, music, and other cultural activities and expressions of personal and social experience, and to participate to some extent in some form of creative activity.
9. To acquire the knowledge and attitudes basic to a satisfying family life.
10. To choose a socially useful and personally satisfying vocation that will permit one to use to fulfill his/her particular interests and abilities.
11. To acquire and use the skills and habits involved in critical and constructive thinking.

## ASSOCIATE DEGREE REQUIREMENTS

To graduate with an Associate Degree from Feather River College a student must:

1. Complete a minimum of 60 semester units (or greater if required by the major). In order to submit a *Degree/Certificate Graduation Application*, a student must either: 1) have completed a minimum of 12 semester units at FRC and be enrolled at FRC during the semester the student submits the application, OR 2) have previously completed a minimum of 32 units of associate degree applicable units at FRC.
  - A minimum of 24 semester units of FRC General Education Core courses selected from areas A through F must be completed or completion of either the CSU Breadth Requirements or the IGETC.
  - Students must also successfully complete both English 101, Composition & Reading I, and one 4-unit Math course at the level of Math 18, Intermediate Algebra, or higher with a "C" or better grade in each.
  - Complete all courses required for the Major with a "C" or better in each course.
  - A maximum of 12 semester units of Pass/No Pass grades may be applied to the Associate Degree but no Pass/No Pass grades may be applied to courses required for the major except in cases where required courses are only available with a Pass/No Pass option.
  - A maximum of 16 semester units of Cooperative Work Experience (CWEE 102-122), or a maximum of 6 semester units of General Work Experience (CWEE 010) may be applied to the Associate Degree.
  - Students may count a maximum of 6 units of activity courses as electives towards the total number of units required for an Associate's degree. Students should be aware of transfer limitations on some activity classes. Please work with an academic advisor.
  - Courses numbered in the 300's and all noncredit courses may not be applied to the Associate Degree.
  - Students may use up to two (2) courses (not to exceed eight units total) required for their major to also meet General Education requirements. For majors requiring more than 21 units, students may use up to 3 courses (not to exceed 12 units total).
2. Maintain a minimum cumulative grade point average (GPA) of 2.0.
3. Submit a completed *Degree/Certificate Graduation Application* to the Admissions & Records Office before the published deadline. Following a review of the student record to determine that all requirements have been met, a letter will be sent to the student by the Admissions & Records Office with important graduation information.

## CERTIFICATE REQUIREMENTS

FRC offers an array of occupational certificate programs that provide a course of study preparing students directly for employment or self-employment upon completion of the program. Generally, certificate programs are developed through the collaboration of faculty and industry leaders who serve on Advisory Committees for the occupational disciplines. There are three types of certificates recognized by the College: Certificates of Achievement (usually 18 or more units), Certificates of Specialization (usually fewer than 18 units, not posted to the student's transcript), and Certificates of Completion (for non-credit certificates). Please work with your advisor and program faculty to establish an education plan that allows you to reach your goal.

In order to earn a certificate, you must meet the following requirements:

- No more than 50% of certificate's units may be taken at another college.
- Maintain a minimum cumulative grade point average of 2.0 for both Certificates of Achievement and Certificates of Specialization.
- All courses taken toward the completion of a certificate must be taken for a letter grade, except where courses are only available with a Pass/No Pass (P/NP) option.
- Submit a completed *Degree/Certificate Graduation Application* to the Admissions & Records Office before the published deadline. Following a review of the student record to determine that all requirements have been met, a letter will be sent to the student from the Registrar with important graduation information. Certificates will be mailed at the end of the semester during which they were completed.
- **Note:** for certificates that are not approved by the Chancellor's Office, if satisfying requirements for an Associate's Degree necessarily results in satisfying requirements for a certificate, only the Associate's Degree would be granted.

## CATALOG RIGHTS

Catalog rights refer to the right of every student maintaining continuous enrollment at FRC to choose one, and only one, catalog under whose course requirements the student is to be evaluated for the purpose of determining whether the student meets FRC graduation requirements. Students maintaining continuous enrollment may select the catalog which was in effect when the student initially enrolled at FRC or any catalog in effect thereafter through and including the semester when the student applies for graduation. Continuous enrollment in this instance is defined as completing at least one course in each academic year.



## MULTIPLE MAJORS

The following rules apply to granting multiple majors:

1. The General Education Core to be used must match those stipulated under Catalog Rights
2. Major course work may be divided into two parts:
  - Courses required for the major (core) and
  - Courses listed as electives for the major. A particular major may, for example, require 24 units of major core, and 6 units of major electives. By this policy, 2 major elective units used in one major may be used to satisfy elective units for other majors.
3. Course work applied to the General Education section, of an initial degree or majors may be used to satisfy the General Education section of multiple degrees or majors.
4. Additional degrees may be earned after the completion of a minimum of twelve (12) additional units of required courses in the subsequent major.



## FEATHER RIVER COLLEGE GENERAL EDUCATION REQUIREMENTS

### ASSOCIATE DEGREE

(Minimum 24 Units)

#### A COMMUNICATION 6 UNITS

A1 - English (ENGL) 101 (3 UNITS)  
 A2 - CRITICAL THINKING (3 UNITS)  
 English (ENGL) 102, 103, 119, 120  
 Philosophy (PHIL) 101, 102

#### B NATURAL SCIENCE 4 UNITS

B1 - LIFE OR PHYSICAL SCIENCE (must include lab)  
 Anthropology (ANTH) 120 and 120L  
 Biology (BIOL) 100, 102, 104, 106, 110, 112  
 Chemistry (CHEM) 100, 102, 104, 106  
 Environmental Studies (ENVR) 142 and 142L  
 Geology (GEOL) 102, 104  
 Physics (PHYS) 100 and 100L, 102, 104  
 Physical Science (PHSC) 100

#### B2 - MATHEMATICS 4 UNITS

Math 018, 110, 116, 202, 218, 220

#### C HUMANITIES 3 UNITS

Art 100, 107, 109, 116, 117, 122, 166, 172, 174  
 American Sign Language (ASL) 130, 132  
 Early Childhood Education (ECE) 166  
 English (ENGL) 128, 170, 180, 228, 245, 246, 252, 254, 256, 257, 277  
 Environmental Studies (ENVR) 102  
 French (FRN) 101, 102  
 Humanities (HUMN) 100, 101, 110, 112, 128  
 Music (MUS) 101, 110  
 Philosophy (PHIL) 100, 101, 102, 103  
 Spanish (SPAN) 101, 102  
 Theatre (THEA) 105, 106

#### D SOCIAL AND BEHAVIORAL SCIENCE 3 UNITS

Administration of Justice (ADMJ) 102, 112, 203  
 Anthropology (ANTH) 100, 103, 106, 120, 150  
 Biology (BIOL) 135  
 Business (BUS) 106, 108  
 Early Childhood Education (ECE) 153, 160, 162  
 Geography (GEOG) 104, 150  
 History (HIST) 102, 104, 108, 109, 110, 111, 112, 120, 130, 140, 160  
 Outdoor Recreation Leadership (ORL) 110  
 Political Science (POL) 101, 140, 160  
 Political Science/Environmental Studies (POL/ENVR) 180  
 Psychology (PSY) 102, 130  
 Sociology (SOC) 100, 102, 110, 150, 160

#### E AMERICAN INSTITUTIONS 3 UNITS

History (HIST) 108, 110, 140  
 Political Science (POL) 101, 140

#### F HEALTH & EXERCISE STUDIES 1 UNIT

Any Health and Exercise Studies activity course or Outdoor Recreation Leadership activity course or Agriculture Equine Studies (AGEQ) 103, Biology (BIOL) 135, Health & Exercise Science/Health (HES/HLTH) 100, Health & Exercise Science (HES) 105, Family & Consumer Sciences/Health & Exercise Science/Nutrition & Culinary Arts (FACS/HES/NCA) 170.

## CALIFORNIA STATE UNIVERSITY SYSTEM GENERAL EDUCATION BREADTH REQUIREMENTS

#### A COMMUNICATION IN THE ENGLISH LANGUAGE AND CRITICAL THINKING (one course from A1, A2, and A3) 9 UNITS

A1 - ENGL 118, 119, 120  
 A2 - ENGL 101  
 A3 - ENGL 102, 103, PHIL 101, 102

#### B PHYSICAL UNIVERSE AND ITS LIFE FORMS 11 UNITS

(one course from B1, B2, B3, and B4)  
 B1 - CHEM 100\*, 102\*, 104\*, 106\*, GEOG 102, GEOL 102\*, 104\*  
 PHYS 100, 102\*, 104\* PHSC 100, 120  
 B2 - ANTH 120, 120L\*, BIOL 100\*, 102\*, 104\*, 106\*, 110\*, 112\*, 210\*  
 B3 - One course from B1 or B2 must include a lab activity indicated by "\*"   
 B4 - MATH 110, 116, 202, 218, 220

#### C ARTS, LITERATURE, PHILOSOPHY, FOREIGN LANGUAGES 9 UNITS

(must include at least one course from each category)  
 C1 - ART: ART 100, 109, 116, 117, 122, 166, 172, 174, ENGL 128  
 HUM 100, 101, 128, MUS 101, 110, THEA 105, 106  
 C2 - HUMANITIES: ASL 130, 132  
 ENGL 170, 180, 228, 245, 246, 252, 254, 256, 257, 277  
 FRN 101, 102, HIST 108, 109, 110, 111, 112  
 HUMN 110, 112, PHIL 100, 101, 102, 103, SPAN 101, 102, 201, 204

#### D SOCIAL, POLITICAL AND ECONOMIC INSTITUTIONS AND BEHAVIOR, HISTORICAL BACKGROUND 9 UNITS

(no fewer than nine semester units, with courses taken in at least two disciplines)  
 D0 - Sociology and Criminology: SOC 100, 102, 150, 160, POL 160  
 D1 - Anthropology and Archaeology: ANTH 100, 103, 106, 150  
 D2 - Economics: BUS 106, 108  
 D3 - Ethnic Studies: ADMJ 203, ANTH 150, ECE 160, POL 140  
 D4 - Gender Studies: HIST 120, PSY 130, SOC 100  
 D5 - Geography: GEOG 104, 150  
 D6 - History: HIST 102, 104, 108, 109, 110, 111, 112, 120, 130, 140, 160  
 D7 - Interdisciplinary Social or Behavioral Science:  
 D8 - Political Science, Government and Legal Institutions: ADMJ 102, POL 101, 130  
 D9 - Psychology: ECE 153, 162, PSY 102

#### E LIFELONG UNDERSTANDING AND SELF DEVELOPMENT 3 UNITS

AGEQ 103, BIOL 135, HES 100, 113, 120, HES/NCA 170, PSY 102

*An activity course can count as no more than 1 unit for Area E, regardless of the unit value of the course.*

#### AMERICAN INSTITUTIONS EDUCATION CODE REQUIREMENT

EXECUTIVE ORDER 405 AMERICAN INSTITUTIONS: (One from each group)

*Note: May be completed prior to transfer.*

US - 1: HIST 108, 110  
 US - 2 and US - 3: POL 101 (satisfies both)

## INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from a community college to a campus in either the California State University (CSU) or the University of California (UC) system without the need, after transfer, to take additional lower-division, general education courses to satisfy campus general education requirements.

All courses must be completed with grades of "C" or better.

Consult with your counselor/advisor for more detailed information

### AREA 1: ENGLISH COMMUNICATION | 6-9 UNITS

CSU: Three courses required, one from each group below

UC: Two courses required, one from Group A and one from Group B below

Group A: English Composition - 3 units  
English 101

Group B: Critical Thinking – 3 units  
English 103

Group C: Oral Communication - 3 units (CSU only)  
English 120

### AREA 2: MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING | 3 UNITS

CSU/UC: One course from below

Mathematics: \*110, \*116, 202, 218, 220

### AREA 3: ARTS AND HUMANITIES | 9 UNITS

CSU/UC: Three courses from below, one must be from Arts and one from Humanities.

Arts:  
Art 100, 166, 172, 174  
English 128  
Humanities 100, 101, 128

Humanities:  
English 180, 245, 256, 257, 277  
History 108, 109, 110, 111, 112  
Philosophy 100, 102, \*103  
Humanities 110, 112

\*Indicates that transfer credit may be limited by either UC or CSU or both. Please see Assist for details at [www.assist.org](http://www.assist.org)

### AREA 4: SOCIAL AND BEHAVIORAL SCIENCES | 9 UNITS

CSU/UC: Three courses from at least two disciplines or an interdisciplinary sequence.

4A - Anthropology 100, 103, 106, 150,  
4B - Business 106, 108  
4D - History 120, Sociology 100  
4E - Geography 104, 150  
4F - History 108, 109, 110, 111, 112, 120, 130, 140, Sociology 100  
4G - Political Science 101, 130, 140  
4H - Early Childhood Education 162, Psychology 102  
4I - Sociology 102, 160, Political Science 160

### AREA 5: PHYSICAL AND BIOLOGICAL SCIENCES | 7-9 UNITS

CSU/UC: At least two courses, including one from 5A or 5B and one from 5C. One course must have a lab identified by "\*\*"

5A - Physical Science:  
Chemistry 100\*, 102\*, 104\*, 106\*  
Geology 102\*, 104\*  
Physics 100, 102\*, 104\*  
Physical Science 120

5B - Biological Science:  
Anthropology 120, 120L\*  
Biology 100\*, 102\*, 104\*, 106\*, 210\*

### AREA 6: LANGUAGE OTHER THAN ENGLISH | 4-5 UNITS

(UC Requirement Only)

Must complete two years of high school level work in the same foreign language with a grade of "C" or better OR earn a score of 3 or higher on the Foreign language Advanced Placement test OR 550 on the College Board Achievement Test in Foreign Language OR complete 4-5 units from the courses below:

American Sign Language 132  
French 102, 201  
Spanish 102, 201, 204

### U.S. HISTORY, CONSTITUTION AND AMERICAN IDEALS (CSU REQUIREMENT ONLY)

CSU: Two courses – one from Group 1 and POL 101. POL 101 satisfies CSU Groups 2 and 3.

NOTE: This requirement is NOT part of IGETC, but it may be completed prior to transfer.

CSU-Group 1: Historical development of American institutions and ideals (HIST 108, 110)  
CSU-Group 2: U.S. Constitution and government (POL 101)  
CSU-Group 3: California state and local government (POL 101)



## UNIVERSITY OF NEVADA, RENO

All undergraduates must complete the core curriculum to graduate from UNR. It is not necessary to complete all of the lower division core curriculum requirements at FRC before transfer to UNR. If you have a declared major, refer to the current UNR catalog for specific requirements in the core curriculum.

### AREA 1: WRITING | 6 UNITS

English 101  
English 102 or 103

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### AREA 2: MATHEMATICS | 3-4 UNITS

Math 108 and 110, 116, 218, 220

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### AREA 3: NATURAL SCIENCE | 6-8 UNITS

Two courses; one must include a lab and at least one must be from Group A

Group A: Biology 100, 102  
Chemistry 100, 102, 104  
Geology 102, 104  
Physics 102, 104

Group B: Anthropology 120 + 120L  
Physical Science 100

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### AREA 4: SOCIAL SCIENCE | 3 UNITS

Anthropology 100, 106  
Business 106, 108  
Geography 104  
Political Science 140  
Psychology 102  
Sociology 102

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### AREA 5: FINE ARTS | 3 UNITS

Art/Humanities 100  
English/Humanities 128  
Humanities 101

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### AREA 6: DIVERSITY | 3 UNITS

Will be satisfied with senior year capstone coursework.

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### AREA 7: WESTERN TRADITION | 9-12 UNITS

History 102*	3 units	History 109	3 units
History 104	3 units	History 111	3 units
History 108	3 units	History 112	3 units
-OR-			
Political Science 101	3 units		

\*An additional Western Tradition class will be required at UNR.

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### INTEGRATED CAPSTONE COURSES | 6 UNITS

Upper division core curriculum classes that must be completed at UNR.



## ACADEMIC MAJORS

# ACADEMIC MAJORS

Academic majors are offered in the following fields leading to Associate in Arts and Associate in Science degrees.

## ASSOCIATE IN ARTS (AA)

Administration of Justice  
Business  
Early Childhood Education  
Education: Liberal Studies Teacher Preparation  
English  
Equine Studies: Rodeo Skills  
General Studies:  
    Arts & Humanities  
    Social & Behavioral Sciences  
History  
Liberal Arts:  
    Fine Arts & Humanities  
    Social & Behavioral Sciences  
Nutrition, Food, & Culinary Arts  
Outdoor Recreation Leadership

## ASSOCIATE IN SCIENCE (AS)

Biology  
Environmental Studies  
Equine Studies:  
    Horse Training Skills  
    Pack Skills  
    Ranch Skills  
Health and Exercise Sciences  
Information & Communication Technologies:  
    Multimedia  
    Office Technology  
    Web Development  
Licensed Vocational Nursing  
Physical Science  
University Studies - Agriculture

## Transfer

If you are planning on transferring to a four year school, work with your advisor to make sure you address any general education requirements that you may wish to transfer from Feather River College. (Please see the IGETC or CSU Breadth or UNR General Ed transfer sheets.)

## TRANSFER DEGREES (T)

Administration of Justice: AS-T	History: AA-T
Anthropology: AA-T	Kinesiology: AA-T
Business Administration: AS-T	Political Science: AA-T
Early Childhood Education: AS-T	Sociology: AA-T
English: AA-T	Studio Arts: AA-T

**TMC Disclaimer:** There are some new TMCs that are currently under review by the California Community College Chancellor's Office. You may take courses toward the major's during this process. Please contact the program director for more information or work with an advisor before signing up for any classes.

## Associate in Arts for Transfer (AA-T) and Associate in Science for Transfer (AS-T)

The Student Transfer Achievement Reform Act (Senate Bill 1440, now codified in California Education Code sections 66746-66749) guarantees admission to a California State University (CSU) campus for any community college student who completes an "associate degree for transfer", a newly established variation of the associate degrees traditionally offered at a California community college. The Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing these degrees (AA-T or AS-T) are guaranteed admission to the CSU system, but not to a particular campus or major. Students transferring to a CSU campus that does accept the AA-T or AS-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major).

The following are required for all AA-T or AS-T degrees:

1. Completion of a minimum of 60 CSU-transferable semester units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor or advisor for more information.
3. Completion of a minimum of 18 semester units in an "AA-T" or "AS-T" major as detailed in the Academic Majors section of the catalog. All courses in the major must be completed with a grade of C or better or a "P" if the course is taken on a "pass-no pass" basis (title 5 § 55063).
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) (see page 75 for more information); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern (see pages 76-77 in the catalog for more information).

Students should note that no more than 60 units are required and that no additional requirements will be imposed by Feather River College. In addition, no remedial or non-collegiate level coursework will be counted in the total units for the degree.

This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor or advisor when planning to complete the degree for more information on university admission and transfer requirements.

## Degree

A.S.-T Administration of Justice

## Certificate of Achievement

Forensic Crime Scene Investigation

Many career opportunities are open to students who complete the Administration of Justice Program, which is designed to prepare students for employment following graduation or for transfer to a four-year college or university offering an upper division major in Administration of Justice.

Curriculum covers prevention, discovery, control and treatment of crimes and criminals, evidence collection, criminal law, community relations and other elements of the profession. Professionally rewarding jobs are available in local, state and federal law enforcement.

## ASSOCIATE IN SCIENCE: ADMINISTRATION OF JUSTICE FOR TRANSFER

### Major Core Requirements

	UNITS
ADMJ 102 Introduction to Administration of Justice	3
ADMJ 204 Criminal Law and Procedure	3

### List A (Select 6 units, or 2 courses, from below)

ADMJ 105 Community and Human Relations	3
ADMJ 106 Introduction to Evidence	3
ADMJ 108 Introduction to Investigation	3
ADMJ 105 Community and Human Relations	3
ADMJ 106 Introduction to Evidence	3
ADMJ 114 Juvenile Justice	3
ADMJ 120 Introduction to Corrections	3
ADMJ 126 Crime Scene Investigation	3

### List B (Select 6 units, or 2 courses, from below)

SOC 102 Introduction to Sociology	3
PSY 102 Introduction to Psychology	3
ADMJ 112 Introduction to Criminology	3
ADMJ 116 Vice, Narcotics and Organized Crime	3
ADMJ 118 Police Field Operations	3
ADMJ 125 Wildlife Laws and Issues	3
ADMJ 128 Introduction to Terrorism	3
ADMJ 203 Introduction to Multiculturalism	3

**Total Major Requirements.....18**

## To earn an A.S.-T in Administration of Justice:

1. Complete major requirements as outlined above.
2. Complete CSU General Education Breadth or IGETC requirements.
3. Complete transferable electives so that major units, plus GE units, plus transferable elective units total sixty (60) units or higher.

## CERTIFICATES OF ACHIEVEMENT

### Forensic Crime Scene Investigation (See note below)

	UNITS
ADMJ 108 Introduction to Investigation	3
ADMJ 126 Forensic Crime Scene Investigation	3
ADMJ 204 Criminal Law and Procedure	3
ANTH 200 Forensic Anthropology	3
ART 150 Introduction to Photography	3
- OR -	
ICT 141 Digital Imagery	3
- OR -	
ICT 151 Video Production	3

### Major Electives (Select 4 units, or 1 lecture with lab, from below)

ANTH 120/120L Physical Anthropology and lab	4
BIOL 100 Concepts in Biology	4
BIOL 110 Human Anatomy	4
CHEM 102 General Chemistry I	5

**Total Certificate Requirements.....19**

### Program Narrative

The Administration of Justice Program at Feather River College is designed to give students a basic foundation in the three major areas of the criminal justice system: law enforcement, courts and prosecution, and corrections. Students entering this program may consider careers as police officers, corrections personnel, probation and parole officers, juvenile officers, wildlife enforcement officers, and other social services positions.

Program courses will acquaint students with the American Justice system as well as some comparative systems world-wide. Students will study causes of crime and the roles of administration of justice practitioners in responding to criminal acts. Criminal law and evidence procedures are themes found in most courses. The program at FRC also includes the study of terrorism, crime scene investigation and multiculturalism.

The Administration of Justice Program provides transfer opportunities to four-year universities in the areas of Administration of Justice, Criminal Justice, and Public Administration.

### Student Learning Outcomes

- **Communication:** Written and oral communication skills in disciplines and professions related to the Criminal Justice System. This includes the ability to convey information and work effectively with groups of varying sizes, as well as different audience levels.
- **Multidisciplinary perspective:** The ability to speak the language of the various disciplines representing the Criminal Justice System keeps graduates competitive in an increasingly interrelated and competitive market.
- **Knowledge:** A quantitative and qualitative understanding of how the Criminal Justice System functions, how technology is used, how public policy drives the system, and how the various system components ensure safe and high-quality communities.
- **Application skills:** Proficiency in disciplines related to the Criminal Justice System is an outcome of quality practice. Investigative skills are taught and practiced regularly at FRC, both in mock crime scenes and the classroom.
- **Professional ethics:** Ethical considerations of all related Criminal Justice System disciplines will be the focal point of AJ students' studies. Ethical considerations are the very core of decisions involving police powers. FRC students are encouraged to question the intended and unintended consequences of the Criminal Justice System.
- **Understanding multiculturalism:** An appreciation for responsibly interacting and respecting the diverse populations of the community, understanding the tensions that may exist between minority communities and the police, striving toward a balance between meeting today's needs for law enforcement and respecting human rights.



## AGRICULTURE

RUSSELL REID  
530-283-0202, EXT 272

### Degree

A.S. University Studies - Agriculture  
A.S. Equine Studies

### Certificate of Achievement

Equine Studies

### Certificate of Specialization

General Agriculture  
Ranch Technology  
Fundamentals of Ranch Skills  
Fundamentals of Pack Station & Stable Operations  
Fundamentals of Horse Training Skills  
Fundamentals of Rodeo Techniques

The Feather River College Agriculture Department specializes in teaching general agriculture, equestrian and rodeo skills to provide students with a hands-on agriculture education at a state-of-the-art facility. Students can gain both an associate of science degree and/or a certificate in several areas in the field of agriculture with an emphasis on the equine industry. These degrees will prepare Agriculture graduates for a variety of employment prospects and the opportunity to transfer to a four-year university. The major areas of emphasis include general agriculture, agricultural science, ranch technology, horse training, rodeo, ranch skills, and pack skills.

### ASSOCIATE IN SCIENCE: UNIVERSITY STUDIES-AGRICULTURE

To complete General Education requirements for the University-Agriculture Studies Degree, students must:

1. Choose the General Education pattern related to your educational goal:
  - A. Minimum units to meet FRC General Education requirements minimum of 24 units
  - B. Minimum units to meet CSU-GE breadth certification requirements 41 units
  - C. Minimum units to meet IGETC certification requirements 35-45 units
2. AREA of EMPHASIS: Choose an area of emphasis either General Agriculture or Agricultural Science 18 units
3. Complete any electives necessary to total 60 transferable units required by the Universities.

Students should consult with Feather River College (FRC) Agriculture Department advisors to prepare a Student Education Plan to ensure the students' courses will satisfy certification, degree and/or transfer requirements. It may be beneficial to contact the four-year institution where the student intends to transfer to accurately determine the ideal course of action to earn a Bachelor's degree. Students may substitute other courses related to their educational goals or to satisfy transfer requirements to other specific four-year institutions upon the recommendation of the Agriculture academic advisor.

### CHUCK MILLS

530-283-0202, EXT 261

### JESSE SEGURA

530-283-0202, EXT 306

### CRYSTAL ANDERSON

530-283-0202, EXT 272

## MAJOR CORE REQUIREMENTS: AGRICULTURE

Area of Emphasis: Select 12 units from one of the two areas of emphasis, listed below, to complete your major requirements. Then select 6 units from any of the courses listed under **General Agriculture, Agricultural Science, the Agriculture electives**, or any other General Education courses to fulfill transfer requirements to a four-year institution and/or Agriculture career goals.

### General Agriculture

	UNITS
AG 270 Fundamentals of Agriculture Education and Employment	.5
AG 271 Agriculture Education and Employment	.5
AGAB 110 Introduction to Agriculture Business	3
AGAB 112 Agriculture Sales & Communication	3
AGAB 150 Agriculture Computer Applications	3
AGAB 188 Farm Management	3
AGMA 108 Tractor Operation	3
AGMA 116 Agriculture Welding	3
AGMA 146 Introductory Agriculture Structural Technology	3
AGMA 160 Introduction to Mechanized Agriculture	3
AGPS 210 Introduction to Soil Science	3

### Agricultural Science

AG 270 Fundamentals of Agriculture Education and Employment	.5
AG 271 Agriculture Education and Employment	.5
AGAB 150 Agriculture Computer Applications	3
AGAS 120 Introduction to Animal Science	3
AGAS 125 Animal Feeds and Nutrition	3
AGEQ 102 Elements of Equine Science	3
AGEQ 103 Western Equitation I	2
AGEQ 104 Horse Conformation and Judging	1
AGEQ 106 Western Equitation II	2
AGEQ 115 Elements of Horse Training I	.5
AGEQ 116 Elements of Horse Training II	.5
AGEQ 204 Training Young Horses Under Saddle Fall	2
AGEQ 205 Training Young Horses Under Saddle Spring	2
AGPS 210 Introduction to Soil Science	3

### Agriculture Electives

AG 295 Community Service Learning in Agriculture	1-4
AG 296 Special Projects in Agriculture	1-4
AG 299 Special Topics in Agriculture	1-4
AGEQ 140 Introduction to Equine Behavior & Training	2
AGEQ 141 Equine Behavior & Training	2
AGEQ 214 Handling and Care of the Foal, Weanling and Yearling Horse-Fall	1
AGEQ 215 Handling and Care of the Foal, Weanling and Yearling Horse-Spring	1
AGMA 132 Advanced Agriculture Welding	3
AGMA 140 Beginning Agriculture Metal Fabrication	3
BUS 106 Principles of Economics-Macro	3
BUS 115 Business Law	3

**Total Major Requirements..... 18**

#### To earn an A.S. in University Studies - Agriculture:

1. Complete Major Core Requirements; Area of Emphasis requirements and Agricultural Electives as outlined above.
2. Complete General Education (GE) Requirements (FRC, CSU or IGETC)
3. Complete electives so that major units, plus GE units, plus elective units, total sixty (60) units or higher.

## EQUINE STUDIES

The courses offered in Equine Studies are designed to prepare students for a variety of professions in the horse industry or transfer to a higher institution. Students preparing for immediate entry into a horse career will find practical hands on courses designed to assist them in achieving their occupational goals. Through study and applied practice, students prepare for careers in four basic Equine Studies concentrations: Pack Skills, Ranch Skills, Horse Training Skills, and Rodeo Skills.

### Major Core Requirements

	UNITS
AGAS 120 Introduction to Animal Science	3
OR AGAS 125 Animal Feeds and Nutrition	3
AGEQ 009 Draft Horse Driving I	.5
AGEQ 102 Elements of Equine Science	3
AGEQ 103 Western Equitation I	2
AGEQ 104 Horse Conformation and Judging	1
AGEQ 106 Western Equitation II	2
AGEQ 115 Elements of Horse Training I	.5
AGEQ 116 Elements of Horse Training II	.5
AGEQ 123 Introduction to Farrier Science	1
AGEQ 140 Introduction to Equine Behavior & Training	2
AGEQ 141 Equine Behavior & Training	2
AGEQ 204 Training Young Horses Under Saddle-Fall	2
AGEQ 214 Handling & Care of the Foal, Weanling, & Yearling Horse-Fall	1
OR AGEQ 215 Handling & Care of the Foal, Weanling, & Yearling Horse-Spring	1
AG 295 Community Service Learning in Agriculture	1
OR AG 299 Special Topics in Agriculture	1
OR AGEQ 296-299 Special Projects and/or Topics in Equine Studies	1
OR AGEQ 299 Special Topics in Equine Studies,	1
AG 270 Fundamental of Agriculture Education & Employment	.5
AG 271 Agriculture Education and Employment	.5



**Major Electives (Select 1 or more concentrations from below)**

UNITS

**Pack Skills**

AGEQ 107	Elements of Pack Station & Stable Operations	3
AGEQ 108	Fundamentals of Pack Station & Stable Operations Field Experience	2
AGEQ 109	Pack Station & Stable Operations Field Experience	2

**Ranch Skills**

AGEQ 210	Introduction to Ranch Work with Horses	2
AGEQ 211	Applied Ranch Work with Horses I	2
AGEQ 212	Applied Ranch Work with Horses II	2
AGEQ 225	Ranch Horsemanship	.5
AGEQ 226	Advanced Horsemanship	.5

**Horse Training Skills**

AGEQ 205	Training Young Horses Under Saddle- Spring	2
AGEQ 206	Advanced Training Young Horses Under Saddle	2
AGEQ 207	Preparing the Horse for Sale and Show	2
AGEQ 225	Ranch Horsemanship	.5
AGEQ 226	Advanced Horsemanship	.5

**Rodeo Skills**

AGEQ 180	Rodeo Skills & Techniques – Men	2
OR AGEQ 181	Rodeo Skills & Techniques – Women	2
AGEQ 182	Intercollegiate Rodeo	2
AGEQ 184	Advanced Intercollegiate Rodeo	2
AGEQ 186	Rodeo Production	1

**Total Major Requirements.....30**

**To earn an A.S. in Equine Studies:**

1. Complete Major Core Requirements and Major Electives, as outlined above.
2. Complete General Education (GE) Requirements (FRC, CSU or IGETC)
3. Complete electives so that major units, plus GE units, plus elective units, total sixty (60) units or higher.



**CERTIFICATES OF ACHIEVEMENT**

**Equine Studies**

UNITS

AGEQ 009	Draft Horse Driving I	.5
AGEQ 102	Elements of Equine Science	3
AGEQ 103	Western Equitation I	2
AGEQ 104	Horse Conformation & Judging	1
AGEQ 106	Western Equitation II	2
AGEQ 115	Elements of Horse Training I	.5
AGEQ 116	Elements of Horse Training II	.5
AGEQ 123	Introduction to Farrier Science	1
AGEQ 140	Introduction to Equine Behavior & Training	2
AGEQ 141	Equine Behavior & Training	2
AGEQ 204	Training Young Horses Under Saddle Fall	2
AGEQ 205	Training Young Horses Under Saddle Spring	2
AGEQ 214	Handling & Care of the Foal, Yearling & Weanling Horse Fall	1
OR AGEQ 215	Handling & Care of the Foal, Yearling & Weanling Horse Spring	1
AG 270	Fundamentals of Agriculture Education & Employment	.5
AG 271	Agriculture Education & Employment	.5
AGEQ 225	Ranch Horsemanship	.5
AGEQ 296-299	Special Projects and/or Topics in Equine Studies	2
Electives	Elective units selected from Agriculture or Equine Studies course list	7

**Total Certificate Requirements.....30**

**CERTIFICATE OF SPECIALIZATION**

**General Agriculture**

AG 270	Fundamentals of Agriculture Education & Employment	.5
AGAB 110	Introduction to Agricultural Business	3
AGAB 150	Computer Applications in Agriculture	3
AGAS 120	Principles of Animal Science	3

Choose 2 of the following:

AGAB 188	Farm Management	3
AGMA 084	Ranching Operations: Fencing/Irrigation	3
AGMA 108	Introduction to Tractor Operation	3
AGMA 116	Agriculture Welding	3
AGMA 140	Beginning Agriculture Metal Fabrication	3
AGMA 146	Introductory Agriculture Structural Technology	3
AGMA 160	Introduction to Mechanized Agriculture	3
AGPS 210	Introduction to Soil Science	3
BUS 130	Small Business Management	3

**Total Certificate Requirements..... 15.5**

<b>Ranch Technology</b>		UNITS
AG 270	Fundamentals of Agriculture Education & Employment	.5
AGAB 188	Farm Management	3

**Choose 4 of the following:**

AGAB 150	Computer Applications in Agriculture	3
AGAS 120	Introduction to Animal Science	3
AGMA 084	Ranching Operations: Fencing/Irrigation	3
AGMA 108	Tractor Operation	3
AGMA 140	Beginning Agriculture Metal Fabrication	3
AGMA 116	Agriculture Welding	3
AGMA 146	Introductory Agriculture Structural Technology	3
AGMA 160	Introduction to Mechanized Agriculture	3

**Total Certificate Requirements..... 15.5**

**Fundamentals of Ranch Skills**

Along with the Certificate of Specialization, students can apply the AGEQ 175 Ranch Skills Short Course as a substitute for the following courses when utilized towards the Agriculture Associate Degree, Equine Studies Associate Degree, or Equine Studies Certificate of Achievement:

AGEQ 001	Beginning Western Riding	2
AGEQ 103	Western Equitation I	2
AGEQ 210	Introduction to Ranch Work with Horses	2
AGEQ 211	Applied Ranch Work with Horses I	2
AGEQ 212	Applied Ranch Work with Horses II	2

**Total Certificate Requirements..... 10**

**Fundamentals of Pack Station & Stable Operations**

AG 270	Fundamentals of Agriculture Education & Employment	.5
AG 271	Agriculture Education & Employment	.5
AGAB 188	Farm Management	3
AGEQ 103	Western Equitation I	2
AGEQ 106	Western Equitation II	2
AGEQ 107	Elements of Pack Station & Stable Operations	3
AGEQ 108	Fundamentals Pack Station & Stable Operations Field Experience	2
AGEQ 109	Pack Station & Stable Operations Field Experience	2

**Total Certificate Requirements..... 15**

**Fundamentals of Horse Training Skills**

AG 270	Fundamentals of Agriculture Education & Employment	.5
AG 271	Agriculture Education & Employment	.5
AGEQ 103	Western Equitation I	2
AGEQ 106	Western Equitation II	2
AGEQ 115	Elements of Horse Training I	.5
AGEQ 116	Elements of Horse Training II	.5
AGEQ 140	Introduction to Equine Behavior & Training	2
AGEQ 141	Equine Behavior & Training	2
AGEQ 204	Training Young Horses Under Saddle - Fall	2
AGEQ 205	Training Young Horses Under Saddle - Spring	2
AGEQ 225	Ranch Horsemanship	.5

**Total Certificate Requirements..... 14.5**

<b>Fundamentals of Rodeo Techniques</b>		UNITS
AGEQ 135	Equine Conditioning I	2
AGEQ 182	Intercollegiate Rodeo	2
AGEQ 184	Advanced Intercollegiate Rodeo	2
AGEQ 180	Rodeo Skills & Techniques Men's'	2
OR AGEQ 181	Rodeo Skills & Techniques Women's'	2
AGEQ 186	Rodeo Production	1
AGEQ 280	Advanced Rodeo Skills & Techniques Men's'	2
OR AGEQ 281	Advanced Rodeo Skills & Techniques Women's'	2
AG 270	Fundamentals of Agriculture Education & Employment	.5
AG 271	Agriculture Education & Employment	.5
AG 295	Community Service Learning in Agriculture	2
OR AGEQ 296-299	Special Projects and/or Topics in Equine Studies	2

**Total Certificate Requirements..... 14**

**Program Narrative**

The mission statement for the Agriculture Department is to provide our students with an excellent academic experience at a state-of-the-art facility where students prepare for diverse occupational opportunities in the field of Agriculture.

Highlights of the Agriculture Department include numerous hands-on learning opportunities, quality horses and instruction, championship rodeo team, industry guest clinicians, annual rodeo, horse sale and many other events throughout the year.

In the Equine Studies Program, students can earn an Associate of Science in Equine Studies or Certificates of Achievement and Specialization in Horse Training, Rodeo, Ranch, and Pack Skills. Founded in the early 1980's, the Equine Studies' horse training philosophy comes from a variety of true horsemen. Guest lecturers and clinicians who have added to instruction in the past including; Tom Dorrance, Ray Hunt, Jack Brainard, Les Vogt, Gene Armstrong, Bryan, Jim, & Luke Neubert. Students have the option of boarding their own horse on campus or utilizing one of the Feather River College Foundation owned registered Quarter Horses. Students have the opportunity to experience all levels of the horse industry from breeding and foaling, colt starting, show and sale preparation, ranch work, rodeo techniques, and backcountry pack trips. One highlight, an annual Production Horse Sale, features horses that were raised and trained by students. This special Agriculture Department event is the ultimate student learning outcome, demonstrating the accumulation of skills and knowledge of the equine curriculum. A versatility competition is incorporated into the preview of the sale horses. Students show the horses through an obstacle course, working cattle, performing a reining pattern, and are judged on presentation of the horse.

The Feather River College Rodeo Programs ten years in the West Coast Region of the National Intercollegiate Rodeo Association have been very successful, both in the arena and the classroom. The team boasts over 60 members annually, and has been the West Coast Regional champions for the past eight years. The team has had two student representatives on the national board of directors for intercollegiate rodeo and the student athletes G.P.A. have stayed above a 3.1 for the past three years. The student athletes compete in the following events: Bull Riding, Team Roping, Breakaway Roping, Tie Down Roping, Saddle Bronc Riding, Bareback Riding, Steer Wrestling, Goat Tying, and Barrel Racing.

### Student Learning Outcomes

Upon degree completion, graduates will acquire the following:

- Theoretical knowledge, practical experience and skills of modern procedures reflecting the technology and science based nature of agriculture and animal resource management.
- Knowledge of concepts and theories with a balance between production and protection of soil, plant, and animal resources.
- An ability to analyze data and solve problems related to the agricultural field utilizing the scientific method.
- A proficiency in critical thinking, reading, writing, and oral language skills in the agriculture occupational context.
- An ability to enter employment in a field of agriculture or transfer to a college of agriculture at a four-year university.



# ANTHROPOLOGY

JERRY HOOVER  
530-283-0202, EXT 324

### Degree

A.A.-T Anthropology

Anthropology is the study of the human species, its relatives and antecedents, everywhere and throughout time. As a discipline, it includes social sciences, biological sciences, earth sciences, and health sciences. It is often presented as a set of sub-disciplines: cultural anthropology, linguistic anthropology, physical anthropology, and archaeology. As such, anthropology involves the study of people, their origins, their biological variations and characteristics, their languages and cultural patterns, their social structures and institutions, and their adaptation to their environment.

### ASSOCIATE OF ARTS FOR TRANSFER IN ANTHROPOLOGY

#### Major Core Requirements

	UNITS
ANTH 100 Introduction to Cultural Anthropology	3
ANTH 120 Physical Anthropology	3
ANTH 130 Introduction to Archaeology	3

#### Major Electives (Select 9 units, at least 3 units must be from list A and 3 units must be from list B)

##### List A (Select 3 units from below)

ANTH 120L Physical Anthropology Lab	1
MATH 202 Elementary Statistics	4

##### List B (Select 3-5 units from below)

GEOL 102 Physical Geology & Physical Geology Lab	4
BIOL 110 Human Anatomy	3

##### List C (Select 3 units from below)

ANTH 103 Magic, Witchcraft, and Religion	3
ANTH 150 Native North Americans	3
ADMJ 203 Multiculturalism	3
GEOG 104 Cultural Geography	3
SOC 102 Introduction to Sociology	3

**Total Major Requirements..... 18-20**

#### To earn an A.A.-T in Anthropology:

1. Complete major requirements as outlined above.
2. Complete CSU General Education Breadth or IGETC requirements.
3. Complete transferable electives so that major units, plus GE units, plus transferable elective units total sixty (60) units or higher.



### Program Narrative

This major will build student skills in critical thinking, effective written and oral communication. Anthropology is a diverse discipline that includes cultural, biological, linguistic, and archaeological sub-disciplines. The major will prepare students for an advanced degree, professional certificates, and will serve as a useful foundation for a broad range of career options. Anthropologists serve in academia, government, and private institutions.

The Anthropology Associates Degree for Transfer (A.A.-T) is designed for students who intend to pursue a degree in anthropology or a related discipline, and who plan to transfer to a four-year college or university. The degree is especially designed for students preparing for transfer into the California State University system.

Anthropology majors should check the degree requirements of the university to which they intend to transfer and should meet with an academic advisor to construct an academic plan.

**TMC Disclaimer:** This is a new TMC that is currently under review by the California Community College Chancellor's Office. You may take courses toward the major's during this process. Please contact the program director for more information or work with an advisor before signing up for any classes.

### Student Learning Outcomes

Upon completion of the Anthropology program coursework, students will be able to:

- Describe the interrelated sub-disciplines of cultural anthropology, biological anthropology, linguistics, and archaeology.
- Discuss the evolution of the human species and its antecedents and their relationships to other non-human primates.
- Analyze the processes that lead to cross-cultural differences.



# BIOLOGY

ANNA THOMPSON  
530-283-0202, EXT 268

### Degree

A.S. Biology

The Biology (BIOL) program is primarily designed for students who intend to transfer into any biology-related track at a four-year college or university or for students considering transfer to a nursing or pre-medical program. The curriculum is organized so that courses will readily transfer to the UC and CSU system. The program gives students the necessary biology major transfer credits but is flexible enough to let students choose and integrate informal areas of emphasis such as a premedical curriculum, cell and molecular biology, organismal biology and resource and environmental biology into an individualized and varied lower division biology program.

Majors must also complete one of the college's general education requirement schemes. Students expecting to transfer to a 4-year university are strongly advised to complete the CSU Breadth or the IGETC requirements rather than the FRC GE requirements.

### ASSOCIATE SCIENCE: BIOLOGY

#### Major Core Requirements

	UNITS
BIOL 102 Biochemistry, Cell & Molecular Biology & Genetics	4
BIOL 104 Animal Biology, Evolution and Ecology	4
BIOL 106 Plant Biology, Evolution and Ecology	4
MATH 202 Elementary Statistics	4

#### Elective List A (Select 3-4 units, or 1 course, from below)

BIOL 110 Human Anatomy	4
BIOL 112 Human Physiology	4
BIOL 210 General Microbiology	4
ENVR 142 Introduction to Environmental Science	3
ENVR 142L Environmental Science Lab	1
ENVR 240 Introduction to Wildlife	3

#### Elective List B (Select 8 units, or 2 courses, from below)

**Note:** Students planning to transfer as Biology majors are strongly encouraged to check biology transfer requirements for the institution they want to attend after FRC and choose from this list accordingly. You may also need more than 8 units to transfer into a Biology major at a university.

CHEM 102 General Chemistry 1	5
CHEM 104 General Chemistry 2	5
CHEM 106 Introduction to Organic Chemistry	5
ENGL 180 Nature Literature in America	3
HIST 150 Environmental History	3
MATH 218 Calculus 1	4
MATH 220 Calculus 2	4
PHYS 102 Physics 1	4
PHYS 104 Physics 2	4

**Note:** Math 110 or higher is necessary for transfer in Biology to most four-year programs.

**Additional Courses from the List Below May be Taken as Electives**

	UNITS
ANTH 120 Physical Anthropology	3
ANTH 120 L Physical Anthropology Lab	1
BIOL/ENVR 120 Sierra Nevada Natural History	3
BIOL/AGAS 164 Introduction to Animal Behavior	3
ENVR 160 Watershed Protection and Restoration	3
ENVR 210 Introduction to Soil Science	3
ENVR 220 Introduction to Forestry	3
ENVR 241 Wildlife Diversity and Field Techniques	4
ENVR 250 Introduction to Aquaculture	3
ENVR 264 Introduction to Fish	4
FACS/NCA 170 Introduction to Nutrition	3
GEO 102 Physical Geology	4
GEO 104 Physical Geography	4
HES 133 Introduction to Kinesiology	3

**Total Major Requirements..... 27-28**

**To earn an A.S. in Biology:**

1. Complete Major Core Requirements and Major Electives, as outlined above.
2. Complete FRC General Education (GE), CSU Breadth, or IGETC requirements.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher.

**Student Learning Outcomes**

Upon completion of the Arts and Humanities emphasis, students will be able to:

- Students will be able to apply the biological concepts of structure and function, organization, cellular processes, genetics, as well as ecology and evolution at all levels (molecular, cellular and organismal) and across the lineages of the Tree of Life.
- Students will be able to compare and contrast features of living systems with respect to their common evolutionary origin as well as with respect to evolutionary differences.
- Students will apply the Scientific Method of investigation to hypothesis generation, testing, analysis and communication, and develop basic laboratory and field skills.



**BUSINESS**

MICHAEL WELSER  
530-283-0202, EXT 258

**Degree**

- A.A. Business
- A.S.-T Business Administration

**Certificate of Achievement**

- Accounting Management
- Small Business Management
- Business Management
- General Business

**Certificate of Specialization**

- Accounting
- Small Business
- Management
- Finance
- Economics

**Business Program**

The Business Program provides a general and practical foundation for a wide range of career opportunities in business. It also provides a course of study that prepares students for transfer to a four-year college or university. The curriculum is designed to help students develop business knowledge and managerial skills beneficial to them and meaningful to employers. The curriculum of introductory courses covers all of the major areas in business study.

**ASSOCIATE IN ARTS: BUSINESS**

**Major Core Requirements..... UNITS**

BUS 100	Introduction to Business.....	3
BUS 102	Financial Accounting.....	4
BUS 104	Managerial Accounting.....	4
BUS 106	Principles of Economics-Macro.....	3
BUS 108	Principles of Economics-Micro.....	3
BUS 115	Business Law.....	3
BUS 116	Human Relations in Business.....	3
BUS 140	Marketing.....	3
BUS 170	Spreadsheet Training-Excel.....	1.5

**Major Electives (Select 3 major-specific units from below)**

BUS 118	Personal Finance.....	3
BUS 130	Small Business Management.....	3
BUS 132	Bookkeeping.....	3
ICT 101	Computer Literacy.....	3
OR ICT 111	Introduction to Computer Technology.....	3

**Total Associate Degree Requirements.....30.5**

**Recommended General Education Courses**

ENGL 119	Interpersonal Communication.....	3
MATH 202	Elementary Statistics.....	4

**To earn an A.A. Degree in Business:**

1. Complete major requirements as outlined above.
2. Complete FRC General Education (GE), CSU Breadth, or IGETC requirements.
3. Complete transferable electives so that major units, plus GE units, plus transferable elective units total sixty (60) units or higher.

**ASSOCIATE IN SCIENCE: BUSINESS FOR TRANSFER**

<b>Major Core Requirements</b>		<b>UNITS</b>
BUS 100	Introduction to Business	3
BUS 102	Financial Accounting	4
BUS 104	Managerial Accounting	4
BUS 106	Principles of Economics-Macro	3
BUS 108	Principles of Economics-Micro	3
BUS 115	Business Law	3
ICT 101	Computer Literacy	3
OR ICT 111	Introduction to Computer Technology	3
MATH 218	Calculus I	4
OR MATH 202	Elementary Statistics	4
<b>Total Major Requirements.....</b>		<b>27-28</b>

**To earn an A.S.-T in Business Administration:**

1. Complete major requirements as outlined above.
2. Complete CSU General Education Breadth or IGETC requirements.
3. Complete transferable electives so that major units, plus GE units, plus transferable elective units total sixty (60) units or higher.

**TMC Disclaimer:** This is a new TMC that is currently under review by the California Community College Chancellor's Office. You may take courses toward the major's during this process. Please contact the program director for more information or work with an advisor before signing up for any classes.

**CERTIFICATES OF ACHIEVEMENT**

**Accounting Management**

BUS 102	Financial Accounting	4
BUS 104	Managerial Accounting	4
BUS 118	Personal Finance	3
BUS 170	Spreadsheet	1.5
<b>Total Certificate Requirements.....</b>		<b>12.5</b>

**Small Business Management**

		<b>UNITS</b>
BUS 130	Small Business Management	3
BUS 102	Financial Accounting	4
OR BUS 132	Bookkeeping	3
BUS 116	Human Relations in Business	3
BUS 140	Marketing	3
BUS 115	Business Law	3
BUS 170	Spreadsheet	1.5
<b>Total Certificate Requirements.....</b>		<b>16.5-17.5</b>

**Business Management**

BUS 102	Financial Accounting	4
BUS 106	Macroeconomics	3
OR BUS 108	Microeconomics	3
BUS 115	Business Law	3
BUS 116	Human Relations in Business	3
BUS 140	Marketing	3
<b>Total Certificate Requirements.....</b>		<b>16</b>

**General Business**

BUS 102	Financial Accounting	4
BUS 104	Managerial Accounting	4
BUS 106	Macroeconomics	3
BUS 108	Microeconomics	3
BUS 115	Business Law	3
<b>Total Certificate Requirements.....</b>		<b>17</b>

**CERTIFICATE OF SPECIALIZATION**

**Accounting**

BUS 102	Financial Accounting	4
BUS 104	Managerial Accounting	4
<b>Total Certificate Requirements.....</b>		<b>8</b>

**Small Business**

BUS 130	Small Business Management	3
BUS 140	Marketing	3
<b>Total Certificate Requirements.....</b>		<b>6</b>

<b>Management</b>		UNITS
BUS 116	Human Relations in Business	3
BUS 100	Introduction to Business	3
OR BUS 130	Small Business Management	3
<b>Total Certificate Requirements.....</b>		<b>6</b>

<b>Finance</b>		UNITS
BUS 118	Personal Finance	3
BUS 102	Financial Accounting	4
OR BUS 132	Bookkeeping	3
<b>Total Certificate Requirements.....</b>		<b>6-7</b>

<b>Economics</b>		UNITS
BUS 106	Macroeconomics	3
BUS 108	Microeconomics	3
<b>Total Certificate Requirements.....</b>		<b>6</b>

### Entrepreneurial Planning

Students completing this certificate will possess the fundamental skills in planning an entrepreneurial venture or small business. Course work covers the characteristics of entrepreneurs, product or service feasibility, developing a marketing plan, understanding financial planning and ratios, and developing a viable business plan.

BUS 121	Introduction to Entrepreneurship	1
BUS 122	Entrepreneurial Marketing	1.5
BUS 123	Financial Management for Entrepreneurs	2
BUS 124	Preparing Effective Business Plans	1.5
<b>Total Certificate Requirements.....</b>		<b>6</b>

### Student Learning Outcomes

- Complete a feasibility study for a small business.
- Apply principles of entrepreneurship to complete a business plan.
- Create a systematic approach to developing a professional network for problem solving and accessing appropriate resources.

### Program Narrative

In the Business Program students are instructed in many of the disciplines of Business study that are valued by employers, that prepare the student to become an entrepreneur, or that prepare the student to go on to a four-year institution. The textbooks used are nationally renowned for positive student learning outcomes and are typically the most widely-used textbooks in their field. A variety of teaching methods are used both auditory and visual, and technology is relied upon heavily in every area.

### Student Learning Outcomes

Upon degree or certificate completion, students will be able to demonstrate the following competencies:

- **Resources:** Identifies, organizes, plans, and allocates resources of time, money, material and facilities, and human resources.
- **Interpersonal:** Works well with others by participating as a member of a team, teaching others new skills, serving clients and customers, demonstration leadership, negotiating, and working with diversity.
- **Information:** Acquires and uses information by evaluating, organizing, maintaining, interpreting, managing, and communicating and accounting for information as well as using computers to process information.
- **Systems:** Understands complex inter-relationships that include the ability to understand systems, such as how social, organizational, financial, technological, and marketing systems work and be able to operate effectively with them; monitors and corrects performance such as distinguishing trends and predicting impacts on systems operations; improves and designs systems, such as suggesting modifications to existing systems.
- **Technology:** Works with a variety of technologies that may include selecting, applying, and/or maintaining and trouble-shooting equipment.



## Degree

A.A. Early Childhood Education  
A.S.-T Early Childhood Education

## Certificate of Achievement

Early Childhood Education  
Teacher

## Certificate of Specialization

Associate Teacher  
Administration of ECE Programs  
Child Care Entrepreneurship  
Master Teacher - Special Needs  
Master Teacher - Creative Curriculum

The Early Childhood Education (ECE) Program provides an academic and experiential foundation offering students occupational and transfer degree options and a variety of certificates. Students will study child development in the context of the family and the community as well as best practices for teaching and learning. Observation and participation opportunities allow students to apply their emerging skills under the supervision of select teachers and mentors in both public and private settings, including the Child Development Center on campus.

Students are encouraged to work closely with a program advisor to determine which options best meet their career and educational goals.



## ASSOCIATE IN ARTS EARLY CHILDHOOD EDUCATION

### Major Core Requirements

	UNITS
ECE 150	3
ECE 152	3
ECE 153	3
ECE 157	3
ECE 158	3
ECE 159	3
ECE 160	3
ECE 162	3

### Additional Requirements

ECE 051	3
OR ECE 055	3
ECE 080	.5
ECE 098	1.5
ECE 154	3

### Major Electives (Select 4 units from below)

ECE 040	1
ECE 051	3
ECE 055	3
ECE 061	3
ECE 063	3
ECE 072	1
ECE 075	1
ECE 082	.5
ECE 083	1
ECE 085	1
ECE 087	1
ECE 088	3
ECE 140	3
ECE 156	2
ECE 166	3
ECE 291	1-3
ECE 299	.5-4
CWEE 120	1-4

**Total Major Requirements.....36**

### To earn an A.A. in Early Childhood Education:

1. Complete Major Core Requirements and Major Electives as outlined above
2. Complete FRC, CSU or IGETC General Education (GE) requirements
3. Complete electives so that major units, plus GE units, total sixty (60) units or higher.

## ASSOCIATE IN SCIENCE EARLY CHILDHOOD EDUCATION FOR TRANSFER

### Major Core Requirements

	UNITS
ECE 150	3
ECE 152	3
ECE 153	3
ECE 157	3
ECE 158	3
ECE 159	3
ECE 160	3
ECE 162	3

**Total Major Requirements.....24**

### To earn an A.S.-T in Early Childhood Education:

1. Complete major requirements as outlined above.
2. Complete CSU General Education Breadth or IGETC requirements.
3. Complete transferable electives so that major units, plus GE units, plus transferable elective units total sixty (60) units or higher.

## CERTIFICATES OF ACHIEVEMENT

### Early Childhood Education

Complete Major requirements only for the A.A. degree

**Total Certificate Requirements.....36**

### Teacher

Complete Major requirements only for the A.S. Degree

**Total Certificate Requirements.....24**

## CERTIFICATE OF SPECIALIZATION

### Associate Teacher

ECE 152	3
OR ECE 154	3
ECE 153	3
ECE 157	3
OR ECE 158	3
ECE 162	3

**Total Certificate Requirements.....12**

## Administration of ECE Programs

	UNITS
ECE 051	3
ECE 055	3
ECE 156	2

**Total Certificate Requirements.....8**

## Child Care Entrepreneurship

BUS 121	1
BUS 122	1.5
BUS 123	2
BUS 124	1.5

Students must select 1 course of each of the areas listed below:

ECE 051	3
OR ECE 055	3
ECE 152	3
OR ECE 154	3
ECE 153	3
OR ECE 159	3

**Total Certificate Requirements.....15**

## Master Teacher - Special Needs

ECE 140	3
ASL 130	3
OR ASL132	3

**Total Certificate Requirements.....6**

## Master Teacher - Creative Curriculum (Select 6 units from below)

ECE 072	1
ECE 075	1
ECE 083	1
ECE 085	1
ECE 154	3
ECE 166	3

**Total Certificate Requirements.....6**

**Program Narrative**

The ECE program offers the AS-T degree for students who plan to complete a bachelor's degree in a similar major at a CSU campus. The AA degree is designed for students desiring an occupational or transfer course of study, providing more depth than the transfer degree. In addition, a variety of certificates are offered, as well as coursework for continuing education for child care providers, teachers and parents. The program advisor can assist students in determining which options best meet their goals.

This major prepares students for a broad range of career options in the field. Positions are available nationwide in preschools, child care facilities, private homes, recreation programs and human service agencies.

For additional information about employment requirements and certificate options, consult the ECE web pages at [www.frc.edu](http://www.frc.edu).

**Student Learning Outcomes**

The following outcomes are for the degree programs. Certificate outcomes can be viewed on the ECE web pages at [www.frc.edu](http://www.frc.edu).

Upon completion of the program, the student will be able to:

- Integrate understanding of the needs, the characteristics and multiple influences on the development of children birth to age eight as related to high quality care and education of young children.
- Design, implement and evaluate environments and activities that support positive developmental play and learning outcomes for young children.
- Establish and maintain safe and healthy learning environments for young children.
- Assess the development of young children using authentic assessment tools and use the data to plan appropriate environments and activities based on the developmental needs of children.
- Apply effective guidance, problem solving and interaction strategies that support children's social learning, identity and self-confidence.
- Demonstrate linguistically and culturally relevant, inclusive and anti-bias practices in working with children and families.
- Articulate the significance of promoting partnerships between programs, teachers, families and their communities.
- Demonstrate ethical standards and professional behaviors that deepen understanding, knowledge and commitment regarding the ECE profession.
- Students seeking a baccalaureate in a similar discipline will successfully complete the transfer process to a four year institution (AS-T degree only).



**EARLY CHILDHOOD EDUCATION PERMITS**

(Required to work in state-funded facilities)

Requirements vary for Assistant, Associate Teacher, Teacher, Master Teacher and Site Supervisor

**Recommended Core Courses**

		UNITS
ECE153	Child, Family and Community	3
ECE162	Child Growth and Development	3
Variable	Programs/Curriculum (see your advisor)	6

Title	Education Requirement	Experience Requirement	Alternative Requirement
<b>Assistant</b> <i>(optional)</i>	6 units of ECE/CD	None	Accredited HERO Program (including ROP); or CTC approved training
<b>Associate Teacher</b>	12 units of ECE/CD (including core)	50 days of 3+ hours per day within 2 years	Child Development Associate (CDA) Credential; or CTC approved training
<b>Teacher</b>	24 units of ECE/CD (including core) 16 GE units	175 day of 3+ hours per day within 4 years	AA or higher in ECE or related field with 3 semester units of supervised field experience in ECE setting; or CTC approved training
<b>Master Teacher</b>	24 units of ECE/CD (including core) 16 GE units, 6 units specialization, 2 units adult supervision	350 days of 3+ hours per day within 4 years including at least 100 days of supervising adults	BA or higher with 12 units of ECE, plus 3 semester units of supervised field experience in ECE setting; or CTC approved training
<b>Site Supervisor</b>	AA (or 60 units) with 24 units of ECE/CD (including core), 6 units administration 2 units adult supervision	350 days of 3+ hours per day within 4 years, including at least 100 days of supervising adults	BA or higher with 12 units of ECE plus 3 semester units of supervised field experience in ECE setting; Teaching or Admin. credential with 12 units of ECE, plus 3 units supervised experience in ECE setting; or CTC approved training
<b>Program Director</b>	BA 24 units of ECE/CD (including core) 6 units administration, 2 units adult supervision	Site supervisor status and one program year of site supervisor experience	Teaching or Admin. credential with 12 units of ECE, plus 3 units supervised experience in ECE setting; or CTC approved training

All coursework must be completed with a grade "C" or better

ECE = Early Childhood Education CD = Child Development  
CTC = Commission on Teacher Credentialing

## Degree

A.A. Liberal Studies Elementary Teacher Preparation

The Liberal Studies Program is a pathway designed for prospective elementary teachers who intend to transfer to earn a baccalaureate degree and a multiple subject (K-8) credential. The required courses are part of a program of study that can be started at the community college level and completed at a four-year institution.

Students are encouraged to work closely with advisors to address any additional requirements of the intended institution of transfer.

## ASSOCIATE IN ARTS LIBERAL STUDIES (ELEMENTARY TEACHER PREPARATION)

### Major Core Requirements

The following courses may also apply towards general education requirements for graduation:

	UNITS
BIOL 100	4
OR BIOL 102	4
ECE 153	3
ENGL 101	3
ENGL 118	3
OR ENGL 120	3
HIST 108	3
OR HIST 110	3
HIST 109	3
HIST 111	3
HUMN 112	3
PHIL 101	3
PHSC 100	4
POL 101	3
THEA 105	3

The following courses are non-general education applicable:

EDUC 200	3
MATH 150	3

**Total Major Requirements.....44**

### Recommended Electives (Select a minimum of 9 units from below)

	UNITS
ANTH 100	3
ECE 154	3
OR ECE 166	3
GEOG 150	3
POL 140	3
MATH 152	3

See advisor for courses for specific college transfer. Additional electives may be accepted at transferring institution up to a total of 70 units. See your advisor.

### To earn an A.A. in Liberal Studies Elementary Teacher Preparation:

1. Complete Major Core Requirements as outlined above
2. Complete CSU General Education Breadth or IGETC requirements.
3. Complete electives so that major units, plus GE units, plus elective units, total sixty (60) units or higher.

### Advisories

1. This course of study is designed to meet the specific requirements of CSU Chico and provide ease of transfer. The majority of the coursework will apply to transfer requirements at any institution. However, there will be some variation between campuses. Students should meet with their counselor/advisor to address the requirements of the intended campus for transfer.
2. It is recommended that the California Basic Education Skills Test (CBEST) be taken as soon as possible following completion of English and math coursework.
3. All required courses must have a grade of "C" or better.
4. One year of high school or three units of college credit in a second language is required (includes ASL).
5. Additional coursework in mathematics may be required for general education, depending on the intended institution for transfer. Although students at CSU Chico are required to complete both Math 150 and 152, a student will be accepted for transfer with Math 150.
6. A course must be selected from Area E under CSU General Education Breadth requirements.

### Student Learning Outcomes

Upon completion of the AA Degree in Liberal Studies (Elementary Teacher Preparation), the student will be able to:

- Think critically and explore how knowledge across multiple disciplines in interrelated
- Communicate clearly in written and verbal forms
- Comprehend and evaluate all forms of written material
- Evaluate the essential role of diversity
- Formulate personal goals for continued learning and teacher preparation
- Apply for transfer to complete a bachelor's degree and a Multiple Subject Teaching Credential



**Degree**

A.A.-T English

The major in English, resulting in an A.A. degree, provides students with a solid knowledge in the literature and culture of the Anglophone world. Through the study of literature, students develop an understanding of important themes that have been present throughout the history of the English-speaking world and an understanding about how these themes have shaped thought and literary expression. The major is based in writing, discussion, development of interpretive skills, and the application of critical thinking methods in a wide variety of situations. The major in English provides a general academic foundation for further literary study and for other areas, including pre-law, teaching, research, journalism, and publishing and editing. Students can complete the Associate in Arts in English for Transfer by completing 18 units in the major plus general education and be guaranteed transfer in the major to a California State University campus. Students who are planning to transfer in the major to a CSU campus, as well as those planning to transfer to a UC or other colleges, can choose to augment the major with additional elective courses in English or humanities, thus establishing a well-rounded curriculum in literature and humanistic thought.



**ASSOCIATE OF ARTS FOR TRANSFER IN ENGLISH**

**Major Core Requirements**

ENGL 102	Introduction to Literature	3
ENGL 103	Critical Thinking and Writing	3

**List A (Select 6 units from below)**

ENGL 252	American Literature I	3
ENGL 254	American Literature II	3
ENGL 256	Survey of English Literature I	3
ENGL 257	Survey of English Literature II	3

**Major Elective Requirements**

**List B (Take the following course, or an unused course from List A - 3 units)**

ENGL 170	Creative Writing	3
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**List C (Take one of the following courses, or an unused course from List A or B - 3 units)**

ASL 130	Beginning American Sign Language I	3
ASL 132	Beginning American Sign Language II	3
BUS 120	English for the Professional	3
ENGL 150	Introduction to newspaper Writing, Editing, and Production	3
ENGL 180	Nature Writing in America	3
ENGL 228	Novel and Film	3
ENGL 245	Contemporary Literature	3
ENGL 246	Women's Literature	3
ENGL 277	Introduction to Shakespeare	3
FRN 101	Beginning French I	4
FRN 102	Beginning French II	4
HUMN 110	Introduction to Humanities I	3
HUMN 112	Introduction to Humanities II	3
SPAN 101	Beginning Spanish I	4
SPAN 102	Beginning Spanish II	4

**Total Major Requirements.....18-19**

**TMC Disclaimer:** This is a new TMC that is currently under review by the California Community College Chancellor's Office. You may take courses toward the major's during this process. Please contact the program director for more information or work with an advisor before signing up for any classes.

**To earn an A.A.-T in English:**

1. Complete major requirements as outlined above.
2. Complete CSU General Education Breadth or IGETC requirements.
3. Complete transferable electives so that major units, plus GE units, plus transferable elective units total sixty (60) units or higher.

**Student Learning Outcomes**

- Comprehend cultural and literary background of the English-speaking world.
- In English, use written and verbal expression to communicate information factually, argumentatively, and creatively.
- In English, read, comprehend, interpret, and respond to a wide variety of materials touching on literary knowledge, society, culture, the arts, history, gender, politics, and philosophy.

# ENVIRONMENTAL STUDIES

DR. DARLA DERUITER  
530-283-0202, EXT 262

## Degree

A.S. Environmental Studies

## Certificate of Specialization

Biological Science Technician  
Forestry Technician  
Hydrologic Technician  
Hatchery Technician

The Environmental Studies Department provides students with the opportunity to investigate a spectrum of natural resource disciplines and integrate those studies into applied field work. We have a broad-based, science-oriented curriculum designed to prepare students for a variety of careers related to solving environmental and resource issues. Surrounded by over a million acres of public forest in a watershed that provides much of California's water supply, FRC is uniquely situated to offer such courses. Students who complete the program will find themselves well prepared to work professionally in natural resources fields and / or transfer to four-year schools. **Make Conservation Your Career!**

BRIDGET TRACY

530-283-0202, EXT 308

ZACH PARKS

530-283-0202, EXT 224



# ASSOCIATE IN SCIENCE

## Major Core Requirements

	UNITS
ENVR 103 Professional Seminar in Environmental Studies	1
ENVR 142 Introduction to Environmental Science	3
ENVR 142L Introduction to Environmental Science Lab	1
ENVR 251 Ecosystem Management	2
ENVR 280 Professional Development in Environmental Studies	1

## Natural Resource Management (Select 1 course from below)

ENVR 160 Watershed Protection and Restoration	3
ENVR 220 Introduction to Forestry	3
ENVR 240 Introduction to Wildlife	3
ENVR 264 Introduction to Fish	4

## Physical Science (Select 1 course from below)

ENVR 210 Introduction to Soil Science	3
GEOL 102 Physical Geology	4
CHEM 102 General Chemistry	4

## Biological Science (Select 1 course from below)

BIOL 104 Animal Biology, Evolution and Ecology	4
BIOL 106 Plant Biology, Evolution and Ecology	4

## Social Science

ENVR/POLS 180 Environmental Policy	3
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## Major Elective Requirements (Select 9 units from below)

ENVR 102 Introduction to Environmental Studies	3
ENVR/BIOL 120 Sierra Nevada Natural History	3
ENVR 125 Wildlife Laws and Issues	2
ENVR 164 Native Plants Workshop	1
ENVR 190 Environmental Studies Field Course	.5
ENVR 192 Winter Ecology	.5
ENVR 194 Current Environmental Issues	1
ENVR/GEOG 201 Introduction to GIS	3
ENVR 241 Wildlife Diversity & Field Techniques	4
ENVR 250 Introduction to Aquaculture	3
ENVR 266 Advanced Aquaculture	3
ENVR 291 Directed Study	1-5
ENVR 299 Special Topics in Environmental Studies	.5-3
ENGL 180 Nature Literature in America	3
GEOG/ENVR 201 Introduction to GIS	3
MATH 202 Statistics	4
ORL 116 Outdoor Recreation Principles	3

*Courses not selected from menus above may be chosen as Major Electives*

**Total Major Requirements.....30-32**

## To earn an A.S. in Environmental Studies:

1. Complete Major Core Requirements and Major Electives, as outlined above.
2. Complete FRC General Education (GE), CSU Breadth, or IGETC requirements.
3. Complete electives so that major units plus GE units, plus elective units, total sixty (60) units or higher.

## CERTIFICATE OF SPECIALIZATION

### Biological Science Technician (Select 12 units from below)

	UNITS	
BIOL 104	Animal Biology, Evolution and Ecology	4
BIOL 106	Plant Biology, Evolution and Ecology	4
ENVR/BIO 120	Sierra Nevada Natural History	3
ENVR 125	Wildlife Laws and Issues	2
*ENVR 240	Introduction to Wildlife* (required)	3
ENVR 241	Wildlife Diversity and Field Techniques	4

**Total Certificate Requirements..... 12**

### Forestry Technician (Select 12 units from below)

BIOL 106	Plant Biology, Evolution and Ecology	4
ENVR/BIO 120	Sierra Nevada Natural History	3
ENVR 160	Watershed Protection and Restoration	3
ENVR 210	Introduction to Soil Science	3
*ENVR 220	Introduction to Forestry* (required)	3

**Total Certificate Requirements..... 12**

### Hydrologic Technician (Select 12 units from below)

*ENVR 160	Watershed Protection and Restoration* (required)	3
ENVR 264	Introduction to Fish	4
BIOL 100	Concepts in Biology	4
OR BIOL 104	Animal Biology, Evolution and Ecology	4
OR BIOL 106	Plant Biology, Evolution and Ecology	4
GEOL 102	Physical Geology	4
MATH 202	Elementary Statistics	4

**Total Certificate Requirements..... 12**

### Hatchery Technician (Select 17-19 units from below)

AGMA 140	Introduction to Agricultural Metal Fabrication	3
AGMA 160	Introduction to Mechanized Agriculture	3
ENVR 250	Introduction to Aquaculture	3
ENVR 264	Introduction to Fish	4
ENVR 266	Advanced Aquaculture	3
ENVR 291	Directed Study	1-3

**Total Certificate Requirements..... 17-19**

### Program Narrative

The Environmental Studies Department includes an Associates' in Science in Environmental Studies and four Certificates of Specialization. Department curriculum examines the interactions of physical and biological processes in the biosphere with special emphasis on how those processes are affected by human use of the landscape. Hallmarks of the program are getting students involved with hands-on applied projects, working with local partners to influence conservation and decision-making, and capitalizing on our unique landscape. We practice many skills right on FRC's campus, which has an array of natural communities ranging from wetlands, to oak woodlands, to mixed-conifer forests.

The Environmental Studies Department has broad-based, science-oriented curriculum designed to prepare students for a variety of careers related to solving environmental and resource issues. Surrounded by over a million acres of public forest in a watershed that provides much of California's water supply, FRC is uniquely situated to offer such courses. From California's water wars to the impact of spotted owls on forest management decisions, we are located at the focal point of many of today's hottest environmental issues.

Potential careers are many and varied. Primary employers include government agencies such as the National Park Service, US Forest Service, Bureau of Land Management, US Fish and Wildlife Service, state wildlife or water resource agencies, county planning departments, irrigation districts, utility companies, timber companies, licensed surveyors, professional foresters, non-profit organizations, and many others. Careers in the environment typically involve working with the public to communicate opportunities and issues surrounding projects of various types.

The Environmental Studies major is also designed to prepare students for transfer to four-year institutions. Certificates of Specialization are designed to move students toward technical positions in field biology, forestry, hydrology, and hatchery management.

The Environmental Studies major includes core courses that are taken by all majors and a menu of electives so that you can select courses that address your interests and career goals. Choosing your electives carefully will help ensure a seamless transfer to a four-year institution.

### Highlights of the Environmental Studies Department at Feather River College:

- Hands-on, skills-based education
- Extensive public lands available as "laboratory"
- Fish Hatchery
- Campus with trails systems and variety of ecosystems
- Massive mounted wildlife specimen collection and excellent instructional equipment
- Focus on campus restoration and monitoring
- Active student club: Student Environmental Association
- Small class sizes
- Instructors who care about your education

**Student Learning Outcomes**

The major competencies we expect our students to attain while in the program are:

- **Communication:** Written and oral communication skills in disciplines and professions related to the environment; this includes the ability to convey information and work effectively with groups of varying sizes, as well as different audience levels.
- **Multidisciplinary perspective:** The ability to speak the language of the various environmental disciplines keeps graduates competitive in an increasingly interrelated and competitive market.
- **Knowledge:** A quantitative and qualitative understanding of how our planet functions, how technological societies operate, and how policy interacts with the two.
- **Application skills:** Proficiency in disciplines related to the environment comes at the price of practice; technical field skills will be taught and practiced regularly at FRC, where our spatial proximity to a variety of environmental issues encourages fieldwork.
- **Environmental ethic:** A developed ecological identity, established professional and educational goals, and an identified career track will cement the student's sense of place in the environmental fields, and provide direction toward a constructive career in their chosen field.
- **Understanding of sustainability:** An appreciation for responsibly managing critical natural resources: striving toward a balance between meeting today's needs while ensuring ecosystem health and resource plentitude for future generations.



**GENERAL STUDIES**

DR. TOM HEANEY  
530-283-0202, EXT 314

**Degree**

A.A. General Studies

This degree is designed to give students an interdisciplinary foundation in a particular area of focus while preparing them to think critically, analyze evidence effectively, and understand the different approaches of the various disciplines.

This degree provides an opportunity for students to earn an Associate of Arts (AA) degree in a comprehensive area of study and is intended for the student who may not be planning on transferring to a 4-year university in the near future.

**ASSOCIATE IN GENERAL STUDIES**

	<b>UNITS</b>
<b>Required FRC A.A. General Education</b>	<b>24</b>
<b>Required Degree (Area of Emphasis)</b>	<b>18</b>
<b>Electives</b>	<b>18</b>
<b>Total Major Requirements.....</b>	<b>60</b>

**Choose a Single Area of Emphasis:** Complete 18 units in one of the areas of emphasis listed below.

**Arts and Humanities Emphasis**

This area of emphasis is designed to give students an interdisciplinary foundation in the arts and humanities, and prepare students to think critically, analyze evidence effectively, and understand the different approaches of the various disciplines by focusing upon the manner in which humans have expressed themselves in different times, places, and cultures.

**Major Core Requirements (Select 6 units from below)**

ART 172	World Art to 1500	3
ART 174	World Art History Since 1500	3
HIST102	Western Civilization Ancient	3
HIST104	Western Civilization Modern	3
HIST 109	Ancient World Civilizations	3
HIST 111	Medieval & Early Modern Civilizations	3
HIST 112	Modern World History	3
HUMN 110	Introduction to Humanities I	3
HUMN 112	Introduction to Humanities II	3

**Major Electives (Select 12 units from below)**

	UNITS	
ART 100	Art Appreciation (Cross-listed with HUMN 100)	3
ART 107	Two-Dimensional Design	3
ART 109	Three-Dimensional Design	3
ART 116	Drawing I	3
ART 122	Painting I	3
ART 150	Beginning Photography	3
ART 172	World Art to 1500	3
ART 174	World Art History Since 1500	3
ENGL 128	Film Appreciation (Cross-listed with HUMN 128)	3
ENGL 180	Nature Writing in America	3
ENGL 228	Novel and Film	3
ENGL 245	Contemporary Literature	3
ENGL 246	Women's Literature	3
ENGL 252	American Literature I	3
ENGL 254	American Literature II	3
ENGL 256	Survey of English Literature I	3
ENGL 257	Survey of English Literature II	3
ENGL 277	Introduction to Shakespeare	3
HIST 102	Western Civilization Ancient	3
HIST 104	Western Civilization Modern	3
HUMN 100	Art Appreciation (Cross-listed with ART 100)	3
HUMN 101	Music Appreciation	3
HUMN 110	Introduction to Humanities I	3
HUMN 112	Introduction to Humanities II	3
HUMN 128	Film Appreciation (Cross-listed with ENGL 128)	3
PHIL 100	Introduction to Philosophy	3
PHIL 102	Ethics & Social Values	3
PHIL 103	Comparative Religions	3
THEA 105	Introduction to Acting	3
THEA 106	Advanced Acting	3

One of the following foreign language courses may count toward satisfaction of the degree requirements:

ASL 130	Beginning ASL I	3
ASL 132	Beginning ASL II	3
FRN 101	Beginning French I	4
FRN 102	Beginning French II	4
FRN 201	Intermediate French I	4
SPAN 101	Beginning Spanish I	3
SPAN 102	Beginning Spanish II	3
SPAN 201	Intermediate Spanish I	3

**Total Major Requirements..... 18**

**To earn an A.A. in General Studies (Arts and Humanities Emphasis):**

1. Complete Major Core Requirements and Major Electives, as outlined above
2. Complete FRC General Education (GE) requirements.
3. Complete electives so that major units, plus GE units, plus elective units, total sixty (60) units or higher.

**Student Learning Outcomes**

Upon completion of the Arts and Humanities emphasis, students will be able to:

- Identify, describe, and analyze significant works, people, ideas, and events in their cultural contexts
- Effectively communicate an understanding of culture as expressed in arts and letters in global and comparative perspectives
- Critically analyze individual belief systems by comparing diverse perspectives and considering cultural and historical complexities

**Social and Behavioral Sciences Emphasis**

This area of emphasis is designed to give students a broad foundation in the related fields of the social and behavioral sciences, and prepare students to think critically, analyze evidence effectively, and understand the different approaches of the various disciplines that examine people as members of society and how societies and social groups operate.

**Major Core Requirements**

(Select 18 units from below including at least 6 units in one discipline)

	UNITS	
ADMJ 102	Introduction to the Administration of Justice	3
ADMJ 203	Introduction to Multiculturalism	3
ANTH 100	Cultural Anthropology	3
ANTH 103	Magic, Witchcraft & Religion	3
ANTH 106	Introduction to Prehistory & Archaeology	3
ANTH 150	Native American Indians	3
BUS 106	Principles of Economics – Macro	3
BUS 108	Principles of Economics – Micro	3
ECE 153	Child, Family, Community	3
ECE 162	Child Growth and Development	3
ENVR 180/POL 180	Environmental Policy	3
GEOG 104	Cultural Geography	3
GEOG 150	California Geography	3
HIST 102	Western Civilization Ancient	3
HIST 104	Western Civilization Modern	3
HIST 108	US to 1877	3
HIST 109	Ancient World Civilizations	3
HIST 110	US Since 1877	3
HIST 111	Medieval and Early Modern Civilizations	3
HIST 112	World History Since 1789	3
HIST 120	History of American Women	3
HIST 130	Native American History	3
HIST 140	California History	3
MATH 202	Elementary Statistics	3
POL 101	Government & Politics in the U.S.	3
POL 140	Intro to Race Ethnicity	3
POL 160/SOC 160	Globalization	3
POL 180/ENVR 180	Environmental Policy	3
PSY 102	Introductory Psychology	3
PSY 130	Psychology of Women	3
SOC 100	Sex, Gender, and Society	3
SOC 102	Introduction to Sociology	3
SOC 110	Introduction to Marriage & the Family	3
SOC 150	Social Trends & Problems	3
SOC 160/POL 160	Globalization	3

**Total Major Requirements..... 18**

**To earn an A.A. in General Studies (Social and Behavioral Sciences Emphasis):**

1. Complete Major Core Requirements and Major Electives, as outlined above
2. Complete FRC General Education (GE), CSU Breadth, or IGETC requirements.
3. Complete electives so that major units, plus GE units, plus elective units, total sixty (60) units or higher.

**Student Learning Outcomes**

Upon completion of the Social and Behavioral Sciences emphasis, students will be able to:

- Identify, describe, and recognize the use of methods, approaches, and assumptions within social science disciplines
- Effectively communicate an understanding of the complexity and interrelatedness of social institutions and their evolution
- Critically analyze and compare concepts of human behavior over time and across cultures, and disciplines



# HEALTH & EXERCISE STUDIES

**DON WILLIAMS**  
530-283-0202, EXT 320

**TERRY BAUMGARTNER**  
530-283-0202, EXT 229

**RANDY RICK**  
530-283-0202, EXT 278

**HALEY WHITE**  
530-283-0202, EXT 320

**Degrees**

- A.A.-T Kinesiology
- A.S. Health & Exercise Sciences

**Certificate of Achievement**

Health and Exercise Studies

**Certificates of Specialization**

- Athletic Training
- Teaching/Coaching

The Health and Exercise Studies Program prepares students who plan on transferring to four-year colleges. The curriculum emphasizes general education courses that will assist the student in undertaking upper-level coursework at a university, while enhancing their admissions profile and increasing their chances of acceptance to a physical education program at a four-year college or university. Two degrees are available: Health and Exercise Sciences and a Kinesiology transfer degree. In addition to the two degrees, three certificates are available; Health and Exercise Studies, Athletic Training and Teaching/Coaching.

**ASSOCIATE IN ARTS: KINESIOLOGY FOR TRANSFER**

The primary goal of this degree is to facilitate students who wish to pursue a Kinesiology major at a four year school of their choosing. Each student in this program must choose to utilize either the CSU General Education Breadth or IGETC requirements as a part of their degree in addition to the course/s required for this major.

**Major Core Requirements**

	<b>UNITS</b>
HES 133 Introduction to Kinesiology	3
BIOL 110 Human Anatomy with Lab	4
BIOL 112 Human Physiology with Lab	4

**Movement Based Courses**

Courses are currently being articulated. (See HES faculty for details)

Total Units Core ..... 14

<b>Major Elective Units</b>	UNITS
Choose 2 courses from the following list of electives	
MATH 202     Elementary Statistics	4
CHEM 102     General Chemistry I	4
CHEM 104     General Chemistry II	4
CHEM 106     Introduction to Organic Chemistry	4
PHYS 102     General Physics I	4
PHYS 104     General Physics II	4
PHYS 202     Physics for Scientists and Engineers I	4
PHYS 204     Physics for Scientists and Engineers II	4
(Please see HES faculty for details on First Aid & CPR Requirements)	
Major Elective Units	8
<b>Total Major Requirements.....</b>	<b>22</b>

Certain courses may be double counted for general education breadth; make sure to work closely with your advisor in this regard.

**To earn an A.A.-T in Kinesiology:**

1. Complete major requirements as outlined above.
2. Complete FRC General Education (GE), CSU Breadth, or IGETC requirements.
3. Complete transferable electives so that major units, plus GE units, plus transferable elective units total sixty (60) units or higher.

**A.S. DEGREE IN HEALTH AND EXERCISE SCIENCES**

<b>Major Core Requirements</b>	UNITS
HES 133     Introduction to Kinesiology	3
HES 141     Principles of Fitness and Performance	3
HES 143     Principles of Fitness and Performance Lab	1
HES 172     Beginning Lifelong Fitness	1
HES 194     Principles of Physical Education	3
HES 220     Management and Care of Athletic Injuries	3
BIOL 110     Human Anatomy	4
HES/HLTH 100     Principles of Healthful Living	3
<b>Health and Exercise Studies Electives</b>	<b>6</b>
Courses are currently being articulated. (See HES Faculty for details)	
<b>Total Major Requirements.....</b>	<b>27</b>

**To earn an A.S. in Health & Exercise Sciences:**

1. Complete Major Core Requirements and Major Electives, as outlined above
2. Complete FRC General Education (GE), CSU Breadth, or IGETC requirements.
3. Complete electives so that major units, plus GE units, plus elective units, total sixty (60) units or higher.

**CERTIFICATE OF ACHIEVEMENT**

<b>Health and Exercise Studies</b>	UNITS
HES 133     Introduction to Kinesiology	3
HES 141     Principles of Fitness and Performance	3
HES 143     Principles of Fitness and Performance Lab	1
HES 172     Beginning Lifelong Fitness	1
HES 194     Principles of Physical Education	3
HES 220     Management and Care of Athletic Injuries	3
Any HES Course Electives	6
Any HES Activity Course Electives	2
<b>Total Certificate Requirements.....</b>	<b>22</b>

**CERTIFICATE OF SPECIALIZATION**

<b>Athletic Training</b>	UNITS
HES 220     Management and Care of Athletic Injuries	3
HES 222     Management and Care of Athletic Injuries II	3
HES 223     Observation and Practicum of Athletic Training	1
BIOL 110     Human Anatomy	4
BIOL 112     Human Physiology	4
<b>Total Certificate Requirements.....</b>	<b>15</b>

<b>Teaching/Coaching</b>	UNITS
HES 124     Sports in American History	3
HES 132     Sports in Society	3
HES 160     Psychology of Coaching	3
HES 220     Management and Care of Athletic Injuries I	3
HES 104     Sports Management	3
HES 180     Theory of Sport: Applied Biomechanics	1
OR HES 181     Theory of Sport: Coaching Methods and Issues	1
Other courses are currently being developed (See HES faculty for details)	
<b>Total Certificate Requirements.....</b>	<b>16</b>

**Program Narrative**

The Kinesiology degree is fully transferable to the CSU systems schools. Kinesiology, also known as human kinetics, is the scientific study of human movement. Kinesiology addresses physiological, mechanical, and psychological mechanisms. Applications of kinesiology to human health include: biomechanics or orthopedics, rehabilitation, such as physical and occupational therapy, as well as sports and exercise. Individuals who have earned degrees in kinesiology can work in research, the fitness industry, clinical setting, and in industrial environments.

## Student Learning Outcomes

The HES program Student Learning Outcomes are:

- **Communication:** Student will be able to effectively communicate using written and oral communication skills in disciplines and professions related to Health and Exercise Studies; this includes the ability to convey information and work effectively with groups of varying sizes, as well as different audience levels.
- **Multidisciplinary Perspective:** The ability to speak the language of the various disciplines in Health and Exercise Studies keeps graduates competitive in an increasingly interrelated and competitive market.
- **Knowledge:** A quantitative and qualitative understanding of physical activity in relation to: exercise and skill movement.
- **Application Skills:** Proficiency in disciplines related to Health and Exercise Studies will be taught and practiced regularly at FRC, through practicum experiences with the head athletic trainer and coaches in the profession.
- **Career Responsibility:** A developed professional identity, with established professional and educational goals, and an identified career track will cement the student's sense of place in Health and Exercise Studies, and provide direction toward a constructive and ethical career in their chosen field.



# HISTORY

DR. TOM HEANEY  
530-283-0202, EXT 314

## Degree

A.A. History  
A.A.-T History

The study of history demonstrates that, as individuals and as a community, we cannot hope to comprehend the present and prepare for the future without an understanding of the past. Knowledge of the past provides students with a sense of the people, ideas, forces, and institutions that shaped the condition of our contemporary world. The study of history can lead to professional work as a teacher, government or private agency historian, or museum curator. Additionally, historical study produces a student capable of performing a variety of jobs where knowledge and intellect are in demand and in which organizational skills and critical thinking are required, and can be particularly used to students pursuing a career in politics or law. (History majors should check the degree requirements of the university to which they intend to transfer and should meet with an academic advisor to construct an academic plan. History majors intending to transfer to CSU Chico are strongly encouraged to take the World History survey series which they require of history majors.)

Feather River College offers two degrees in History. The first is a History Transfer Model Curriculum degree for students anticipating transfer to a California State University. The second is a more general degree that can be completed by students who are not planning to transfer to a four-year university.

## ASSOCIATE IN HISTORY

History majors must complete 21 units in the major with a minimum grade of "C" or better in all classes taken for the major. Majors must also complete one of the college's General Education Requirement schemes. Students expecting to transfer to a 4-year university are strongly advised to complete either the CSU Breadth or the IGETC requirements rather than the FRC GE requirements.

## Major Core Requirements

Choose one of the following year-long course sequences and one course from the other sequence (9 units total)

### U.S. History Survey Series

		UNITS
HIST 108	United States History to 1877	3
HIST 110	United States History since 1877	3

### Western Civilization Survey Series

HIST 102	Early Western Civilization	3
HIST 104	Modern Western Civilization	3

### World History Survey Series

HIST 109	Ancient World History	3
HIST 111	Medieval World History	3
HIST 112	Modern World History	3



**Elective Requirements (Select 12 units from below)**

	UNITS
ANTH 106	3
ANTH 150	3
HIST 102	3
HIST 104	3
HIST 108	3
HIST 109	3
HIST 110	3
HIST 111	3
HIST 112	3
HIST 120	3
HIST 130	3
HIST 140	3
HIST 160	3
HIST 170	3
HIST 172	3
HIST 291	1-3
POL 140	3

**Total Major Requirements.....21**

**To earn an A.A. in History:**

1. Complete Major Core Requirements and Major Electives, as outlined above
2. Complete FRC General Education (GE), CSU Breadth, or IGETC requirements.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher.

**Student Learning Outcomes**

Upon the completion of the courses in the History Program, students will be able to:

- Identify significant events, people, and places in history;
- Comprehend the connections, contributions, and experiences of various regions, ethnicities, races and genders in the creation of the modern world.
- Interpret and extract meaning from primary and secondary sources;
- Appraise the connections between the past and the present through (written and orally) clearly and accurately about history.



**ASSOCIATE OF ARTS IN HISTORY FOR TRANSFER**

History majors must complete 18 units in the major with a minimum grade of "C" or better in all classes taken for the major. Majors must also complete either the CSU Breadth or the IGETC requirements.

**Major Core Requirements**

	UNITS
HIST 108	3
HIST 110	3

**List A (Select 6 units from below)**

HIST 102	3
HIST 104	3
HIST 109	3
HIST 111	3
HIST 112	3

**List B (Select 1 course from each group below - no duplicate courses allowed)**

**Group 1**

ENGL 246	3
HIST 109	3
HIST 111	3
HIST 112	3
HIST 120	3
HIST 130	3
POL 140	3
SOC/POL160	3

**Group 2**

ANTH 106	3
ANTH 150	3
HIST 109	3
HIST 111	3
HIST 112	3
HIST 120	3
HIST 130	3
HIST 140	3
HIST 160	3
POL 140	3
POL 201	3

**Total Major Requirements.....18**

**To earn an A.A.-T in History:**

1. Complete Major Core Requirements (6 unique courses), as outlined above
2. Complete CSU General Education Breadth or IGETC requirements to total sixty (60) units.
3. Complete transferable electives so that major units, plus GE units, plus transferable elective units total sixty (60) units or higher.

## Degree

A.S. Web Development  
A.S. Multimedia  
A.S. Office Technology

## Certificate of Achievement

Web Development  
Multimedia  
Office Technology  
Mobile Application Development

The Information Communication and Technologies (ICT) program prepares students for direct employment or transfer to a four-year school. The program provides students with the skills needed in some of the fastest growing technology-related fields. Degrees are offered in Web Development, Multimedia, and Office Technology. Certificates are offered in Web Development, Multimedia, Office Technology, and Mobile Application Development.

Each ICT degree requires completing seven core courses, three electives, and the campus general education requirements. Degree-seeking students interested in transfer should select electives from a single area of concentration and refer to the CSU-GE-Breadth or IGETC pattern requirements under the Graduation and Transfer section of this catalog. All courses have been designed to maximize transferability. However, it is strongly recommended that students consult with campus advisors to ensure transferability with the institution of their choice.

All ICT degree curriculums include an introduction to technology, technology in the context of society or organizations, and basic desktop, web, and multimedia applications. The Web Development curriculum includes additional courses in the areas of web development, databases, and programming. The Multimedia curriculum includes additional courses in media production, animation, and gaming. The Office Technology curriculum includes additional courses in business and accounting.

Each ICT certificate includes six core courses. The certificate curriculums consist of a select set of courses that provide students with key job skills in a shorter period of time than would be required for a degree. Generally, a certificate can be completed in two to three semesters.

Students should consult with both the ICT program and college advisors to prepare a Student Education Plan to ensure that courses will satisfy certificate, degree and/or transfer requirements. It may be beneficial to contact the four-year institution where the student intends to transfer to accurately determine the ideal course of action to earn a Bachelor's degree.

## To earn an A.S. Degree ICT:

1. Complete Major Core Requirements and Major Electives, as outlined above
2. Complete FRC General Education (GE), CSU Breadth, or IGETC requirements.
3. Complete additional elective courses so that major units plus GE units total is less than sixty (60) units.

## ASSOCIATE IN SCIENCE: WEB DEVELOPMENT

Students with a Web Development degree will be prepared for positions in web programming, web design, web administration, database programming, database administration, information systems administration, technical training, systems analysis, or similar areas. The web development courses will also transfer to bachelor degree programs in computer science, computer information systems, and/or multimedia.

### Major Core Requirements

	UNITS
ICT 111 Introduction to Information Technology	3
ICT 131 Computer Information Systems	3
ICT 161 Web Design	3
ICT 201 Programming Concepts and Methodology 1	3
ICT 202 Programming Concepts and Methodology 2	3
ICT 231 Database Programming	3
ICT 261 Web Programming	3

### Elective Requirements (Select 9 units from below, single concentration recommended)

#### Computer Science Concentration

ICT 271 Mobile Application Programming	3
MATH 218 Calculus I	4
MATH 220 Calculus II	4
MATH 202 Elementary Statistics	4

#### Computer Information Systems Concentration

BUS 102 Financial Accounting	4
BUS 104 Managerial Accounting	4
BUS 106 Principles of Economics: Macro	3
BUS 108 Principles of Economics: Micro	3
PHIL 101 Logic	3

#### Media Concentration

ICT 121 Introduction to Electronic Media	3
ICT 141 Digital Imagery	3
ICT 151 Video Production	3
ICT 251 Rich Media Websites	3

**Total Major Requirements.....30-32**

#### To earn an A.S. in Web Development:

1. Complete Major Core Requirements and Major Electives, as outlined above
2. Complete FRC General Education (GE), CSU Breadth, or IGETC requirements.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher.

#### Student Learning Outcomes

- Develop interactive web sites
- Demonstrate expertise in the use of web development technology
- Leverage web technology to accomplish a goal
- Use web technology to organize, manage, critically analyze, and communicate information
- Research, learn, and integrate new web technology

## ASSOCIATE IN SCIENCE: MULTIMEDIA

Students with a Multimedia degree will be prepared for positions in web/media/graphic design, television/film/radio/music production, media system design/installation, electronic arts, or similar areas. The Multimedia courses will also transfer to bachelor degree programs in communications, broadcasting, radio/television/film/music production, animation, game design, electronic arts, and/or computer graphics.

### Major Core Requirements

	UNITS
ICT 111 Introduction to Information Technology	3
ICT 115 Introduction to Mass Communications	3
ICT 141 Digital Imagery	3
ICT 151 Video Production	3
ICT 152 Audio Production	3
ICT 161 Web Design	3
ICT 251 Rich Media Websites	3

### Elective Requirements (Select 9 units from below)

#### Production Concentration

ICT 181 Game Design	3
ICT 241 Animation	3
THEA 105 Introduction to Acting	3

#### Programming Concentration

ICT 201 Programming Concepts and Methodology 1	3
ICT 202 Programming Concepts and Methodology 2	3

#### Art Concentration

ART 107 2D Design	3
ART 109 3D Design	3
ART 116 Drawing I	3
ART 117 Drawing II	3

**Total Major Requirements.....30**

#### To earn an A.S. in Multimedia:

1. Complete Major Core Requirements and Major Electives, as outlined above
2. Complete FRC General Education (GE), CSU Breadth, or IGETC requirements.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher.

#### Student Learning Outcomes

- Produce original media content
- Demonstrate expertise in the use of media production technology
- Collaborate effectively in media production settings
- Critically analyze media content and production tools
- Place media production practices in broad, specific, and historical contexts

## ASSOCIATE IN SCIENCE: OFFICE TECHNOLOGY

Students with an Office Technology certificate will be prepared for positions in office and administrative support, business operations, procurement, recording, billing, data entry, editing, word processing, or similar areas.

### Major Core Requirements

	UNITS
BUS 100 Introduction to Business	3
BUS 102 Financial Accounting	4
ICT 101 Computer Literacy	3
ICT 111 Introduction to Information Technology	3
ICT 131 Computer Information Systems	3
ICT 161 Web Design	3

### Elective Requirements (Select 12 units from below)

#### Multimedia Concentration

ICT 115 Introduction to Mass Media	3
ICT 141 Digital Imagery	3
ICT 151 Video Production	3
ICT 152 Audio Production	3

#### Business Concentration

BUS 104 Managerial Accounting	4
BUS 106 Principles of Economics: Macro	3
BUS 108 Principles of Economics: Micro	3
MATH 202 Elementary Statistics	4

**Total Major Requirements.....31-33**

#### To earn an A.S. in Office Technology:

1. Complete Major Core Requirements and Major Electives, as outlined above
2. Complete FRC General Education (GE), CSU Breadth, or IGETC requirements.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher.

#### Student Learning Outcomes

- Demonstrate expertise in the use of a variety of office technology tools
- Use office technology to organize, manage, and communicate information
- Collaborate effectively in office technology settings
- Analyze office technology materials and tools
- Use office technology to enhance personal and professional development

## CERTIFICATE OF ACHIEVEMENT

### Web Development

Students with a Web Development certificate will be prepared for positions in web programming, web design, web administration, database programming, database administration, information systems administration, technical training, systems analysis, or similar areas.

Certificate Requirements		UNITS
ICT 111	Introduction to Information Technology	3
ICT 131	Computer Information Systems	3
OR ICT 231	Database Programming	3
ICT 161	Web Design	3
ICT 201	Programming Concepts and Methodology 1	3
ICT 202	Programming Concepts and Methodology 2	3
ICT 261	Web Programming	3

**Total Certificate Requirements..... 18**

### Student Learning Outcomes

- Develop interactive websites
- Organize, manage, and communicate information via websites
- Research, learn, and integrate new web technology

### Multimedia

Students with a Multimedia certificate will be prepared to pursue positions in web/media/graphic design, television/film/radio/music production, media system design/installation, electronic arts, or similar areas.

Certificate Requirements		UNITS
ICT 111	Introduction to Information Technology	3
ICT 141	Digital Imagery	3
ICT 151	Video Production	3
ICT 152	Audio Production	3
ICT 161	Web Design	3
ICT 251	Rich Media Websites	3

**Total Certificate Requirements..... 18**

### Student Learning Outcomes

- Produce original multimedia content
- Use multimedia production technology
- Collaborate effectively in media development settings

## Office Technology

Students with an Office Technology certificate will be prepared for positions in office and administrative support, business operations, procurement, recording, billing, data entry, editing, word processing, or similar areas.

Certificate Requirements		UNITS
ICT 091	Keyboarding I	1.5
ICT 092	Keyboarding II	1.5
ICT 101	Computer Literacy	3
ICT 111	Introduction to Information Technology	3
ICT 131	Computer Information Systems	3
ICT 141	Digital Imagery	3
OR ICT 151	Video Production	3
OR ICT 152	Audio Production	3
ICT 161	Web Design	3

**Total Certificate Requirements..... 18**

### Student Learning Outcomes

- Use of a variety of office technologies for word processing, spreadsheets, presentation, data analysis, imagery, and web design.
- Use office technology to enhance personal and professional development.

### Mobile Application Development

Students who obtain a Mobile Application Development Certificate Technology degree or certificate will be prepared for positions in mobile application development and programming, web design, software programming, or similar areas.

Certificate Requirements		UNITS
ICT 141	Digital Imagery	3
- OR ICT 151	Video Production	3
ICT 161	Web Design	3
ICT 171	Mobile Application Design	3
ICT 201	Programming Concepts and Methodology I	3
ICT 202	Programming Concepts and Methodology II	3
ICT 271	Mobile Application Programming	3

**Total Certificate Requirements..... 18**

### Student Learning Outcomes

- Develop mobile applications.
- Use current mobile application development technology.
- Research, learn, and integrate new mobile application development technology.

## Degree

A.A. Liberal Arts

This degree is designed for transfer students pursuing an area of study requiring only introductory lower-division major-preparation courses within a broader liberal arts breadth pattern and transferring to a California State University (CSU), University of California (UC).

Students seeking to transfer to a CSU or UC are strongly advised to visit assist.org and to contact an advisor at their destination university to ensure that their chosen pattern of coursework will satisfy the major and admissions requirements.

A minimum of 60.0 transferable semester units must be completed with a grade of "C" or better in all area-of-emphasis-applicable units.

1. Choose either A. CSU-GE or B. IGETC for the General Education pattern related to your educational goal:	
A. Minimum units to meet CSU-GE breadth certification requirements	41 Units
B. Minimum units to meet IGETC certification requirements	35-37 Units
2. Areas of Emphasis: Choose a single Area of Emphasis listed below.	18 Units
3. Complete any electives necessary to total 60 transferable units required by the Universities.	

## Choose a Single Area of Emphasis

Complete 18 units in one of the areas of emphasis listed to follow:

## ARTS AND HUMANITIES EMPHASIS

The humanities include, but are not limited to, history; literature; philosophy and ethics; foreign languages and cultures; linguistics; jurisprudence or philosophy of law; archaeology; comparative religion; the history, theory, and criticism of the arts; and those aspects of the social sciences (anthropology, sociology, psychology, political science, government, and economics) that use historical and interpretive rather than quantitative methods. The humanities enable us to reflect upon our lives and ask fundamental questions of value, purpose, and meaning in a rigorous and systematic way.

### Major Core Requirements (Select 6 units from below)

	UNITS
ART 172 World Art to 1500	3
ART 174 World Art History Since 1500	3
HIST 102 Western Civilization Ancient	3
HIST 104 Western Civilization Modern	3
HIST 109 Ancient World History	3
HIST 111 Medieval World History	3
HIST 112 Modern World History	3
HUMN 110 Introduction to Humanities I	3
HUMN 112 Introduction to Humanities II	3

### Elective Requirements (Select 12 units from below)

ART/HUMN 100 Art Appreciation	3
ART 107 Two-Dimensional Design	3
ART 109 Three-Dimensional Design	3
ART 116 Drawing I	3
ART 122 Painting I	3
ART 150 Beginning Photography	2
ART 172 World Art to 1500	3
ART 174 World Art History Since 1500	3
ENGL/HUMN 128 Film Appreciation	3
ENGL180 Nature Writing in America	3
ENGL 228 Novel and Film	3
ENGL 245 Contemporary Literature	3
ENGL 246 Women's Literature	3
ENGL 252 American Literature I	3
ENGL 254 American Literature II	3
ENGL 256 Survey of English Literature I	3
ENGL 257 Survey of English Literature II	3
ENGL 277 Introduction to Shakespeare	3
HIST 102 Western Civilization Ancient	3
HIST 104 Western Civilization Modern	3
HIST 109 Ancient World History	3
HIST 111 Medieval World History	3
HIST 112 Modern World History	3
HUMN/ART 100 Art Appreciation	3
HUMN/MUS 101 Music Appreciation	3
HUMN 110 Introduction to Humanities I	3
HUMN 112 Introduction to Humanities II	3
HUMN/ENGL 128 Film Appreciation	3
MUS/HUMN 101 Music Appreciation	3
PHIL 100 Introduction to Philosophy	3
PHIL 103 Philosophy of Religions	3
THEA 105 Introduction to Acting	3
THEA 106 Advanced Acting	3

**Total Major Requirements..... 18**

**To earn an A.A. in Liberal Arts (Arts and Humanities Emphasis):**

1. Complete Major Core Requirements and Major Electives, as outlined above
2. Complete IGETC or CSU Breadth GE requirement.
3. Complete additional elective courses when major units plus GE units total is less than sixty (60) units.

**Student Learning Outcomes**

Upon completion of the Arts and Humanities emphasis, students will be able to:

- Identify, describe, and analyze significant works, people, ideas, and events in their cultural contexts.
- Effectively communicate an understanding of culture as expressed in arts and letters in global and comparative perspectives
- Critically analyze individual belief systems by comparing diverse perspectives and considering cultural and historical complexities

**SOCIAL AND BEHAVIORAL SCIENCES EMPHASIS**

Social Sciences refer to any discipline or branch of science that deals with the social and cultural aspects of human behavior. The Social Sciences generally include Economics, Political Science, Sociology, and may include Cultural Anthropology, Geography, Psychology, and Social Psychology. This area of emphasis is designed to give students a broad foundation in the related fields of the social and behavioral sciences, and prepare students to think critically, analyze evidence effectively, and understand the different approaches of the various disciplines that examine people as members of society and how societies and social groups operate.

**Major Core Requirements**

(Choose 18 units from the following classes including at least 6 units in one discipline)

	UNITS
ADMJ 102 Introduction to the Administration of Justice	3
ANTH 100 Cultural Anthropology	3
ANTH 106 Introduction to Archaeology and Prehistory	3
ANTH 120 Physical Anthropology	3
ANTH 120L Physical Anthropology Lab	1
BUS 106 Principles of Economics – Macro	3
BUS 108 Principles of Economics – Micro	3
ECE 153 Child, Family, Community	3
ECE 162 Child Growth and Development	3
ENVR/POL 180 Environmental Policy	3
GEOG 104 Cultural Geography	3
GEOG 150 California Geography	3
HIST 102 Western Civilization Ancient	3
HIST 104 Western Civilization Modern	3
HIST 108 US to 1877	3
HIST 109 Ancient World Civilizations	3
HIST 110 US Since 1877	3
HIST 111 Medieval and Early Modern Civilizations	3
HIST 112 World History Since 1789	3
HIST 120 History of American Women	3
HIST 130 Native American History	3
HIST 140 California History	3
MATH 202 Elementary Statistics	4

	UNITS
POL 101 American Government & Politics in the U.S.	3
POL/SOC 140 Introduction to Race and Ethnicity	3
POL/SOC 160 Globalization	3
POL/ENVR 180 Environmental Policy	3
POL 201 International Relations	3
PSY 102 Introductory Psychology	3
PSY 130 Psychology of Women	3
PSY 160 Human Growth and Development	3
SOC 100 Sex, Gender, and Society	3
SOC 102 Introduction to Sociology	3
SOC 110 Introduction to Marriage & the Family	3
SOC/POL 140 Introduction to Race and Ethnicity	3
SOC 150 Social Trends & Problems	3
SOC/POL 160 Globalization	3

**Total Major Requirements..... 18**

**To earn an A.A. in Liberal Arts (Social and Behavioral Sciences Emphasis):**

1. Complete Major Core Requirements, as outlined above
2. Complete IGETC or CSU Breadth GE Requirements.
3. Complete electives so that major units, plus GE units, plus elective units, total sixty (60) units or higher.

**Student Learning Outcomes**

Upon completion of the Social and Behavioral Science emphasis, students will be able to:

- Identify, describe, and recognize the use of methods, approaches, and assumptions within social science disciplines.
- Effectively communicate an understanding of the complexity and interrelatedness of social institutions and their evolution.
- Critically analyze and compare concepts of human behavior over time and across cultures, and disciplines.



# LICENSED VOCATIONAL NURSING

JUDY MAHAN  
530-283-0202, EXT 235

## Degree

A.S. Vocational Nursing

## Certificate of Achievement

Vocational Nursing

Careers in the health care industry are expected to increase dramatically in the next few years. Both the AS and certificate options prepare the students to take the State Board of Vocational Nursing Licensing Exam (NCLEX-PN) and upon passing the exam apply for a state license as a vocational nurse.

The FRC Vocational Nursing Program averages 20 hours per week for 4 semesters, with 8 week of clinical instruction at a major hospital during each of 2 summers. FRC accepts 30 students every two years at its Feather River Campus and, in alternating years, at the campus at Mayers Memorial Hospital in Fall River Mills. Applications are accepted in January of the year of the beginning of the program in August.

## ASSOCIATE OF SCIENCE: VOCATIONAL NURSING

Required Prerequisites		UNITS
BIOL 110	Human Anatomy	4
BIOL 112	Human Physiology	4
HES 170	Introduction to Nutrition	3
NURS 100	Certified Nurse Assistant	6
NURS 111	Dosage Calculation for Medical Providers	3

Courses must be completed within the preceding 5 years of application date. Courses must be completed with a grade of "C" or better.

Exception for the Certified Nurse Assistant: can show evidence of working as a Nurse assistant at least one year in the previous 5 years or hold an "active certified nurse assistant card."

## Major Core Requirements

NURS 112	Nursing Foundations	1
NURS 114	Nursing Foundations Lab	2
NURS 116	Psychological Principles for Nursing	3
NURS 120	Introduction to Pharmacology	1
NURS 122	Basic Medical Surgical Nursing	5
NURS 123	Basic Medical Surgical Nursing Laboratory	2
NURS 125	Basic Medical Surgical Nursing Laboratory (1st Summer)	3.5
NURS 212	Intermediate Medical Surgical Nursing	3

NURS 214	Intermediate Medical Surgical Nursing Laboratory	2.5
NURS 222	Advanced Medical Surgical Nursing	5
NURS 223	Advanced Medical Surgical Nursing Laboratory 1	2
NURS 225	Advanced Medical Surgical Nursing Laboratory 2 (2nd Summer)	1.5
NURS 232	Obstetrical Nursing	2
NURS 234	Obstetrical Nursing Lab 1	.5
NURS 235	Obstetrical Nursing Lab 2 (2nd Summer)	1
NURS 237	Pediatric Nursing	2
NURS 239	Pediatric Nursing Laboratory 1	.5
NURS 240	Pediatric Nursing Laboratory 2 (2nd Summer)	1

**Total Major Requirements.....38.5**

## Recommended Electives

NURS 080	Intravenous Therapy/Blood Withdrawal	2
NURS 280	Synthesis of Nursing Concepts	2

## To earn an A.S. in Vocational Nursing:

1. Complete Major Core Requirements and Major Electives (if applicable), as outlined above
2. Complete FRC General Education requirements
3. Complete additional elective courses when major units plus GE units total is less than sixty (60) units.

## CERTIFICATE OF ACHIEVEMENT

### Vocational Nursing

### Certificate Requirements

Complete Major Requirement only

**Total Certificate Requirements.....39.5**

### Student Learning Outcomes

Upon satisfactory completion of the vocational nursing program, the graduate shall be qualified to take the National NCLEX-PN examination for California licensure. The vocational nursing program graduate will be able to:

- Discuss the principles of physical and mental health nursing care.
- Describe specific disease conditions including prevention, treatment, nursing care, and rehabilitation.
- Demonstrate technical competence with the ability to perform nursing skills, including patient care procedures and medication administration in a safe and competent manner.
- Demonstrate understand of the role of the Licensed Vocational Nurse in problem solving and critical thinking skills in clinical practice and to promote the physical, mental, emotional, and spiritual well-being of each patient to the highest level of independence.
- Perform the professional role of the Licensed Vocational Nurse as a member of the health care team, and also an individual and a member of the community.

# NUTRITION, FOOD, AND CULINARY ARTS

CONNIE GARRISH  
530-283-0202, EXT 238

## Degree

A.A. Nutrition, Foods, and Culinary Arts

## Certificates of Specialization

Baking Entrepreneurship  
Catering Entrepreneurship  
Restaurant Management

The Nutrition, Foods, and Culinary Arts Program is primarily designed for students who intend to earn an AA degree and move directly into the workforce. The program prepares students for a wide range of jobs that exhibit a continued strong labor market. Becoming a trained food professional will help students better compete for year-round and more highly paid positions. FRC staff provides professional training for employment in commercial culinary service. Elective courses allow students to tailor learning experiences to their personal goals. Classes are hands-on with quality instructors who have owned and managed their own businesses. Internships are available at many local restaurants and resorts.

## ASSOCIATE IN ARTS: NUTRITION, FOODS AND CULINARY ARTS

### Major Core Requirements

	UNITS
BUS 130	3
HES/NCA 170	3
NCA 001	1.5
NCA 002	2.5
NCA 003	2.5
NCA 004	2
NCA 010	3.5
OR NCA 011	3.5
NCA 021	2.5
NCA 023	3
NCA/HES 170	3

### Elective Requirements (Select 7-9 units from below)

NCA 012	2.5
NCA 013	.5
NCA 014	2
NCA 015	1
NCA 016	.5
NCA 022	3
NCA 024	3
NCA 025	1.5
NCA 026	1.5
NCA 031	1
NCA 032	1

**Total Major Requirements.....30.5-32.5**

## To earn an A.A. in Nutrition, Food Service and Culinary Arts:

1. Complete Major Core Requirements and Major Electives, as outlined above.
2. Complete electives so that major units, plus GE units, plus elective units, total sixty (60) units or higher.

## CERTIFICATE OF SPECIALIZATION

### Baking Entrepreneurship Certificate Requirements

	UNITS
<b>Entrepreneurship</b>	
BUS 121	1
BUS 122	1.5
BUS 123	2
BUS 124	1.5

### Nutrition, Food, and Culinary Arts

NCA 001	1.5
NCA 004	2
NCA 021	2.5
NCA 023	2.5
NCA 025	1.5

**Total Certificate Requirements..... 16**

### Catering Entrepreneurship Certificate Requirements

	UNITS
<b>Entrepreneurship</b>	
BUS 121	1
BUS 122	1.5
BUS 123	2
BUS 124	1.5

### Nutrition, Food, and Culinary Arts

NCA 001	1.5
NCA 002	2.5
NCA 004	2
NCA 012	2.5
NCA 015	2

**Total Certificate Requirements..... 16.5**



**Restaurant Management  
Certificate Requirements**

		UNITS
<b>Entrepreneurship</b>		
BUS 121	Introduction to Entrepreneurship	1
BUS 122	Entrepreneurial Marketing	1.5
BUS 123	Financial Management for Entrepreneurs	2
BUS 124	Preparing Effective Business Plans	1.5

**Nutrition, Food, and Culinary Arts**

NCA 001	Food Safety	1.5
NCA 002	Pro Chef I	2.5
NCA 004	Food Service Cost Control	2
NCA 011	Restaurant Operations	3.5

**Total Certificate Requirements..... 15.5**

**Program Narrative**

The Nutrition, Foods, and Culinary Arts program offers three certificates in addition to the major. Students completing certificates in Baking Entrepreneurship, Catering Entrepreneurship, or Restaurant Management will possess the fundamental skills in planning an entrepreneurial venture or small business with an emphasis in the baking, catering, or restaurant industry. Course work covers the characteristics of entrepreneurs, product or service feasibility, developing a marketing plan, understanding financial planning and ratios, and developing a viable business plan.

**Student Learning Outcomes**

- Apply theories and concepts of cooking and implement techniques to operate or function in a commercial kitchen.
- Apply theories and concepts of baking and implement techniques to operate or function in a commercial kitchen.
- Identify sanitation and safety codes and procedures necessary to maintain a safe foodservice facility.
- Analyze food cost and implement necessary controls to maintain costs and ensure profitability.
- Demonstrate a personal sense of professionalism necessary for working successfully in the foodservice and hospitality industry.
- Gain appreciation for the history, evolution, and international diversity of the culinary arts profession.
- Communicate effectively with customers and fellow employees.
- Apply knowledge and skills and succeed as a cook or baker in a restaurant or other culinary service business.

# OUTDOOR RECREATION LEADERSHIP

RICK STOCK  
530-283-0202, EXT 275

DR. DARLA DERUITER  
530-283-0202, EXT 262

SAYLOR FLETT  
530-283-0202, EXT 216

**Degree**

A.A. Outdoor Recreation Leadership

**Certificate of Achievement**

Outdoor Recreation Leadership

**Certificate of Specialization**

Outdoor Recreation Leadership Entrepreneurship  
Backcountry Search and Rescue

Outdoor Recreation Leadership is a unique program, designed to prepare students for careers in outdoor leadership and outdoor teaching positions as well as your transfer. Experiential education is a hallmark of the program. Feather River College and the surrounding 1.2 million acre Plumas National Forest provide an ideal laboratory for learning skills related to outdoor adventure leadership, and teaching. This is the only associate's degree in Outdoor Recreation Leadership in California.

## ASSOCIATE IN OUTDOOR RECREATION LEADERSHIP

**Major Core Requirements**

		UNITS
BIOL/ENVR 120	Sierra Nevada Natural History	3
ORL 110	Introduction to Recreation and Leisure	3
ORL 116	Principles of Outdoor Recreation	3
ORL 120	Recreation Program Planning	3
ORL 130	Adventure Based Outdoor Recreation	6
ORL 200	Outdoor Recreation Leadership	3
ORL 280	Capstone in Outdoor Recreation Leadership	2
ORL 291	Directed Field Experience	1-3
ENVR/BIOL 120	Sierra Nevada Natural History	3

**Major Elective Requirements (Select 3 units from below)**

BUS 121	Introduction to Entrepreneurship	1
BUS 122	Entrepreneurial Marketing	1.5
BUS 123	Financial Management for Entrepreneurs	2
BUS 124	Preparing Effective Business Plans	1.5
BUS 130	Small Business Management	3
ENVR 102	Introduction to Environmental Studies	3
ENVR/POL 180	Environmental Policy	3
POL/ENVR 180	Environmental Policy	3

**Major Technical Skill Course Electives (Select 3 units from below)**

	UNITS	
ORL 140	Beginning Sea Kayaking	1
ORL 142	Intermediate Sea Kayaking	1
ORL 144	Backcountry Ski & Snowboard	1
ORL 150	Beginning Whitewater Rafting	1
ORL 154	Canoe & Stand-Up Paddleboard	1
ORL 156	Beginning Rock Climbing	1
ORL 158	Intermediate Rock Climbing	1
ORL 160	Beginning Backpacking	1
ORL 161	Intermediate Backpacking	1
ORL 162	Mountaineering	1
ORL 166	Mountain Biking	1
ORL 168	Cross-country Skiing	1
ORL 170	Telemark Skiing	1
ORL 172	Beginning Whitewater Kayak	1
ORL 174	Intermediate Whitewater Kayak	1

**Major Certification Course Electives (Select 3 units from below)**

ORL 152	Whitewater Raft Guiding	2
ORL 180	Wilderness First Responder	2
ORL 182	Swiftwater Rescue Technician Level I	1
ORL 184	Challenge Course Facilitation	1
ORL 188	Wilderness First Responder Recertification	1
ORL 190	Avalanche Technician Level I	1
ORL 192	Swiftwater Rescue Technician – Advanced	1

**Total Major Requirements.....33-35**

**To earn an A.A. in Outdoor Recreation Leadership:**

1. Complete Major Core Requirements, Major Electives, Major Technical Skill Course Electives, and Major Certification Course Electives, as outlined above.
2. Complete FRC General Education (GE), CSU Breadth, or IGETC requirements.
3. Complete additional elective courses when major units plus GE units total is less than sixty (60) units.



**CERTIFICATE OF SPECIALIZATION**

**Outdoor Recreation Leadership**

**Certificate Requirements**

		UNITS
ORL 130	Adventure Based Outdoor Recreation	6
ORL 180	Wilderness First Responder	2
ORL 291	Directed Field Experience	1-3

**Certificate Technical Skill Electives (Select 3 units from below)**

ORL 140	Beginning Sea Kayaking	1
ORL 142	Intermediate Sea Kayaking	1
ORL 144	Backcountry Ski & Snowboard	1
ORL 150	Beginning Whitewater Rafting	1
ORL 154	Canoe & Stand-Up Paddleboard	1
ORL 156	Beginning Rock Climbing	1
ORL 158	Intermediate Rock Climbing	1
ORL 160	Beginning Backpacking	1
ORL 161	Intermediate Backpacking	1
ORL 162	Mountaineering	1
ORL 166	Mountain Biking	1
ORL 168	Cross-country Skiing	1
ORL 170	Telemark Skiing	1
ORL 172	Beginning Whitewater Kayak	1
ORL 174	Intermediate Whitewater Kayak	1

**Certificate Certification Course Electives (Select 3 units from below)**

ORL 152	Whitewater Raft Guiding	2
ORL 180	Wilderness First Responder	2
ORL 182	Swiftwater Rescue Technician Level I	1
ORL 184	Challenge Course Facilitation	1
ORL 188	Wilderness First Responder Recertification	1
ORL 190	Avalanche Technician Level I	1
ORL 192	Swiftwater Rescue Technician – Advanced	1

**Total Certificate Requirements.....15-17**

**Outdoor Recreation Leadership Entrepreneurship**

BUS 121	Introduction to Entrepreneurship	1
BUS 122	Entrepreneurial Marketing	1.5
BUS 123	Financial Management for Entrepreneurs	2
BUS 124	Preparing Effective Business Plans	1.5
ORL 116	Outdoor Recreation Principles	3
ORL 291	Directed Field Experience	1-3
One ORL	Certification Course (see list)	1-2
One ORL	Technical Skill Course (see list)	1

**Total Certificate Requirements.....12-15**

## Backcountry Search and Rescue

	UNITS
One ORL Technical Skill Course (see list)	1
ORL 180 Wilderness First Responder	2
ORL 182 Swiftwater Rescue Technician Level I	1
ORL 190 Avalanche Technician Level I	1
ORL 291 Directed Field Experience	1-3

**Total Certificate Requirements..... 6**

### Program Narrative

Classes in the Outdoor Recreation Leadership Program are designed to balance theory with practice and experience.

Areas of focus include:

- Leading Outdoor Adventure Activities
- Teaching Outdoor Adventure Skills
- Theories of Recreation and Leisure
- Leadership Theory and Practice
- Public Land Management Philosophies
- Principles of Leave No Trace
- Safety and Rescue
- Management of Group Dynamics
- Risk Management in Outdoor Adventure programming
- Natural History Interpretation
- Group Facilitation
- Outdoor Recreation
- Program & Event Planning and Implementation

In addition to classroom-based learning, most Outdoor Recreation Leadership students also act as trip leaders and teacher's assistants as a result of their participation in Directed Field Experience.

Majors must also complete one of the college's general education requirement schemes. Students expecting to transfer to a 4-year university are strongly advised to complete the CSU Breadth or the IGETC requirements rather than the FRC GE requirements.

### Student Learning Outcomes

- **Leadership:** Assess a group & situation to determine what is needed to reach goals while maintaining emotional & physical safety.
- **Communication:** Demonstrate competence in speaking, writing, and use of computers that will lead to successful employment in an entry-level position.
- **Application:** Actively apply knowledge & practiced skills in a variety of settings.
- **Knowledge:** Demonstrate knowledge of concepts and theories in recreation.
- **Involvement:** Demonstrate knowledge of issues related to the recreation field, develop opinions about them, and advocate for that position.
- **Environment:** Develop a philosophy & life style that reflects an understanding of the effect humans have on the environment, trying to mediate the harmful consequences of human behavior.

# PHYSICAL SCIENCE

OFFICE OF INSTRUCTION

530-283-0202, EXT 242

### Degree

A.S. Physical Science

The Associate of Science Degree in Physical Science offers a flexible, broad-based, and interdisciplinary approach directed toward and understanding of our physical world. Students who contemplate transfer to a university Bachelor of Science program and who envision themselves a teacher or professional in the sciences will find the Physical Science Degree especially valuable.

Majors must also complete one of the college's general education requirement schemes. Students expecting to transfer to a 4-year university are strongly advised to complete the CSU Breadth or the IGETC requirements rather than the FRC GE requirements.

## ASSOCIATE IN PHYSICAL SCIENCE

### Major Core Requirements (Select a minimum of 8 units from below)

	UNITS
MATH 108 Introduction to Trigonometry	1
MATH 110 College Algebra	4
MATH 116 Pre-Calculus	4
MATH 202 Elementary Statistics	4
MATH 218 Calculus I	4
MATH 220 Calculus II	4

### A minimum of 28 units from the following:

BIOL 102 Biochemistry, Cell & Molecular Biology and Genetics	4
CHEM 100 Introductory Inorganic Chemistry	4
CHEM 102 General Inorganic Chemistry I	5
CHEM 104 General Inorganic Chemistry II	5
CHEM 106 Introduction to Organic Chemistry	5
ENVR/GEOG 201 Introduction to Geographic Information Systems (GIS)	3
GEOG 102 Physical Geography	3
GEOG/ENVR 201 Introduction to Geographic Information Systems (GIS)	3
GEOL 102 Physical Geology	4
PHYS 100 Concepts in Physics	3
PHYS 102 General Physics I	4
PHYS 104 General Physics II	4
PHSC 120 Introduction to Astronomy	3

**Total Major Requirements..... 36**

**To earn an A.S. in Physical Science:**

1. Complete Major Requirements and Major Electives (if applicable), as outlined above.
2. Complete FRC General Education (GE), CSU Breadth, or IGETC requirements.
3. Complete electives so that major units, plus GE units, plus elective units, total sixty (60) units or higher.

**Program Narrative**

The program will introduce students to a wide spectrum of college mathematics and science courses designed to provide a solid foundation, as well as the core requirements for transfer. Completion of the Physical Science Degree at Feather River College will demonstrate commitment to the field, as well as provide comprehensive preparation for upper division work of science and attainment of a degree supportive of attempts to gain entry-level employment or advancement.

**Student Learning Outcomes**

Upon completion of the program, students will be able to:

- Know, use, and interpret scientific explanations of the natural world
- Generate and evaluate scientific evidence and explanations
- Understand the nature and development of scientific knowledge
- Participate productively in scientific practices and discourse



# POLITICAL SCIENCE

DR. KATIE DESMOND  
530-283-0202, EXT 202

**Degree**

A.A.-T Political Science

The study of politics is the study of power. Political science students study power relationships between people and government, and the decisions that affect peoples' lives at the state, national, and international levels. The program offers foundational courses in the field that explore topics in international relations, American politics, globalization and development, race/class/gender, public policy, human rights, law, public opinion, bureaucracy, and foreign policy. In their studies, students will develop an appreciation for citizen involvement and how civic engagement and social movements can compel change in this world.

## ASSOCIATE OF ARTS FOR TRANSFER IN POLITICAL SCIENCE

**Major Core Requirements**

	<b>UNITS</b>
POL 101 Government and Politics in the United States	3
POL 150 Introduction to Political Science	3
POL 130 Introduction to International Relations	3
MATH 202 Elementary Statistics	4

**Elective Requirements (Select 6 units from below, \*recommended)**

ENVR/POL 180* Environmental Policy	3
BUS 106 Principles of Economics (Macro)	3
GEOG 104 Cultural Geography	3
HIST 104 Modern Western Civilization	3
HIST 110 The United States Since 1877	3
HIST 112 Modern World History	3
POL 140* Introduction to Race and Ethnicity	3
POL/SOC 160* Globalization	3
POL/ENVR 180* Environmental Policy	3
SOC 102 Introduction to Sociology	3
SOC/POL 160* Globalization	3

**Total Major Requirements..... 19**

**To earn an A.A.-T in Political Science:**

1. Complete major requirements as outlined above.
2. Complete CSU General Education Breadth or IGETC requirements.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher.

**TMC Disclaimer:** This is a new TMC that is currently under review by the California Community College Chancellor's Office. You may take courses toward the major's during this process. Please contact the program director for more information or work with an advisor before signing up for any classes.

### Program Narrative

This major will build student skills in critical thinking, effective written and oral communication, and emphasizes global citizenship. This will prepare students for an advanced degree, professional certificates, and for a broad range of career options. This major is well suited for students interested in pursuing employment in public service; public administration; with governmental, non-governmental, and grassroots organizations; in research; communications; journalism; law; teaching; policy analysis; and/or politics.

The Political Science Associates Degree for Transfer (A.A.-T) is designed for students who intend to pursue a degree in political science or a related discipline, and who plan to transfer to a four-year college or university. The degree is especially designed for students preparing for transfer into the California State University system.

Political Science majors should check the degree requirements of the university to which they intend to transfer and should meet with an academic advisor to construct an academic plan. Students who intend to transfer into a political science degree at CSU, Chico should consult the various degree requirements.

### Student Learning Outcomes

Upon completion of the Political Science program coursework, students will be able to:

- Identify and define the core concepts of political science and government that apply to the state, national, and international levels.
- Apply research methods and major theoretical perspectives to analyze political behavior, and the role of structures and institutions of power and governance.



# SOCIOLOGY

DR. KATIE DESMOND  
530-283-0202, EXT 202

### Degree

A.A.-T Sociology

Sociology is the systematic study of human society and social interactions. Students in this major explore how the interactions between individuals, groups, and the larger society shape and are shaped by social institutions such as the criminal justice system, education, government, economic structures, the media, politics, family, and religion. Using sociological theories and social science research methods, sociology students will examine how socioeconomic status, race, ethnicity, age, gender, sexualities, etc. affect behavior, interactions, and experiences in diverse societies. With these perspectives and approaches, students will critically examine contemporary social issues and problems.

## ASSOCIATE OF ARTS FOR TRANSFER IN SOCIOLOGY

### Major Core Requirements

	UNITS
SOC 102 Introduction to Sociology	3
SOC 150 Social Trends and Problems	3
MATH 202 Elementary Statistics	4

### Major Elective Requirements (Select 9 units from below)

#### List A (Select 6 units from below)

ADMJ 203 Introduction to Multiculturalism	3
ADMJ 112 Introduction to Criminology	3
POL/SOC 140 Introduction to Race and Ethnicity	3
POL/SOC 160 Globalization	3
PSY 102 Introduction to Psychology	3
SOC 110 Introduction to Marriage and Family	3
SOC 100 Sex, Gender, and Society	3
SOC/POL 140 Introduction to Race and Ethnicity	3
SOC/POL 160 Globalization	3

#### List B (Select 3 units from below)

ANTH 100 Introduction to Cultural Anthropology	3
GEOG 104 Cultural Geography	3
ECE 153 Child, Family and Community	3

**Total Major Requirements..... 19**

**To earn an A.A.-T in Sociology:**

1. Complete major requirements as outlined above.
2. Complete CSU General Education Breadth or IGETC requirements.
3. Complete electives so that major units, plus GE units, plus elective units total sixty (60) units or higher.

**TMC Disclaimer:** This is a new TMC that is currently under review by the California Community College Chancellor's Office. You may take courses toward the major's during this process. Please contact the program director for more information or work with an advisor before signing up for any classes.

**Program Narrative**

This major will build student skills in critical thinking, effective written and oral communication. Sociology is a broad discipline and includes medical sociology, social psychology, criminology, family studies, social problems, deviance, disabilities, peace studies, and child development. The major will prepare students for an advanced degree, professional certificates, and for a broad range of career options. A number of careers are open to sociology majors including social service, social work, law, education, counseling, criminal justice, business, research, government, and communication.

The Sociology Associates Degree for Transfer (A.A.-T) is designed for students who intend to pursue a degree in sociology or a related discipline, and who plan to transfer to a four-year college or university. The degree is especially designed for students preparing for transfer into the California State University system.

Sociology majors should check the degree requirements of the university to which they intend to transfer and should meet with an academic advisor to construct an academic plan.

**Student Learning Outcomes**

Upon completion of the Sociology program coursework, students will be able to:

- Understand the interrelationships of individuals, social groups, social institutions, culture and society.
- Analyze the interaction of individuals, social groups, social institutions, and cultures using social science research methods and major sociological perspectives.



# STUDIO ARTS

**Degree**

A.A.-T Studio Arts

Studio Arts artists produce expressive images that educate us, please and challenge us, and document societal trends. The Studio Arts Degree prepares students for transfer to an art institute or private academy, a four-year college, a specialized art-related program or apprenticeship, or to work as an exhibiting artist. Various career opportunities evolve from a study of the basics of studio arts leading to jobs in design, animation, gaming and concept design, gallery exhibition, fashion, painting, digital and film photography, sculpture, graphic design, and industrial design. All studio arts disciplines are rooted in the language of visual creation. The Department of Labor statistics indicate visual art fields will enjoy healthy growth in the coming years since communication is heavily visual in the modern era.

Studio Arts curriculum provides the foundation in visual language production modalities, understanding implementation and concept, critical thinking linked to visual analysis, and historical evidence of the role of art in society.

**ASSOCIATE IN ARTS IN STUDIO ARTS TRANSFER DEGREE**

**Major Core Requirements**

	<b>UNITS</b>
ART 107 Two Dimensional Design	3
ART 109 Three Dimensional Design	3
ART 116 Drawing I	3
ART 174 World Art History: 1500 to Present	3

**Art History Restricted Elective Requirements (Select 3 units from below)**

ART 166 Art of the Modern Period	3
ART 172 World Art History: Pre-history to 1500	3

**Elective Requirements (Select 9 units from below)**

ART 117 Drawing II	3
ART 122 Painting I	3
ART 124 Painting II	3
ART 126 Color Theory	3
ART 128 Introduction to Printmaking	3
ART 132 Life Drawing I	3
ART 134 Life Drawing II	3
ART 136 Life Painting I	3
ART 138 Life Painting II	3
ART 140 Sculpture I	3
ART 142 Sculpture II	3
ART 144 Introduction to Ceramics	3
ART 150 Introduction to Photography	3
ART 151 Intermediate Photography	3
ART 291 Directed Study	1-5

**Total Major Requirements..... 24**

**To earn an A.A.-T in Studio Arts:**

1. Complete major requirements as outlined above.
2. Complete CSU General Education Breadth or IGETC requirements.
3. Complete transferable electives so that major units, plus GE units, plus transferable elective units total sixty (60) units or higher.

**TMC Disclaimer:** This is a new TMC that is currently under review by the California Community College Chancellor's Office. You may take courses toward the major's during this process. Please contact the program director for more information or work with an advisor before signing up for any classes.

**Student Learning Outcomes**

Students graduating with an Associate in Arts Studio Arts Transfer Degree will:

- Have a basic skill set for practice of art in one or more disciplines:
  - Drawing
  - Painting
  - Photography
  - Design
- Have a basic understanding of Western and non-Western art in terms of art history, aesthetics, and art criticism.
- Have a developed sense of motivation for creative expression, technical skill building, conceptual development, and visual analysis.



## ADMINISTRATION OF JUSTICE

**ADMJ 102** INTRODUCTION TO ADMINISTRATION OF JUSTICE **3 UNITS**  
**HOURS: 3 LEC** **CSU (D8), UC**

This course introduces students to the characteristics of the criminal justice system in the United States. Focus is placed on examining crime measurement, theoretical explanations of crime, responses to crime, components of the system, and current challenges to the system. The course examines the evolution of the principles and approaches utilized by the justice system and the evolving forces which have shaped those principles and approaches. Although justice structure and process is examined in a cross cultural context, emphasis is placed on the US justice system, particularly the structure and function of US police, courts, and corrections. Students are introduced to the origins and development of criminal law, legal process, and sentencing and incarceration policies.

**ADMJ 105** COMMUNITY AND HUMAN RELATIONS **3 UNITS**  
**HOURS: 3 LEC** **CSU, UC**

This course examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics may include the consensus and conflicting values in Cultural, Religion, and Law.

**ADMJ 106** INTRODUCTION TO EVIDENCE **3 UNITS**  
**HOURS: 3 LEC** **CSU**

This course examines categories of evidence and legal rules governing its admission and exclusion in the criminal process.

**ADMJ 108** INTRODUCTION TO INVESTIGATION **3 UNITS**  
**HOURS: 3 LEC** **CSU**

This course addresses the techniques, procedures, and ethical issues in the investigation of crime, including organization of the investigative process, crime scene searches, interviewing and interrogating, surveillance, source of information, utility of evidence, scientific analysis of evidence and the role of the investigator in the trial process.

**ADMJ 112** INTRODUCTION TO CRIMINOLOGY **3 UNITS**  
**HOURS: 3 LEC** **CSU**

An introduction into major types of criminal behavior, characteristics of offenders, factors that contribute to crime and delinquency; the criminal justice process; the function of law enforcement, courts, probation, parole and institutions; changes in crime control and treatment processes; the role of society. Not open for credit to students who have had a sociology Crime and Delinquency course.

**ADMJ 116** VICE, NARCOTICS AND ORGANIZED CRIME **3 UNITS**  
**HOURS: 3 LEC** **CSU**

Drug identification, drug prevention techniques and strategies, and drug addiction treatment; interrelations of organized crime to the community, impact of covert criminal activities upon the social structure, symptoms of organized crime activity, i.e. vice, narcotics, and organized criminal enterprises; political influences of organized crime in the legal system; investigation of organized crime.

**ADMJ 118** POLICE FIELD OPERATIONS **3 UNITS**  
**HOURS: 3 LEC** **CSU**

History and development of patrol philosophy; planning for field activities to include functions of patrol, traffic, and other investigative duties of the field officer; techniques for planning patrol activities; handling complaints and requests for services; mechanics of field interviews, searches, and arrests; handling traffic-related problems; civil and domestic disturbances and other community crime incidents.

**ADMJ 120** INTRODUCTION TO CORRECTIONS **3 UNITS**  
**HOURS: 3 LEC** **CSU**

Survey of correctional science. Historical development, current concepts and practice; explanations of criminal behavior; functions and objectives of the criminal justice system concerned with institutional, probation, and parole processes as they modify the offender's behavior; survey of professional career opportunities in public and private agencies.

### GENERAL EDUCATION/CORE CLASS IDENTIFICATION

The transfer requirements satisfied by FRC courses for California four-year universities or University of Nevada, Reno are indicated below the unit value of each course. The IGETC pattern applies to both the California State University (CSU) and University of California (UC) Systems, as well as the University of Nevada, Reno. The letters in parentheses indicate any General Education (GE) Breadth area also satisfied. Please refer to the CSU and IGETC transfer patterns (pages 75-77) or meet with an academic advisor for clarification.

**ADMJ 125** INTRODUCTION TO WILDLIFE ISSUES AND LAWS **2 UNITS**  
**HOURS: 2 LEC** **CSU**

In-depth studies of wildlife issues, laws, and regulations throughout North America and the world. The course includes in-depth discussions and analysis of the Endangered Species Act, commercialization of wildlife, illegal trade of wildlife, introduction of exotic species, the effects of pollution on wildlife, depredation wildlife and human populations' effect upon wildlife. Possible solutions to wildlife issues will be reviewed. Cross-listed with ENVR 125.

**ADMJ 126** CRIME SCENE INVESTIGATION **3 UNITS**  
**HOURS: 3 LEC** **CSU**

This course provides an introduction to the role of forensics in criminal investigations. It examines the methods utilized in the forensic analysis of crime scenes, pattern evidence, instruments, firearms, questioned documents and controlled substances.

**ADMJ 128** INTRODUCTION TO TERRORISM **3 UNITS**  
**HOURS: 3 LEC** **CSU**

This course is designed to provide the student with a historical overview of terrorism, its development in modern times, and its impact on society.

**ADMJ 201** INTRODUCTION TO COMMUNITY POLICING **3 UNITS**  
**HOURS: 3 LEC** **CSU**

Community policing involves a rethinking of the role of the police and restructuring of the police organization. It emphasizes community/police collaboration and policing as problem-solving instead of responding to crime. Building partnerships with the community is emphasized. Community-Oriented Policing and Problem-Oriented Policing efforts will be analyzed.

**ADMJ 203** INTRODUCTION TO MULTICULTURALISM **3 UNITS**  
**HOURS: 3 LEC** **CSU**

Police community relations will be covered to include the tension caused by minority concern with equal protection under the law and the police concern with crime control and order maintenance. The history of racism in America as it relates to police and minority relations will be a focus of the course. Diversity will be placed in context of other disciplines such as anthropology, sociology, political science, and history.

**ADMJ 204** CRIMINAL LAW AND PROCEDURE **3 UNITS**  
**HOURS: 3 LEC** **CSU, UC**

This course offers an analysis of the doctrines of criminal liability in the United States and the classification of crimes against persons, property, morals, and public welfare. Special emphasis is placed on the classification of crime, the general elements of crime, the definitions of common and statutory law, and the nature of acceptable evidence. This course utilizes case law and case studies to introduce students to criminal law. The completion of this course offers a foundation upon which upper-division criminal justice course will build. The course will also include some limited discussion of prosecution and defense decision-making, criminal culpability, and defenses to crimes. Prerequisite: ADMJ102

**ADMJ 206** CURRENT ISSUES IN ADMINISTRATION OF JUSTICE **3 UNITS**  
**HOURS: 3 LEC** **CSU**

An examination of recent textual materials, government reports, and periodicals to study contemporary issues throughout the criminal justice system - police, courts and corrections — including but not limited to juvenile delinquency, crime rates and racial discrimination within the system; the death penalty; domestic and family violence; punishment and rehabilitation in the correctional system, police misconduct, police brutality, and excessive use of force. Course includes preparation of a research paper.

**ADMJ 291** DIRECTED STUDY **1-5 UNITS**  
**HOURS: 18-270** **CSU**

A student may take advanced course work or complete a student designed project in Administration of Justice after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor and Chief Instructional Officer, and placed on file with the Office of Instruction.

## AGRICULTURE

**AG 270** FUNDAMENTALS OF AGRICULTURE EDUCATION & EMPLOYMENT **.5 UNIT**  
**HOURS: .5 LEC** **CSU**

Articulate knowledge in education and employment opportunities in agriculture. Includes Feather River College educational plan development and curriculum requirements toward educational goals for Agriculture majors. Addresses job seeking skills, presentation, interviewing, resume development, and transfer procedures to other educational programs. Current events that impact agriculture and society will be discussed.



**AG 271** AGRICULTURE EDUCATION AND EMPLOYMENT .5 UNIT  
HOURS: .5 LEC CSU

Articulate knowledge in education and employment opportunities in agriculture. Includes graduation plan development and curriculum requirements toward educational goals for transfer Agriculture majors. Completion of applications at four year transfer institutions. Includes critique of the Agriculture Program and knowledge acquired while at Feather River College. Current events that impact agriculture and society will be discussed.

**AG 291** DIRECTED STUDY FIELD 1-5 UNITS  
HOURS: 18 LEC; 54 LAB; 90 CSU

A student may take advanced course work or complete a student designed project in Agriculture after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor and Chief Instructional Officer, and placed on file with the Office of Instruction.

**AG 295** COMMUNITY SERVICE LEARNING IN AGRICULTURE .5-3 UNITS  
HOURS: 4.5-36 LEC; 13.5-81 LAB

Individual opportunities to complete a community service- learning project that provides service that will be of benefit to the community, including internship, apprenticeship, or other volunteer opportunities. The service is associated with knowledge and skills developed within their Agriculture studies. Students identify and complete different objectives for each unit of credit.

**AG 299** SPECIAL TOPICS IN AGRICULTURE .5-3 UNITS  
HOURS: 4.5-36 LEC, 13.5-81 LAB CSU

Course covers selected topics in evolving issues or research in the area of Agriculture or special field topics not covered by regular course offerings. Independent student research and presentation are emphasized.

## AGRICULTURE BUSINESS

**AGAB 110** INTRODUCTION TO AGRICULTURE BUSINESS 3 UNITS  
HOURS: 3 LEC CSU

This class is a survey and basic understanding of the business and economics of the agriculture industry. It is an introduction to the economic aspects of agriculture and their implications to the agricultural producer, consumer and the food system. The management principles encountered in the day to day operation of an agricultural enterprise are stressed as they relate to the decision making process.

**AGAB 112** AGRICULTURE SALES AND COMMUNICATION 3 UNITS  
HOURS: 2 LEC; 3 LAB CSU

This course involves the study of principles of the selling process: selling strategies and approaches, why and how people buy, prospecting, and customer service. Self-management, communication, and interpersonal skills necessary in developing leadership qualities, and facilitating teamwork within the agribusiness sector will be explored. Students will gain experience through role-play and formal sales presentations.

**AGAB 150** AGRICULTURE COMPUTER APPLICATIONS 3 UNITS  
HOURS: 3 LEC CSU

Computer use in the workplace with emphasis on agribusiness situations. Computer applications including word-processing, spreadsheets, databases, and presentation managers will be covered. Also included will be instruction on accessing information through the Internet and World Wide Web, telecommunications, an introduction to web page design and other software applications appropriate to agribusiness. Formerly AG150.

**AGAB 188** FARM MANAGEMENT 3 UNITS  
HOURS: 2 LEC; 3 LAB CSU

Organization and operation of farm and ranch businesses. Identification of factors affecting profitability. Evaluation of the business for increased efficiency and profit. Application of budgeting to laboratory farm and independent analysis of a farm.

### GENERAL EDUCATION/CORE CLASS IDENTIFICATION

The transfer requirements satisfied by FRC courses for California four-year universities or University of Nevada, Reno are indicated below the unit value of each course. The IGETC pattern applies to both the California State University (CSU) and University of California (UC) Systems, as well as the University of Nevada, Reno. The letters in parentheses indicate any General Education (GE) Breadth area also satisfied. Please refer to the CSU and IGETC transfer patterns (pages 75-77) or meet with an academic advisor for clarification.

## ANIMAL SCIENCE

**AGAS 120** INTRODUCTION TO ANIMAL SCIENCE 3 UNITS  
HOURS: 2 LEC; 3 LAB CSU, UC

This course is a survey of the livestock industry, supply of animal products, and their uses in animal production. There is a special emphasis on the origin, characteristics, adaptation, and contributions of farm animals to the agriculture industry. The student will analyze the economic and environmental roles of animal production and companionship to society. A survey of nutrition, genetics, reproduction, behavior, growth and development of animals is included. Animal products, biosecurity, and food processing will also be addressed.

**AGAS 125** ANIMAL FEEDS AND NUTRITION 3 UNITS  
HOURS: 2 LEC; 3 LAB CSU

The science of animal nutrition; the fundamentals of digestion and absorption in both ruminants and non-ruminants are discussed. The nutritive value of feeds as they relate to the formulation of livestock rations will be emphasized including by-product feeding.

**AGAS 164** ANIMAL BEHAVIOR 3 UNITS  
HOURS: 3 LEC CSU, UC

General introduction to animal behavior. Behavior of individual animals, animal relationships, origins of behavior, and social organizations are discussed. Cross-listed with BIOL164.

**AGAS 266** ADVANCED AQUACULTURE 3 UNITS  
HOURS: 3 LEC CSU

This course builds upon the knowledge gained in ENVR250 Fish Culture and delve deeper into the subjects of water quality, water management, feed management, inventory, and bio filtration. These subjects are the driving force for recirculation fish culture. Students will explore the important mechanical components of a system and the role each plays in the life support of the culture species. Cross-listed with ENVR 266.

## EQUINE STUDIES

**AGEQ 001** WESTERN HORSEBACK RIDING FOR BEGINNING RIDERS .5-2 UNITS  
HOURS: .25-1 LEC; .75-3 LAB

Western riding techniques and equitation for beginning riders. Participants learn the principles of general horse care, equipment and tack, and horse riding. Students will develop their skills through practical experience and will have "individualized" equitation lessons in a group setting.

**AGEQ 009** DRAFT HORSE DRIVING I .5 UNIT  
HOURS: 4.5 LEC; 13.5 LAB

Work horse history, attitude, approach, dynamics of draft, anatomy, health care, harness and harnessing, and principles of driving.

**AGEQ 010** DRAFT HORSE DRIVING II .5 UNIT  
HOURS: 4.5 LEC; 13.5 LAB

Work horse history, attitude, approach, dynamics of draft, anatomy, health care, harness and harnessing, and principles of driving. Progressive skill development from course prerequisite AGEQ 009 to gain proficiency to harness and drive a single or double draft team with assistance.

**AGEQ 011** DRAFT HORSE DRIVING III .5 UNIT  
HOURS: 4.5 LEC; 13.5 LAB

Work horse history, attitude, approach, dynamics of draft, anatomy, health care, harness and harnessing, and principles of driving. Progressive skill development from course prerequisite AGEQ 010 to gain proficiency to harness and drive a single or double draft team unassisted.

**AGEQ 102** ELEMENTS OF EQUINE SCIENCE 3 UNITS  
HOURS: 2.5 LEC; 1.5 LAB CSU, UC

This course is a survey of the equine industry, encompassing the evolution and role of the equine species throughout history, breed selection and development, nutrition, disease, preventative health care, reproductive management, basic anatomy and physiology, and equine career options.

<b>AGEQ 103</b> HOURS: 1 LEC; 3 LAB	<b>WESTERN EQUITATION I</b>	<b>2 UNITS</b> CSU (E), UC
Western riding techniques and equitation. Designed to teach horseback riding to students with little or no previous experience, and those who have experience riding, but have not had the opportunity to "take lessons." Students will develop their skills through practical experience, and will have "individualized" equitation lessons in a group setting.		
<b>AGEQ 104</b> HOURS: 18 LEC	<b>HORSE CONFORMATION AND JUDGING</b>	<b>1 UNIT</b> CSU, UC
Horse Conformation is a survey course, which covers varied elements of horse conformation and judging as it relates to the horse in action. Participant will be able to identify and recognize desired horse conformation for various types of equitation and demonstrate an overall knowledge of how the horse moves. Basic horse anatomy and physiology; bone structure, circulatory, and respiratory systems as they relate to the horse in motion.		
<b>AGEQ 106</b> HOURS: 1 LEC; 3 LAB	<b>WESTERN EQUITATION II</b>	<b>2 UNITS</b> CSU
Intermediate and advanced western riding techniques and equitation. Use of natural aides for advanced equitation and riding maneuvers. Horse behavior and psychology.		
<b>AGEQ 107</b> HOURS: 2.5 LEC; 1.5 LAB	<b>ELEMENTS OF PACK STATION AND STABLE OPERATIONS</b>	<b>3 UNITS</b> CSU
Major business and skill aspects of pack station and horse stable management. Operational theories, practical applications, and specific skills in horse packing and guided horseback rides will be discussed in this course. The program is designed to expose students to current pack station and stable operations theories and their practical application, and to provide student with specific skills in the pack station and stable operations field. Co-requisites: AGEQ 107 and AGEQ 108 are to be completed at the same time.		
<b>AGEQ 108</b> HOURS: 1 LEC; 3 LAB	<b>FUNDAMENTALS OF PACK STATION &amp; STABLE OPERATIONS-FIELD EXPERIENCE</b>	<b>2 UNITS</b> CSU
Course demonstrates practical skills necessary in organizing and implementing an actual pack trip. Practical applications of skills such as how to plan, organize, and implement a three-day pack trip. The application of skills learned in course co-requisite AGEQ 107.		
<b>AGEQ 109</b> HOURS: 1 LEC; 3 LAB	<b>PACK STATION &amp; STABLE OPERATIONS- FIELD EXPERIENCE</b>	<b>2 UNITS</b>
Course demonstrates practical skills necessary in organizing and implementing a pack trip. Practical applications of skills such as the planning, organization and implementing of a three-day pack trip. The progressive application of skills learned in prerequisite AGEQ 108.		
<b>AGEQ 115</b> HOURS: 4.5-27 LEC; 13.5-81 LAB	<b>ELEMENTS OF HORSE TRAINING I</b>	<b>.5-3 UNITS</b> CSU
Elements of Horse Training I covers various elements of horse behavior modification. Participants will be able to understand a variety of techniques to teach the horse to respond and advance in progressive levels from AGEQ115 through AGEQ118, the course levels provides the skills to explain, demonstrate, compare, contrast, differentiate, create and evaluate horse training philosophies, techniques and specific skills.		
<b>AGEQ 116</b> HOURS: 4.5-27 LEC; 13.5-81 LAB	<b>ELEMENTS OF HORSE TRAINING II</b>	<b>.5-3 UNITS</b> CSU, UC
Elements of Horse Training II covers various elements of horse training techniques and concepts. Participants will be able to progress in AGEQ116 enhanced understanding and skill development from AGEQ115. The ability to compare and contrast horse training philosophies, techniques, and specific skills. Prerequisite: AGEQ 115.		
<b>AGEQ 117</b> HOURS: 4.5-27 LEC; 13.5-81 LAB	<b>ELEMENTS OF HORSE TRAINING III</b>	<b>.5-3 UNITS</b>
Elements of Horse Training III covers various elements of horse training techniques and concepts. Participants will be able to progress in AGEQ117 enhanced understanding and skill development from AGEQ116, the ability to differentiate and demonstrate horse training philosophies, techniques and specific skills. Prerequisite AGEQ 116.		

<b>AGEQ 118</b> HOURS: 4.5-27 LEC; 13.5-81 LAB	<b>ELEMENTS OF HORSE TRAINING IV</b>	<b>.5-3 UNITS</b> CSU
Elements of Horse Training IV covers various elements of horse training techniques and concepts. Participants will be able to progress in AGEQ118 enhanced understanding and skill development from AGEQ117, the ability to create and evaluate horse training philosophies, techniques and training skills. Prerequisite AGEQ 117.		
<b>AGEQ 123</b> HOURS: 18 LEC	<b>INTRODUCTION TO FARRIER SCIENCE</b>	<b>1 UNIT</b> CSU
Elements of Horse Training II covers various elements of horse training techniques and concepts. Participants will be able to progress in AGEQ116 enhanced understanding and skill development from AGEQ115. The ability to compare and contrast horse training philosophies, techniques, and specific skills. Prerequisite: AGEQ 115.		
<b>AGEQ 124</b> HOURS: 18 LEC	<b>ELEMENTS OF FARRIER SCIENCE</b>	<b>1 UNIT</b> CSU
Horseshoeing principles and practices, including anatomy and physiology of the horse's limbs and feet, horseshoeing terminology, and guidelines for assessing a proper horseshoeing job. Causes, treatment and prevention of common lameness problems. Progression of student learning outcomes from course prerequisite AGEQ 123.		
<b>AGEQ 135</b> HOURS: 3-6 LAB	<b>CONDITIONING THE HORSE AND RIDER I</b>	<b>.5-1 UNITS</b> CSU
Development of sport specific strength, neuromuscular strength, power and speed for both horse and rider. A progression of exercises and techniques to maximize individual performance, minimize injury, develop and maintain a safe and healthy horse and rider conditioning program.		
<b>AGEQ 136</b> HOURS: 3-6 LAB	<b>CONDITIONING THE HORSE AND RIDER I</b>	<b>.5-1 UNITS</b> CSU
Development of sport specific strength, neuromuscular strength, power and speed for both horse and rider. A progression of exercises and techniques to maximize individual performance, minimize injury, develop and maintain a safe and healthy horse and rider conditioning program. Demonstrate exercises for both horse and rider. Progression of skills from prerequisite course AGEQ 135.		
<b>AGEQ 137</b> HOURS: 3-6 LAB	<b>CONDITIONING THE HORSE AND RIDER III</b>	<b>.5-1 UNITS</b> CSU
Development of sport specific strength, neuromuscular strength, power and speed for both horse and rider. A progression of exercises and techniques to maximize individual performance, minimize injury, develop and maintain a safe and healthy horse and rider conditioning program. Evaluate exercises for both horse and rider. Progression of skills from prerequisite course AGEQ 136.		
<b>AGEQ 138</b> HOURS: 3-6 LAB	<b>CONDITIONING THE HORSE AND RIDER IV</b>	<b>.5-1 UNITS</b> CSU
Development of sport specific strength, neuromuscular strength, power and speed for both horse and rider. A progression of exercises and techniques to maximize individual performance, minimize injury, develop and maintain a safe and healthy horse and rider conditioning program. Develop exercises for both horse and rider. Progression of skills from prerequisite course AGEQ 137.		
<b>AGEQ 140</b> HOURS: 1.5 LEC; 1.5 LAB	<b>INTRODUCTION TO EQUINE BEHAVIOR &amp; TRAINING</b>	<b>2 UNITS</b> CSU
Introduction to the principals involved in handling and training horses with an emphasis on the historical perspectives and technical development of the unique cooperation between horses and humans. Course covers equine behavior patterns and training philosophy, evolution of horsemanship, development of training equipment, alternative equine health care and therapies.		
<b>AGEQ 141</b> HOURS: 1.5 LEC; 1.5 LAB	<b>EQUINE BEHAVIOR AND TRAINING</b>	<b>2 UNITS</b> CSU
Principles involved in handling and training horses utilizing behavior modification procedures that emphasize communication thru knowledge, skills, and respect for the horse. Course includes equine training behavior patterns on the ground and in the saddle. Innovative horse training techniques, equine training problems and general solutions.		

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

The transfer requirements satisfied by FRC courses for California four-year universities or University of Nevada, Reno are indicated below the unit value of each course. The IGETC pattern applies to both the California Sate University (CSU) and University of California (UC) Systems, as well as the University of Nevada, Reno. The letters in parentheses indicate any General Education (GE) Breadth area also satisfied. Please refer to the CSU and IGETC transfer patterns (pages 75-77) or meet with an academic advisor for clarification.

**AGEQ 175** **RANCH SKILLS SHORT COURSE** **10 UNITS**  
**HOURS: 162 LEC; 54 LAB** **CSU**

Techniques and skills necessary for ranch work using horses. Designed to teach horseback riding to students with little or no previous experience, and those who have experience riding, but have not had the opportunity to "take lessons." Students will develop their skills through practical experience, and will have "individualized" equitation lessons in a group setting. Application of introductory, intermediate and advanced roping and cattle working techniques. Allows student to participate in working cows, roping, sorting and other ranch related activities. Successful achievement of student learning outcomes will lead to a Certificate of Specialization in Fundamentals of Ranch Skills. Along with the Certificate of Specialization, students can apply the AGEQ 175 Ranch Skills Short Course as a substitute for the following courses when utilized towards the Equine Studies Associate Degree or Equine Studies Certificate of Achievement: AGEQ 001 (2 units), AGEQ 103 (2 units), AGEQ 210 (2 units), AGEQ 211 (2 units), and AGEQ 212 (2 units).

**AGEQ 180** **RODEO SKILLS AND TECHNIQUES: MEN'S EVENTS** **1-4 UNITS**  
**HOURS: .5-2 LEC; 1.5-6 LAB** **CSU, UC**

This course focuses on the fundamental, theory, and practice of intercollegiate men's rodeo events; bareback riding, saddle bronc riding, bull riding, tie down roping, steer wrestling, team roping emphasizing the physiology and physical foundations, history of the sport, scoring, rule interpretation, and judging. The course will also provide the student the opportunity to study, learn, and practice the skills and techniques necessary to participate in intercollegiate men's rodeo events.

**AGEQ 181** **RODEO SKILLS AND TECHNIQUES: WOMEN'S EVENTS** **1-4 UNITS**  
**HOURS: .5-2 LEC; 1.5-6 LAB** **CSU, UC**

This course focuses on the fundamental, theory, and practice of intercollegiate woman's rodeo events; barrel racing, goat tying, break away roping, team roping emphasizing the physiological fundamentals, history of the sport, scoring, rule interpretation, and judging. The course will also provide the student the opportunity to study, learn, and practice the skills and techniques necessary to participate in intercollegiate women's rodeo events.

**AGEQ 182** **INTERCOLLEGIATE RODEO** **2 UNITS**  
**HOURS: 1 LEC; 3 LAB** **CSU, UC**

Designed to provide students' the opportunity to further develop their proficiency in men & women's intercollegiate rodeo events. Methods in competitive performance, individual and team strategy, in a National Intercollegiate Rodeo Association (NIRA) sanctioned competition event. Enrollment limited to those qualified to compete in intercollegiate rodeo.

**AGEQ 184** **ADVANCED INTERCOLLEGIATE RODEO** **2 UNITS**  
**HOURS: 1 LEC; 3 LAB** **CSU**

Designed to provide students' the opportunity to further advance their proficiency in men & women's intercollegiate rodeo events. Methods in competitive performance, individual and team strategy, in a National Intercollegiate Rodeo Association (NIRA) sanctioned competition event. Enrollment limited to those qualified to compete in intercollegiate rodeo.

**AGEQ 186** **RODEO PRODUCTION** **1 UNIT**  
**HOURS: 1 LEC; 3 LAB** **CSU**

Practical application of the planning, organizing, and staging an intercollegiate rodeo. Students participate in all aspects of rodeo production, procedures, promotion, finance, rodeo contractors, and sponsorship.

**AGEQ 204** **TRAINING YOUNG HORSES UNDER SADDLE: FALL** **2 UNITS**  
**HOURS: .5 LEC; 4.5 LAB** **CSU**

Basic principles involved in handling and training the young horse. Course includes groundwork, philosophy of colt starting, advancing the green horse, and problem solving. Special emphasis on continuing the fall training of two-year olds started in the spring.

**AGEQ 205** **TRAINING YOUNG HORSES UNDER SADDLE: SPRING** **2 UNITS**  
**HOURS: .5 LEC; 4.5 LAB** **CSU**

Basic principles involved in handling and training the young horse. Course includes groundwork, philosophy of colt starting, advancing the green horse, and problem solving. Special emphasis on starting the two-year old horse in the spring.

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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**AGEQ 206** **ADVANCED TRAINING YOUNG HORSES UNDER SADDLE** **2 UNITS**  
**HOURS: 1 LEC; 3 LAB** **CSU**

Advanced principles and applications of equine behavior modification for training young horses in advanced maneuvers under saddle: Lead departures, lead changes, spinning, collection, stopping and working cattle. Prerequisite: AGEQ 205.

**AGEQ 207** **PREPARING THE HORSE FOR SHOW AND SALE** **2 UNITS**  
**HOURS: 1 LEC; 3 LAB** **CSU**

Instruction in fitting and showing horses. Students gain experience training, conditioning, grooming, showing and /or selling horses. Training young horses in advanced maneuvers under saddle including cow work, rope work, trail, versatility, and reining patterns. Techniques and applications of fitting a horse in preparation for horse sale or show.

**AGEQ 208** **ADVANCED PACK STATION AND STABLE OPERATIONS FIELD EXPERIENCE** **2 UNITS**  
**HOURS: 2 LEC; 6 LAB** **CSU**

Course demonstrates practical skills necessary in organizing and implementing a pack trip. Practical applications of skills such as the planning, organization and implementing of a three-day pack trip. The advanced application of skills learned in AGEQ 108.

**AGEQ 210** **INTRODUCTION TO RANCH WORK WITH HORSES** **2 UNITS**  
**HOURS: 1 LEC; 3 LAB** **CSU**

Techniques and skills necessary for ranch work using horses. Designed to teach the basic skills for working and handling cattle, ranch roping. Specialized training of horses for ranch work. Selection of equipment and horses.

**AGEQ 211** **APPLIED RANCH SKILLS WITH HORSES I** **2 UNITS**  
**HOURS: 1 LEC; 3 LAB** **CSU**

Application of intermediate roping and cattle working techniques with horses. Allows student to participate horseback working cows, roping, sorting and other ranch related activities.

**AGEQ 212** **APPLIED RANCH SKILLS WITH HORSES II** **2 UNITS**  
**HOURS: 1 LEC; 3 LAB** **CSU**

Application of advanced roping and cattle working techniques with horses. Allows students to participate horseback working cows, roping, sorting and other ranch related activities. The ability to demonstrate advanced ranch techniques and skills. Course prerequisite AGEQ 211.

**AGEQ 214** **HANDLING AND CARE OF THE FOAL, WEANLING, AND YEARLING HORSE: FALL** **1 UNIT**  
**HOURS: .5 LEC; 1.5 LAB** **CSU**

Course will focus on the management and handling of foals, weanlings, and yearling horses. Emphasizing safe and practical behavior handling techniques as well as current management practices utilized in health and farrier care. Special emphasis on care and candling of weanlings in the Fall.

**AGEQ 215** **HANDLING AND CARE OF THE FOAL, WEANLING, AND YEARLING HORSE: SPRING** **1 UNIT**  
**HOURS: .5 LEC; 1.5 LAB** **CSU**

Course will focus on the management and handling of foals, weanlings, and yearling horses. Emphasizing safe and practical behavior handling techniques as well as current management practices utilized in health and farrier care. Special emphasis placed on care and handling of newborn foals in the spring.

**AGEQ 216** **ADVANCED HANDLING AND CARE OF THE FOAL, WEANLING, AND YEARLING HORSE FALL** **1 UNIT**  
**HOURS: .5 LEC; 1.5 LAB** **CSU**

Course will focus on the advanced management and handling of foals, weanlings, and yearling horses. Emphasizing safe and practical behavior handling techniques as well as current management practices. Special emphasis on advanced care and handling of weanlings and yearlings in the Fall. Pre-requisite: AGEQ 214.

**AGEQ 217** **ADVANCED HANDLING AND CARE OF THE FOAL, WEANLING, AND YEARLING HORSE SPRING** **1 UNIT**  
**HOURS: .5 LEC; 1.5 LAB** **CSU**

Course will focus on the advanced management and handling of foals, weanlings, and yearling horses. Emphasizing safe and practical behavior handling techniques as well as current management practices. Special emphasis placed on advanced care and handling of newborn foals in the Spring. Pre-requisite: AGEQ 215.

**AGEQ 225** **RANCH HORSEMANSHIP** **.5-3 UNITS**  
**HOURS: 4.5-27 LEC; 13.5-81 LAB** **CSU**

Ranch Horsemanship is a survey course that covers the techniques and philosophies of training horses for ranch purposes. Participants will be able to identify and recognize training philosophies and various techniques of horse training, and advance from intermediate to advanced stages of horse training and in ranch horsemanship. Prerequisite AGEQ 103 and 115.

**AGEQ 226** **ADVANCED HORSEMANSHIP** **.5-3 UNITS**  
**HOURS: 4.5-27 LEC; 13.5-81 LAB** **CSU**

Advanced Horsemanship is a survey course that covers the techniques and philosophies of advanced horse training. Participants will be able to identify and recognize training philosophies and various techniques of horse training, and advance from intermediate to advanced stages of horse training and horsemanship. Prerequisite AGEQ 103 and 115.

**AGEQ 280** **ADVANCED RODEO SKILLS AND TECHNIQUES: MEN'S EVENTS** **1-4 UNITS**  
**HOURS: .5-2 LEC; 1.5-6 LAB** **CSU**

This course focuses on the fundamental, theory, and practice of intercollegiate men's rodeo events; bareback riding, saddle bronc riding, bull riding, tie down roping, steer wrestling, team roping emphasizing the physiology and physical foundations, history of the sport, scoring, rule interpretation, and judging. The course will also provide the student the opportunity to study, learn, and practice the skills and techniques necessary to participate in intercollegiate men's rodeo events.

**AGEQ 281** **ADVANCED RODEO SKILLS AND TECHNIQUES: WOMEN'S EVENTS** **1-4 UNITS**  
**HOURS: .5-2 LEC; 1.5-6 LAB** **CSU**

This course focuses on the fundamental, theory, and practice of intercollegiate woman's rodeo events; barrel racing, goat tying, break away roping, team roping emphasizing the physiological fundamentals, history of the sport, scoring, rule interpretation, and judging. The course will also provide the student the opportunity to study, learn, and practice the skills and techniques necessary to participate in intercollegiate women's rodeo events.

**AGEQ 296** **SPECIAL PROJECTS IN EQUINE STUDIES BEHAVIOR AND TRAINING** **1-4 UNITS**  
**HOURS: .5-2 LEC; 1.5-6 LAB**

Individual opportunities to study investigate research and participate in equine studies projects that are specific to equine behavior and training such as; hackamore training, bridle training, advanced saddle horse training, cow-horse training, behavior modification. Student completes different performance objectives for each unit of credit.

**AGEQ 297** **SPECIAL PROJECTS IN EQUINE STUDIES SUMMER/FALL OPERATIONS** **1-4 UNITS**  
**HOURS: .5-2 LEC; 1.5-6 LAB**

Individual opportunities to study investigate research and participate in equine studies projects that are specific to the summer and fall months such as; fall production sales, futurity horse training, weaning and halter breaking foals, fall hunt-packing trips, winter livestock preparation. Student completes different performance objectives for each unit of credit.

**AGEQ 298** **SPECIAL PROJECTS IN EQUINE STUDIES WINTER/SPRING OPERATIONS** **1-4 UNITS**  
**HOURS: .5-2 LEC; 1.5-6 LAB**

Individual opportunities to study investigate research and participate in specific equine studies projects during the winter and spring months such as; reproductive management of the stallion or broodmare, care of the newborn foal, starting the two year old, sale horse preparation, horse show preparation. Student completes different performance objectives for each unit of credit.

**AGEQ 299** **SPECIAL TOPICS IN EQUINE STUDIES** **1-4 UNITS**  
**HOURS: .5-2 LEC; 1.5-6 LAB**

Individual opportunities to study investigate research and participate in specific topics, fundamentals of horse training. Western equitation, packing skills, and horse health and reproduction. Student completes different performance objectives for each unit of credit.

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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**MECHANIZED AGRICULTURE**

**AGMA 084** **RANCH OPERATIONS: FENCING AND IRRIGATION** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB**

General introduction into irrigation and fencing principles: plant, soil, and water relationships; soil moisture sensing devices; delivery systems; design of drip, sprinkler, and surface irrigation systems, and use of chemigation. The class will also provide general knowledge into the fencing industry, including supplies, design, materials, and differing types of fencing.

**AGMA 108** **TRACTOR OPERATION** **3 UNITS**  
**HOURS: 2.5 LEC; 1.5 LAB** **CSU**

This course involves design principles, selection, maintenance, adjustment, and safe operation of wheel and track type tractors used in agriculture and in the construction industry.

**AGMA 116** **AGRICULTURE WELDING** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU**

Entry-level welding skill development in modern agriculture welding and cutting processes, theory and practice. Emphasis on safety regulations as established by the National and State Occupational Health and Safety Act guidelines.

**AGMA 132** **ADVANCED AGRICULTURE WELDING** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU**

An intermediate-level Agriculture welding course designed to develop skills in Shielded Metal Arc Welding, Gaseous Metal Arc Welding, Gaseous Tungsten Arc Welding and Plasma Arc Cutting. Emphasis on safety regulations as established by the National and State Occupational Health and Safety Act. Prerequisite: AGMA116

**AGMA 140** **BEGINNING AGRICULTURE METAL FABRICATION** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB**

This course is designed to provide basic shop and job site fundamentals of welding; to allow students to design and apply ARC and MIG welding techniques as well as acetylene cutting in the field.

**AGMA 146** **INTRODUCTORY AGRICULTURE STRUCTURAL TECHNOLOGY** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU**

This is an introductory course in planning and designing various types of farm buildings necessary for agricultural enterprises. Characteristics, types, fabrication techniques and costs of construction materials used in farm buildings will be studied. A practical course in building metal, wood or composite frame buildings from planning to finish is included.

**AGMA 160** **INTRODUCTION TO MECHANIZED AGRICULTURE** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU**

This course involves basic mechanical skills in woodworking, cold metal, electricity, plumbing, concrete, and project construction skills as related to farm maintenance and repair. Hand and power tool use skills will be developed. Safety practices for all mechanical areas will be covered.

**PLANT SCIENCE**

**AGPS 210** **INTRODUCTION TO SOIL SCIENCE** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU**

An introduction to the biological, chemical and physical properties of soils. Major topic areas include the relationship of soil characteristics to land management, maintenance of soil productivity, soil erosion processes and erosion control methods, soil classification and the use of soil survey information in agriculture, watershed and wildlife applications. The relationship of soil properties and the geologic/geomorphic setting is emphasized. Cross-listed with ENVR 210.

**AMERICAN SIGN LANGUAGE**

**ASL 130** **BEGINNING SIGN LANGUAGE I** **3 UNITS**  
**HOURS: 2.5 LEC; 1.5 LAB** **CSU (C2), UC**

Introduction to American Sign Language (ASL), including vocabulary, grammar, conversational skills and cultural awareness.

**ASL 132** **BEGINNING SIGN LANGUAGE II** **3 UNITS**  
**HOURS: 2.5 LEC; 1.5 LAB** **CSU(C2), UC, IGETC (6A)**

Continuation of American Sign Language (ASL), offering students a broader scope of language functions and communication skills. Study in ASL, vocabulary, syntax, and grammar will be emphasized at a beginning level. Further study in deaf culture awareness. Cultural aspects of the Deaf Community will be introduced and studied throughout the course. Prerequisite: ASL 130 with satisfactory grade, or evaluation by instructor.

**ASL 291** **DIRECTED STUDY** **1-5 UNITS**  
**HOURS: 18-270**

A student may take advanced course work or complete a student designed project in American Sign Language after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## ANTHROPOLOGY

**ANTH 100** **INTRODUCTION TO CULTURAL ANTHROPOLOGY** **3 UNITS**  
**HOURS: 3 LEC** **CSU (D1), UC, IGETC (4A)**

This course explores how anthropologists study and compare human culture. Cultural anthropologists seek to understand the broad arc of human experience focusing on a set of central issues: how people around the world make their living (subsistence patterns); how they organize themselves socially, politically and economically; how they communicate; how they relate to each other through family and kinship ties; what they believe about the world (belief systems); how they express themselves creatively (expressive culture); how they make distinctions among themselves such as through applying gender, racial and ethnic identity labels; how they have shaped and been shaped by social inequalities such as colonialism; and how they navigate culture change and processes of globalization that affect us all. Ethnographic case studies highlight these similarities and differences, and introduce students to how anthropologists do their work, employ professional anthropological research ethics and apply their perspectives and skills to understand humans around the globe. Advisories: Completion of ENGL 010 or equivalent.

**ANTH 103** **MAGIC, WITCHCRAFT AND RELIGION** **3 UNITS**  
**HOURS: 3 LEC** **CSU (D1), UC, IGETC (4A)**

A comparative analysis and study of religious practices, beliefs, and rituals within the cultural context. Topics will include definitions of religion, religion in culture and society, polytheisms, and monotheisms.

**ANTH 106** **INTRODUCTION TO PREHISTORY** **3 UNITS**  
**HOURS: 3 LEC** **CSU (D1), UC, IGETC (4A)**

This course will cover discoveries that have shaped our view of world prehistory. We will discuss methods and techniques to reconstruct the past, physical evidence and major events of human history. Topics will also include human origins, occupation of the New World, origins of agriculture, rise of civilizations, and relevance of the archaeological perspective.

**ANTH 120** **PHYSICAL ANTHROPOLOGY** **3 UNITS**  
**HOURS: 3 LEC** **CSU (B2), UC, IGETC (5B)**

This course introduces the concepts, methods of inquiry, and scientific explanations for biological evolution and their application to the human species. Issues and topics will include, but are not limited to, genetics, evolutionary theory, human variation and biocultural adaptations, comparative primate anatomy and behavior, and the fossil evidence for human evolution. The scientific method serves as foundation of the course. There is a separate related lab class. Advisories: Completion of ENGL 010 or equivalent.

**ANTH 120L** **PHYSICAL ANTHROPOLOGY** **1 UNIT**  
**HOURS: 3 LAB** **CSU (B3), UC, IGETC (5C)**

This laboratory course is offered as a supplement to Introduction to Biological Anthropology either taken concurrently or in a subsequent term. Laboratory exercises are designed to introduce students to the scientific method and explore genetics, human variation, human and non-human primate anatomy and behavior, the primate/hominin fossil record and other resources to investigate processes that affect human evolution. Prerequisite or co-requisite: ANTH 120.

### GENERAL EDUCATION/CORE CLASS IDENTIFICATION

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**ANTH 130** **INTRODUCTION TO ARCHAEOLOGY** **3 UNITS**  
**HOURS: 3 LEC**

This course is an introduction to the study of concepts, theories, data and models of anthropological archaeology that contribute to our knowledge of the human past. The course includes a discussion of the nature of scientific inquiry; the history and interdisciplinary nature of archaeological research; dating techniques; methods of survey, excavation, analysis, and interpretation; cultural resource management; professional ethics; and selected cultural sequences. There is a separate lab course. Advisories: Completion of ENGL 010 or equivalent.

**ANTH 150** **NORTH AMERICAN INDIANS** **3 UNITS**  
**HOURS: 3 LEC** **CSU (D1, D3), UC, IGETC (4A)**

Introduces students to a broad study of North American Indian cultures by cultural area. Traces the archaeological evidence for the origin and migration of Native Americans into the new world, and the development of their distinctive societies in relation to ecological adaptation, linguistic divergence, kinship structures, technology and religious beliefs and ritual practices.

**ANTH 160** **THE MAIDU STEWARDSHIP FIELD PROJECT** **1-5 UNITS**  
**HOURS: 3-15 LAB** **CSU**

Learning experiences in anthropology obtained through participation in the Maidu Stewardship Field Project. This learning experience will include the identification and monitoring of vegetation, mapping and the implementation of Maidu management methods, and other anthropological fieldwork studies.

**ANTH 200** **INTRODUCTION TO FORENSIC ANTHROPOLOGY** **3 UNITS**  
**HOURS: 3 LEC**

An overview of forensic anthropology, which is an applied field of physical anthropology. Human skeletal remains will be analyzed using a comparative method to determine age, sex, race, time of death, trauma, pathology for identification purposes. Forensic anthropology is used in crime scene investigation of homicides, missing persons, human rights investigations and mass disasters.

**ANTH 291** **DIRECTED STUDY** **1-5 UNITS**  
**HOURS: 18 - 270**

A student may take advanced course work or complete a student designed project in Anthropology after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## ART

**ART 100** **ART APPRECIATION** **3 UNITS**  
**HOURS: 3 LEC** **CSU (C1), UC, IGETC (3A)**

An introductory course for both the general interest and art major student. A survey of the nature and role of the visual arts in society. An overview of art history, theory, and practices will be covered. The medias of art will also be explored. Cross-listed with HUMN100.

**ART 107** **TWO DIMENSIONAL DESIGN** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU, UC**

A foundation course in the application and appreciation of the elements and principles of design as they relate to the two-dimensional surface using line, shape, color, value, texture, and space, and the exploration of art historical examples and aesthetics related to creative expression in two dimensional designs.

**ART 109** **THREE DIMENSIONAL DESIGN** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU (C1), UC**

A basic course in three-dimensional design, developing knowledge, skills appreciation and aesthetic judgment. A series of problems shall necessitate the exploration and comprehension of the visual elements and principles.

**ART 116** **DRAWING I** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU (C1), UC**

A beginning course in drawing and composition based on subjects from observation and imagination using a variety of black and white media.

**ART 117** **DRAWING II** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU (C1), UC**

An advanced drawing course emphasizing technical skill development and conceptual skill development as they relate to the two-dimensional surface using a variety of media and techniques. Advisories: ART116 or equivalent drawing experience.

**ART 122** **PAINTING I** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU (C1), UC**

This course consists of studio experiments in the materials and techniques necessary for painting in oils and acrylics and concepts of pictorial composition including spatial arrangement, design, and color mixing, supplemented with the examination of paintings by traditional and contemporary artists.

**ART 124** **PAINTING II** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU, UC**

This course consists of advanced studio experiments for exploring various painting techniques using still life, landscape, the human figure, and abstraction for subjects. Emphasis is on the conceptual and technical aspects of painting in oils and acrylics with examination of works from art historical and contemporary sources. Advisories: ART 122 or equivalent personal skills.

**ART 126** **COLOR THEORY** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU**

Exploration of color by examining color theory and principles related to additive and subtractive color with studio applications that employ the elements of design as they relate to color. Discussions include art historical and contemporary color systems.

**ART 128** **INTRODUCTION TO PRINTMAKING** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU**

A beginning course in printmaking using various methods of image production, linoleum and wood block printing, collograph, etching, silk screen and monotype printing, with an emphasis on technical methods, composition, idea development, and the study of historical examples.

**ART 132** **LIFE DRAWING I** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU**

This course involves studio experiments in drawing the human figure, clothed and nude, with emphasis on anatomical structure, expressive content, and techniques and methods of depiction.

**ART 134** **LIFE DRAWING II** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU**

This course continues the structural study of the human form with emphasis on exploring expressive concepts, media and techniques, and methods of depiction. Advisories: ART 132 or equivalent.

**ART 136** **LIFE PAINTING I** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU**

This course is based on studio experiments in painting the nude and clothed human figure in oils and acrylics with emphasis on anatomical structure, expressive content, and techniques and methods of depiction.

**ART 138** **LIFE PAINTING II** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU**

This course is based on studio experiments in painting the nude and clothed human figure in oils and acrylics with emphasis on anatomical structure, expressive content, and techniques and methods of depiction. Advisory: ART 136.

**ART 140** **SCULPTURE I** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU**

Students will learn practical techniques and conceptual processes involved in creating contemporary three-dimensional art in a variety of materials, such as wood, metal, clay and fabric. Occasional emphasis is given to making contemporary 3-dimensional art using skills from integrated disciplines; for example, fine arts with design, with computer 3-d modeling and with craft.

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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**ART 142** **SCULPTURE II** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU**

Sculpture II expands the student's understanding of three-dimensional form emphasizing the conceptual and material requirements of working in a variety of materials. Students will engage in fewer yet more ambitious projects that demonstrate more knowledge of material use and more comprehensive problem solving techniques with a greater integration of concept, form and context. Students will continue to study and practice the integration of related 3-dimensional disciplines such as design, architecture and craft. Advisory: ART 140.

**ART 144** **CERAMICS I** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU**

Introduction to ceramic materials, concepts, and processes. Emphasis on basic design principles creative development, hand-building, throwing, glazing, firing, and appropriate terminology. The course includes the aesthetics and development of clay objects from a world art perspective, both historical and contemporary.

**ART 150** **BEGINNING PHOTOGRAPHY** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU, UC**

Basic principles of both film (darkroom) and digital photography, including technique, design, and content. Students learn the basic properties of light, the functions of both film and digital cameras, lenses, control of exposure and development, basic processes of black and white darkroom printing, inkjet printing, editing, presentation of professional photographs through critiques and visualization and critical interpretation of photographs. Students will have to provide their own digital cameras, but film cameras can be checked out through the Art Department.

**ART 151** **INTERMEDIATE PHOTOGRAPHY** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU, UC**

Students will engage in intermediate principles of black and white (film) photography and digital photography. Students will use medium format film and cameras, master printing to larger format paper and complete thorough lighting shoots. Students who choose to photograph digitally along with film cameras will have to provide their own DSLR, but film cameras can be checked out through the Art Department. Advisory: ART 150.

**ART 166** **ART OF THE MODERN PERIOD** **3 UNITS**  
**HOURS: 3 LEC** **CSU (C1), UC, IGETC (3A)**

A survey of important styles, artists, and examples of art from the late nineteenth century to the present. Subjects such as painting, sculpture, architecture, prints, photography, assemblage, multi-media, and installations will be studied.

**ART 172** **WORLD ART TO 1500** **3 UNITS**  
**HOURS: 3 LEC** **CSU (C1), UC, IGETC (3A)**

History and aesthetic appreciation of World Art, including representative art from Europe, Asia, Africa, the Americas, and Oceania from Prehistory to 1500 AD.

**ART 174** **WORLD ART SINCE 1500** **3 UNITS**  
**HOURS: 3 LEC** **CSU (C1), UC, IGETC (3A)**

History and aesthetic appreciation of World Art since 1500 C.E., including representative art from Europe, Asia, Africa, the Americas, and Oceania.

**ART 291** **DIRECTED STUDY** **1-5 UNITS**  
**HOURS: 18 - 270** **CSU**

A student may take advanced course work or complete a student designed project in Art after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

**BIOLOGY**

**BIOL 100** **CONCEPTS IN BIOLOGY** **4 UNITS**  
**HOURS: 3 LEC; 3 LAB** **CSU (B2, B3), UC, IGETC (5)**

An introduction to biology, covering a variety of topics including cell biology, genetics, organismal biology, ecology, and evolution and an introduction to the human body. Some specific topics covered will include cancer research, cloning and stem cell research, and the biodiversity crisis. Meets lab science requirements for non-science majors. Not designed for students with credit in BIOL 102.

**BIOL 102** CELL AND MOLECULAR BIOLOGY 4 UNITS  
**HOURS: 3 LEC; 3 LAB** CSU (B2, B3), UC, IGETC (5)

This course, intended for majors, will cover principles and applications of prokaryotic and eukaryotic cell structure and function, biological molecules, homeostasis, cell reproduction and its controls, molecular genetics, classical/Mendelian genetics, cell metabolism including photosynthesis and respiration, and cellular communication. The philosophy of science, methods of scientific inquiry and experimental design are foundational to the course. Advisories: CHEM 102, ENGL 010, & MATH 018.

**BIOL 104** ANIMAL BIOLOGY, EVOLUTION AND ECOLOGY 4 UNITS  
**HOURS: 3 LEC; 3 LAB** CSU (B2, B3), UC, IGETC (5)

This course is intended for majors and covers the comparative structure, function, evolution, and a survey of animal phyla. Topics include development, morphology and physiology, and microevolution and macroevolution, taxonomy and systematics, molecular morphological phylogeny, population ecology, and behavior. Advisory: BIOL 102.

**BIOL 106** PLANT BIOLOGY, EVOLUTION AND ECOLOGY 4 UNITS  
**HOURS: 3 LEC; 3 LAB** CSU (B2, B3), UC, IGETC (5)

This course is intended for majors and covers the diversity, structure, and function of green plant, fungal and protist phyla. Topics include development, morphology and physiology, taxonomy and systematics as well as plant evolution and community ecology. Advisory: BIOL 102.

**BIOL 110** HUMAN ANATOMY 4 UNITS  
**HOURS: 3 LEC; 3 LAB** CSU (B2, B3), UC

Structural organization of the human body: gross and microscopic structure of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory, and reproductive systems, from cellular to organ system levels of organization. This course is primarily intended for nursing, allied health, kinesiology, and other health related majors. Prerequisites: ENGL 010 & MATH 018.

**BIOL 112** HUMAN PHYSIOLOGY 4 UNITS  
**HOURS: 3 LEC; 3 LAB** CSU (B2, B3), UC

Study of the physiological principles, function, integration and homeostasis of the human body at the cellular, tissue, organ, organ system and organism level: integumentary system, bone, skeletal, smooth and cardiac muscles, nervous system, sensory organs, cardiovascular system, lymphatic and immune systems, respiratory system, urinary system, digestive system, endocrine system, and reproductive system. This course is primarily intended for Nursing, Allied Health, Kinesiology, and other health related majors. Advisories: ENGL 010 & MATH 018.

**BIOL 120** SIERRA NEVADA NATURAL HISTORY 3 UNITS  
**HOURS: 2 LEC; 3 LAB** CSU

Learn to observe the patterns and relationships of flora, fauna, and non-living elements of the Sierra Nevada range, with a particular focus on Plumas County. Basic ecology, climatology and geology will also be discussed. An overnight field trip is required. Cross-listed with ENVR 120.

**BIOL 135** HUMAN SEXUALITY 3 UNITS  
**HOURS: 3 LEC** CSU (E), UC

This course presents to the student the biological, psychological and cultural aspects of human sexuality.

**BIOL 152** DENDROLOGY 3 UNITS  
**HOURS: 2 LEC; 3 LAB** CSU, UC

Classification, identification and nomenclature of forest trees and shrubs of the U.S., emphasizing native western species. Analysis of species' range of survival and optimal growth, along with sub-speciation and varieties in major commercial timber zones. Familiarization with tree/shrub morphological characteristics, common, scientific and family names, plus their ecological and commercial role as major forest cover types. Cross-listed with ENVR152.

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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**BIOL 164** ANIMAL BEHAVIOR 3 UNITS  
**HOURS: 3 LEC** CSU, UC

General introduction to animal behavior. Behavior of individual animals, animal relationships, origins of behavior, and social organizations are discussed. Cross-listed with AGAS164.

**BIOL 210** GENERAL MICROBIOLOGY 4 UNITS  
**HOURS: 3 LEC; 3 LAB** CSU (B2, B3), UC, IGETC (5B, 5C)

The study of morphological, physiological and biochemical aspects of representative microorganisms. Lab includes aseptic technique, media preparation, taxonomy of algae, fungi and bacteria, and identification of an unknown. Advisory: BIOL 102.

**BIOL 291** DIRECTED STUDY 1-5 UNITS  
**HOURS: 18 - 270 LEC** CSU

A student may take advanced course work or complete a student designed project in Biology after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

**BIOL 299** SPECIAL TOPICS IN ENVIROMENTAL STUDIES 1-3 UNITS  
**HOURS: 1-3 LEC; 3-27 FIELD** CSU

Course covers selected topics in evolving issues or research in the area of environmental management or ecosystem science or special field topics as the opportunity arises. Independent student research and presentation are emphasized. Cross-listed with ENVR 299.

**BUSINESS**

**BUS 100** INTRODUCTION TO BUSINESS 3 UNITS  
**HOURS: 3 LEC** CSU, UC

A survey in business providing a multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization's policy and practices within the U.S. and a global society. Demonstrates how these influences impact the primary areas of business including: organizational structure and design; leadership, human resource management, organized labor practices; marketing; organizational communication; technology; entrepreneurship; legal, accounting, financial practices; the stock and securities market; and therefore affect a business' ability to achieve its organizational goals.

**BUS 101** COMPUTER LITERACY 3 UNITS  
**HOURS: 3 LEC**

Introduction to computers, the Internet, and common software applications. Topics include computing basics, hardware, peripherals, operating systems, software, and the Internet. Industry standard and alternative word processing, presentation, spreadsheet, and communication applications are covered- including Microsoft Office. For students interested in learning basic applications and who may or may not have an understanding of computer software and hardware. Cross-listed with ICT 101.

**BUS 102** FINANCIAL ACCOUNTING 4 UNITS  
**HOURS: 4 LEC** CSU, UC

This is the study of accounting as an information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. This course covers the accounting information system, including recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the financial statements, and financial analysis. Includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics. Advisory: MATH 016.

**BUS 104** MANAGERIAL ACCOUTING 4 UNITS  
**HOURS: 4 LEC** CSU, UC

This is the study of how managers use accounting information in decision-making, planning, directing operations and controlling. Focuses on cost terms and concepts, cost behavior, cost structure and cost-volume-profit analysis. Includes issues relating to cost systems, cost control, profit planning, and performance analysis in manufacturing and service environments. Prerequisite: BUS 102.

**BUS 106** PRINCIPLES OF ECONOMICS-MACRO 3 UNITS  
**HOURS: 3 LEC** CSU (D2), UC, IGETC (4B)

An introductory course focusing on aggregate economic analysis. Topics include: market systems, aggregate measures of economic activity, macroeconomic equilibrium, money and financial institutions, monetary and fiscal policy, international economics, and economic growth. Prerequisite: MATH016.

**BUS 108** PRINCIPLES OF ECONOMICS-MICRO 3 UNITS  
**HOURS: 3 LEC** CSU (D2), UC, IGETC (4B)

This is an introductory course focusing on choices of individual economic decision-makers. Topics include scarcity, specialization and trade, market equilibrium, elasticity, production and cost theory, market structures, factor markets, and market failure. Prerequisite: MATH016.

**BUS 111** INTRODUCTION TO INFORMATION TECHNOLOGY 3 UNITS  
**HOURS: 3 LEC** CSU, UC

Introduction to information technology and computer science. Topics include technology concepts, history of technology, the application and impact of technology, software, hardware, networks, computers, and the Internet. For students who possess basic technology skills but want to learn more about how computers, applications, and the Internet work. Previous enrollment in DT 100 or working knowledge of computers, applications, and the Internet strongly recommended. Cross-listed with ICT 111.

**BUS 113** LEGAL OFFICE PROCEDURES 3 UNITS  
**HOURS: 3 LEC** CSU

Introduction to and orientation of the operation of a modern law office. Includes analysis of court structures and procedures (state and federal), and the preparation of basic legal documents and pleadings. Internal procedures of a law office will be explored with special emphasis on calendaring court appearances, response and answering dates, the importance of confidentiality, including computer security, and the management and maintenance of time records for billing.

**BUS 115** BUSINESS LAW 3 UNITS  
**HOURS: 3 LEC** CSU, UC

Fundamental legal principles pertaining to business transactions. Introduction to the legal process. Topics include sources of law and ethics, contracts, torts, agency, criminal law, business organizations, and judicial and administrative processes.

**BUS 116** HUMAN RELATIONS IN BUSINESS 3 UNITS  
**HOURS: 3 LEC** CSU

Exploration of contemporary behavioral science concepts as applied to human problems in business. Special attention to creative theories in management and motivation as well as ethical behavior. Study of organizational behavior and behavior in organizations.

**BUS 118** PERSONAL FINANCE 3 UNITS  
**HOURS: 3 LEC** CSU

Management of personal income and expenditure emphasizing financial security. Topics include: financial planning, managing your money, protecting yourself with insurance, managing your investments, and dealing with life cycle issues.

**BUS 121** INTRODUCTION TO ENTREPRENEURSHIP 1 UNIT  
**HOURS: 1 LEC** CSU

This course is designed to provide a global introduction to the process of turning an idea into a successful startup enterprise. Students having little or no pre-existing entrepreneurial experience, but having an idea he or she would like to pursue, will benefit from the course. Information will be presented on the challenges and rewards of entrepreneurship. Students will learn the role of entrepreneurial businesses in the United States and the impact on our national and global economy.

**BUS 122** ENTREPRENEURIAL MARKETING 1.5 UNITS  
**HOURS: 1.5 LEC** CSU

In this course, the student will gain essential knowledge in the steps of marketing an entrepreneurial venture. Through study of successful entrepreneurs and ventures, the student will analyze varying marketing philosophies and identify which strategies to apply to different circumstances. The student will customize a marketing plan to launch an entrepreneurial venture and a marketing plan to implement during the first two years of business operation.

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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**BUS 123** FINANCIAL MANAGEMENT FOR ENTREPRENEURS 2 UNITS  
**HOURS: 2 LEC** CSU

Upon successful completion of this course, the student will understand the importance and impact of funding sources of their entrepreneurial venture. This will be accomplished by reviewing the impact of venture capital in every phase of the business venture from idea to exit including planning, teambuilding, identifying funding sources, raising money, and writing funding proposals. Student will learn basic accounting concepts and apply this to management decisions. Cash flow management and budgeting skills will be emphasized.

**BUS 124** PREPARING EFFECTIVE BUSINESS PLANS 1.5 UNITS  
**HOURS: 1.5 LEC** CSU

Students will develop an effective business plan for a new entrepreneurial venture. Students will plan and map out how to execute a new venture. In addition to writing the plan, students will learn techniques in developing a persuasive sales pitch and visual presentation of their plans to present to potential funding sources. The plans will reflect the viability of the prospective venture. This is a project-based class.

**BUS 130** SMALL BUSINESS MANAGEMENT 3 UNITS  
**HOURS: 3 LEC** CSU

For current and potential owners and managers of small businesses. Analysis of personal qualifications, forms of ownership, sources of information, financing, planning, legal issues, record keeping, advertising, marketing, insurance, promotion, credit, and current aids to successful management.

**BUS 131** COMPUTER INFORMATION SYSTEMS 3 UNITS  
**HOURS: 3 LEC**

Examination of information systems and their role in business and organizations. Topics include information systems, database management systems, networking, e-commerce, ethics and security, and computer systems. These topics will be learned and applied through the hands-on development of computer-based solutions to business problems. For all students. Working knowledge of computers, applications, and the Internet strongly recommended. Cross-listed with ICT 131.

**BUS 132** BOOKKEEPING 3 UNITS  
**HOURS: 3 LEC** CSU

Analysis of financial transactions so that they can be recorded in the accounting records of a business in accordance with the rules of double-entry bookkeeping. The accounting cycle is covered to include adjusting entries, the expanded worksheet, and the preparation of financial statements. Not open to students who have completed BUS 102 with a 'C' or better.

**BUS 140** MARKETING 3 UNITS  
**HOURS: 3 LEC** CSU

A study of the role and function of marketing in the distribution of goods and services to familiarize students with marketing policies and practices and integration of marketing activities. This course contains global, international and multi-cultural material interspersed throughout the classroom curriculum.

**BUS 170** SPREADSHEET 1.5 UNITS  
**HOURS: 1.5 LEC** CSU

Introduction to business spreadsheets. This course provides a sound, in-depth knowledge of Microsoft Excel spreadsheet practices for use in business.

**BUS 171** PROJECT BASED LEARNING WITH ENACTUS 1-3 UNITS  
**HOURS: 0-2 LEC; 3 LAB** CSU

Students will participate in project-based learning to develop competencies needed to become successful in the workplace and leadership positions. Students receive instruction and participate in experiential learning activities through projects either in conjunction with the scholastically competitive Feather River College Enactus Team or through project-based internships placed with community-based organizations or industry partners. This course combines work-based learning internship hours with instruction on professional skills, in order to model the four stage learning cycle of concrete experience, reflection, new concepts, and plans for future action.

**BUS 172** SOFT SKILLS FOR THE WORKPLACE 1.5 UNITS  
**HOURS: 1.5 LEC**

Students will receive instruction in workplace soft skills theory examples of soft skills will include successful job behavior, customer service basics, project management leadership, business written and verbal communication, power listening, conflict resolution, working in teams, and networking.



**BUS 172L** SOFT SKILLS FOR THE WORKPLACE 1.5 UNITS  
**HOURS: 5-7.5 FIELD**  
 This course emphasizes experiential learning in a work- or project-based environment. Students will apply soft skills knowledge in a work- and/or project-based environment. Examples of soft skills will include successful job behavior, customer service basics, project management leadership, business written and verbal communication, power listening, conflict resolution, working in teams, and networking.

**BUS 180** VIRTUAL ENTREPRENEURSHIP 3 UNITS  
**HOURS: 3 LEC**  
 This course prepares students for self-employment opportunities in virtual office work and identifies techniques and technologies needed by virtual workers. Specific topics include types of virtual work, technologies, online work platforms, skills needed as a virtual worker, ways to establish and manage a virtual office or online freelance career, effective communications, digital marketing and online work opportunities.

## CHEMISTRY

**CHEM 100** CHEMISTRY AND SOCIETY 4 UNITS  
**HOURS: 3 LEC; 3 LAB** CSU (B1, B3), UC, IGETC (5)  
 This course is an introduction to the fundamental concepts in chemistry, a broad overview to the field, and moves at a rapid pace. Emphasis on understanding rather than memorization. This course is useful for students who have taken high school chemistry previously, but would like to improve their skills before going on to the general lecture series. Prerequisite: MATH 016 or the equivalent.

**CHEM 102** GENERAL CHEMISTRY I 5 UNITS  
**HOURS: 4 LEC; 3 LAB** CSU (B1, B3), UC, IGETC (5)  
 This is the first semester of a one-year course in chemistry intended for majors in the natural sciences (chemistry, biochemistry, biology, physics, pre-medicine), mathematics, and engineering. Pre-requisite: MATH 018 or the equivalent.

**CHEM 104** GENERAL CHEMISTRY II 5 UNITS  
**HOURS: 4 LEC; 3 LAB** CSU (B1, B3), UC, IGETC (5)  
 This is the second semester of a one-year course in chemistry intended for majors in the natural sciences (chemistry, biochemistry, biology, physics, pre-medicine), mathematics, and engineering. Prerequisite: CHEM 102; MATH 018 or the equivalent.

**CHEM 106** INTRODUCTION TO ORGANIC CHEMISTRY 5 UNITS  
**HOURS: 4 LEC; 3 LAB** CSU (B1, B3), UC, IGETC (5)  
 This is the first semester of a one-year course in organic chemistry intended for majors in the natural sciences (chemistry, biochemistry, biology, physics, and pre-medicine). Required pre-requisite: CHEM 102. Advisory: CHEM 104.

## COLLEGE

**COLL 100** BECOMING A SUCCESSFUL STUDENT 3 UNITS  
**HOURS: 3 LEC** CSU  
 Helps students develop college-level survival skills in the areas of academic performance (reading, note-taking, memorization, critical and analytical thinking, time management, studying and test-taking, using computers, and library resources), educational planning (understanding and following college policies and procedures from admissions through graduation), career exploration/planning (research, values clarification, and goal setting), and personal living (intra- and interpersonal communication, decision-making, health care, money management, and taking care of personal needs such as housing and transportation).

**COLL 320** SUPERVISED TUTORING 0 UNITS  
**HOURS: VARIABLE**  
 Assist students in all academic subject areas by offering extensive supplemental instruction via tutoring, library and computer-related materials. Emphasizes tutoring in writing, solving math problems, and working with computers.

### GENERAL EDUCATION/CORE CLASS IDENTIFICATION

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## COOPERATIVE WORK EXPERIENCE EDUCATION

**CWEE 120** EARLY CHILDHOOD EDUCATION (PARALLEL) 1-4 UNITS  
**HOURS: Voluntary work: 60-240 hrs.** CSU  
**Paid work: 75-300 hrs.**

Students are encouraged to enroll in this course to attain practical experience directly relevant to career and occupational goals. Students working full-time must show evidence of job advancement/ improvement in order to receive CWEE credit.

## EARLY CHILDHOOD EDUCATION

**ECE 040** ADMINISTERING THE ENVIRONMENTAL RATING SCALES 1 UNIT  
**HOURS: 1 LEC**  
 Designed to provide the training necessary to administer and score the Environmental Rating Scales of Early Childhood Education programs. Includes development of program improvement plans.

**ECE 051** ADMINISTRATION OF PROGRAMS FOR YOUNG CHILDREN 3 UNITS  
**HOURS: 3 LEC**  
 Designed to provide experience in the procedures of planning and administering programs for young children. Emphasis on state regulations, selection of staff, budgeting, selection of facility and equipment. Meets state licensing administration requirement for director. Satisfies three of the required six units in administration for the Site Supervisor Permit.

**ECE 055** SUPERVISION: PARENT/STAFF RELATIONS 3 UNITS  
**HOURS: 3 LEC**  
 Provides information and practice necessary for working effectively within a children's program in a supervisory capacity. Emphasis is on parent relations, staff relations, and leadership. Meets state licensing administration requirement for a director. Meets three of the six unit administration requirement for the Site Supervisor Permit.

**ECE 061** INFANT TODDLER CARE AND LEARNING 3 UNITS  
**HOURS: 3 LEC**  
 Explores the development of infants and toddlers and examines the policies, principles and practices of quality care that support physical, emotional and intellectual growth. Includes strategies for home and group care for children birth to 36 months.

**ECE 063** PROGRAMS FOR SCHOOL AGE CHILDREN 3 UNITS  
**HOURS: 3 LEC**  
 Explores the social, emotional, physical, and intellectual development of the school age child through the pre-adolescent years. Focuses on the development of programs for school age children, including program design, curriculum, and management to meet the needs of school age children and communities.

**ECE 072** SCIENCE CURRICULUM FOR THE YOUNG CHILD 1 UNIT  
**HOURS: 1 LEC**  
 Presents information on planning and implementing science experiences for young children. Emphasis on spontaneous science activities, enhancing children's natural curiosity in relation to science and using the scientific approach with young children.

**ECE 075** MATH CURRICULUM FOR THE YOUNG CHILD 1 UNIT  
**HOURS: 1 LEC**  
 Explores hands-on activities in Mathematics for young children. Focuses on formation of concepts about numbers, comparison, sets, measurement, geometry, mathematical reasoning, and math vocabulary. Includes planned and spontaneous activities, creating a math-rich environment, and home-made and natural teaching materials.

**ECE 080** ADULT AND PEDIATRIC CPR/FIRST AID .5 UNIT  
**HOURS: 9 LEC**  
 Designed to give students knowledge and practical skills to handle CPR and First Aid emergencies for infants, children and adults. Certification available with a grade of "C" or better. May be repeated for recertification and credit.

<b>ECE 082</b> HOURS: 9 LEC	<b>CHILD HEALTH AND SAFETY</b>	<b>.5 UNIT</b>
The student will be able to identify and address health and safety needs of children and adults in early childhood center-based programs, family child care settings or in individual homes. Topics include: Playground safety, facilities management, sanitation, immunizations, disease prevention and control, food storage, child abuse and neglect, fire safety, flooding, earthquake safety, emergency preparedness and risk management plans. Certification available with a grade of "C" or better.		
<b>ECE 083</b> HOURS: 1 LEC	<b>CHILDREN'S STORYTELLING AND PUPPETRY</b>	<b>1 UNIT</b>
Explores storytelling and puppetry for young children. Focus is on the presentation of activities and techniques for effective storytelling. Includes incorporating and extending literacy-based activities across the curriculum.		
<b>ECE 085</b> HOURS: 3 LEC	<b>EMERGING LITERACY</b>	<b>1 UNIT</b>
Explores the developmental continuum of literacy from birth. Provides examples of age appropriate experiences, integrated curriculum, literacy-rich environments and intentional teaching.		
<b>ECE 087</b> HOURS: 3 LEC	<b>DUAL LANGUAGE LEARNERS</b>	<b>1 UNIT</b>
Focuses on the knowledge and tools needed to support young dual language learners. Includes stages and strategies of second language acquisition, bilingualism, and providing culturally sensitive environments.		
<b>ECE 088</b> HOURS: 3 LEC	<b>QUALITY IMPROVEMENT IN ECE PROGRAMS</b>	<b>3 UNITS</b>
Provides the opportunity for students to improve their professional skills or specific program components. Includes self-assessment, development of goals, action plan, assessment and documentation of specific improvements.		
<b>ECE 098</b> HOURS: 3 LEC	<b>SUCCEEDING IN AN ECE CAREER</b>	<b>1.5 UNITS</b>
Designed as a capstone course to assist students with skills for successfully obtaining employment in the ECE field. Addresses job seeking skills, presentation, interviewing, permit applications, and resume development. Includes critique of completed portfolios, and articulation of skills and knowledge acquired in the ECE program of study.		
<b>ECE 140</b> HOURS: 3 LEC	<b>TEACHING YOUNG CHILDREN WITH SPECIAL NEEDS</b>	<b>3 UNITS CSU</b>
An introduction to special education including history, characteristics of special populations, identification, multicultural issues, advocacy and working with families. Addresses the educational needs of a variety of special populations of children of various ages and ability levels. Includes political, economic and legal contexts in which special education occurs.		
<b>ECE 150</b> HOURS: 2 LEC; 3 LAB	<b>OBSERVATION AND ASSESSMENT</b>	<b>3 UNITS CSU</b>
Focuses on the appropriate use of a variety of observation and assessment strategies to understand and document child development and behavior. Includes conducting, interpreting and analyzing observations and developing recommendations for promoting children's development.		
<b>ECE 152</b> HOURS: 3 LEC	<b>INTRODUCTION TO CURRICULUM</b>	<b>3 UNITS CSU</b>
Presents an overview of knowledge and skills related to providing appropriate curriculum and environments for children from birth to age six. Examines the teacher's role in supporting development and engagement, emphasizing the essential role of play. Provides strategies for developmentally appropriate practice across the curriculum based on observation and assessment. Includes an overview of the content areas of the curriculum, including academic areas, creativity, communication and language, social-emotional learning and cognitive skills.		

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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<b>ECE 153</b> HOURS: 3 LEC	<b>CHILD, FAMILY AND COMMUNITY</b>	<b>3 UNITS CSU (D9)</b>
Examines the developing child in a societal context focusing on the interrelationship of family, school and the community, and emphasizes historical and socio-cultural factors. Highlights the processes of socialization and identity development, showing the importance of respectful, reciprocal relationships that empower families. Includes study of community resources that support families.		
<b>ECE 154</b> HOURS: 54 LEC	<b>CREATIVE ACTIVITIES FOR CHILDREN</b>	<b>3 UNITS CSU</b>
Planning creative curriculum experiences for a group setting that will foster creativity as well as cognitive, social, emotional and physical development in children. Hands-on instructional approach is used to build a repertoire of creative activities and skills for supporting creativity in children.		
<b>ECE 156</b> HOURS: 2 LEC	<b>MENTORING/SUPERVISING ADULTS IN THE CLASSROOM</b>	<b>2 UNITS CSU</b>
Provides information and principles of supervising and mentoring student teachers and aides in the classroom and/or in family childcare homes. Emphasis is on the role of experienced teachers in Early Childhood Education programs who function as mentors while simultaneously addressing the needs of children, parents and other staff. Meets requirement for Master Teacher level and above on the Child Development Permit Matrix.		
<b>ECE 157</b> HOURS: 2 LEC; 3 LAB	<b>PRINCIPLES AND PRACTICES OF TEACHING YOUNG CHILDREN</b>	<b>3 UNITS CSU</b>
Examines the underlying theoretical principles of developmentally appropriate practices applied to early childhood programs and environments. Emphasizes the key role of relationships, constructive adult-child interactions and teaching strategies in supporting physical, social, creative and intellectual development. Includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics and professional identity.		
<b>ECE 158</b> HOURS: 2 LEC; 3 LAB	<b>PRACTICUM</b>	<b>3 UNITS CSU</b>
Demonstrates developmentally appropriate early childhood teaching competencies under guided supervision. Provides opportunities to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Emphasizes child-centered, play-oriented approaches to teaching, learning and assessment. Explores curriculum content areas as student teachers design, implement and evaluate experiences that promote positive development and learning for young children.		
<b>ECE 159</b> HOURS: 3 LEC	<b>HEALTH, SAFETY AND NUTRITION</b>	<b>3 UNITS CSU</b>
Introduction to the laws, regulations, standards, policies, and procedures and early childhood curriculum related to child health, safety and nutrition. Identifies the key components that ensure physical health, mental health and safety for both children and staff. Includes the importance of collaboration with families and health professionals. Focuses on integrating the concepts into everyday planning and program development.		
<b>ECE 160</b> HOURS: 3 LEC	<b>TEACHING IN A DIVERSE SOCIETY</b>	<b>3 UNITS CSU</b>
Examines the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege affecting young children, families, programs, education and teaching. Explores classroom strategies emphasizing culturally relevant and linguistically appropriate anti-bias approaches, supporting all children in becoming competent members of a diverse society. Includes self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media, and schooling.		
<b>ECE 162</b> HOURS: 3 LEC	<b>CHILD GROWTH AND DEVELOPMENT</b>	<b>3 UNITS CSU (D9), UC, IGETC (4I)</b>
Examines the major physical, psychosocial and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. Emphasizes interactions between maturational processes and environmental factors. Includes observation and evaluation of individual differences and analysis of characteristics of development at various stages while studying developmental theory and investigative research methodologies.		
<b>ECE 166</b> HOURS: 3 LEC	<b>MUSIC WITH CHILDREN</b>	<b>3 UNITS CSU</b>
Provides knowledge, methods and opportunities to develop and implement musical activities with children. Experiential course including rhythm, song, movement and dance. Designed for early childhood and elementary education majors, teachers and parents.		

**ECE 291** DIRECTED STUDY 1-5 UNITS  
**HOURS: 18-270** CSU

A student may take advanced course work or complete a student designed project in Early Childhood Education after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor and Chief Instructional Officer, and placed on file with the Office of Instruction.

**ECE 299** SPECIAL TOPICS .5-4 UNITS  
**HOURS: 18 LEC**

Designed to permit in-depth investigation of topics not covered by regular course offerings. Course content to be determined by the instructor in relation to community and student interest and need.

## EDUCATION

**EDUC 101** TEACHER ASSISTANT I 2 UNITS  
**HOURS: 2 LEC** CSU

EDUC 101 is part of the Mini-Corps Program, a component of the California Master Plan for the education of migrant children. It is an introductory course for students who have trained as First Level instructional tutors and mentors. Students will have the opportunity to develop introductory knowledge of current teaching skills that will support migrant children who are most academically at risk, such as hands-on activities and individual tutoring. The student will learn about introductory English Language Development (ELD), English Language Arts (ELA), mathematics curriculum content. The students will learn about introductory professionalism standards in education, such as communication protocols and role modeling. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle.

**EDUC 102** TEACHER ASSISTANT II 2 UNITS  
**HOURS: 2 LEC** CSU

EDUC 102 is part of the Mini-Corps Program, a component of the California Master Plan for the education of migrant children. It is an early advance course for students who have trained as Third Level instructional tutors and mentors. Students will have the opportunity to develop early advanced knowledge of current teaching skills that will support migrant children who are most academically at risk, such as, using assessments to inform instruction and strategic thinking. The student will learn about early advanced curriculum content in English Language Development (ELD), English Language Arts (ELA) and math, e.g. fluency development, preparing and using various strategies to model reading and oral language development, and identifying types of assessments. The student will learn about early advanced professionalism standards in education, such as networking, mentoring and exam preparation. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle, and EDUC 101.

**EDUC 104** TEACHER ASSISTANT: PUPPETRY 2 UNITS  
**HOURS: 36 LEC** CSU

EDUC 104 is part of Mini-Corps, a component of the California Master Plan for the education of migrant children. During the summer the California Mini-Corps program sponsors a Puppeteer Program and trains a select team of tutors as puppeteers assigned to multiple school districts in Migrant Regions that have requested these services. Students learn how to develop and conduct presentations on a variety of health and school connectedness related topics including drug prevention, dental hygiene, bullying, anti-smoking and self-esteem. Working as student mentors and teacher assistants, students will relay their knowledge to migrant children in a classroom or migrant camp setting by performing puppetry. Course instructors will provide students with the necessary puppetry skills. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle. EDUC 102 or equivalent. Puppetry applicants must be proficient in English, and have a high degree of proficiency in Spanish, Tagalog, Punjabi, or Hmong. Must have at least a 2.0 grade average.

**EDUC 105** TEACHER ASSISTANT: FIELD EXPERIENCE I 3 UNITS  
**HOURS: 182 LAB** CSU

EDUC 105 is part of the Mini-Corps Program, a component of the California Master Plan for the education of migrant children. It is a work experience course for students who have trained as First Level instructional tutors and mentors. Students will apply introductory knowledge of current teaching skills that will support migrant children who are most academically at risk, such as hands-on activities and individual tutoring. The student will apply introductory English Language Development (ELD), English Language Arts (ELA), Math curriculum content. The students will apply introductory professionalism standards in education, such as communication protocols and role modeling. Students will work under the supervision of a classroom teacher. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle.

### GENERAL EDUCATION/CORE CLASS IDENTIFICATION

The transfer requirements satisfied by FRC courses for California four-year universities or University of Nevada, Reno are indicated below the unit value of each course. The IGETC pattern applies to both the California Sate University (CSU) and University of California (UC) Systems, as well as the University of Nevada, Reno. The letters in parentheses indicate any General Education (GE) Breadth area also satisfied. Please refer to the CSU and IGETC transfer patterns (pages 75-77) or meet with an academic advisor for clarification.

**EDUC 106** TEACHER ASSISTANT: FIELD EXPERIENCE II 2 UNITS  
**HOURS: 182 LEC** CSU

EDUC 106 is part of the Mini-Corps Program, a component of the California Master Plan for the education of migrant children. It is a work experience course for students who have trained as Third Level instructional tutors and mentors. Students will have the opportunity to apply early advanced knowledge of current teaching skills that will support migrant children who are most academically at risk, such as, using assessments to inform instruction and strategic thinking. The student will apply early advanced curriculum content in English Language Development (ELD), English Language Arts (ELA) and math, e.g. fluency development, preparing and using various strategies to model reading and oral language development, and identifying types of assessments. Students will work under the supervision of a classroom teacher. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle. EDUC 102 or the equivalent.

**EDUC 107** TEACHER ASSISTANT: SCIENCE & LITERACY CAMPS 2 UNITS  
**HOURS: 40 LEC** CSU

EDUC 107 is part of Mini-Corps, a component of the California Master Plan for the education of migrant children. It is a basic preparation course for second level Mini-Corps instructional mentors and tutors who will teach migrant children, primarily in group settings, in outdoor summer science and literacy camps. The students will gain introductory knowledge of curriculum content including basic English Language Development (ELD), English Language Arts (ELA), mathematics, science and leadership development strategies. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle. EDUC 102 or 106 or the equivalent.

**EDUC 108** FIELD EXPERIENCE: SCIENCE & LITERACY CAMPS 6 UNITS  
**HOURS: 336 LAB** CSU

EDUC 108 is part of Mini-Corps, a component of the California Master Plan for the education of migrant children. It is a basic preparation field experience course for second level Mini-Corps instructional mentors and tutors who will teach migrant children, primarily in group settings, in outdoor summer science and literacy camps. The students will apply introductory knowledge of tutoring/presenting curriculum content including basic English Language Development (ELD), English Language Arts (ELA), mathematics, science and leadership development strategies in a small group outdoor instructional setting. Student with the assistance of a third and fourth level MC students will be able to apply knowledge learned in EDUC 107. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle. EDUC 107 or the equivalent.

**EDUC 200** INTRODUCTION TO EDUCATION/FIELD EXPERIENCE 3 UNITS  
**HOURS: 36 LEC; 54 LAB** CSU

Introduces the student to concepts and issues related to teaching diverse school learners. Includes teaching as a career, requirements for credentialing, content and performance standards and frameworks, ethical responsibilities, and current issues in education. Requires field experience under a certificated classroom teacher.

**EDUC 201** TEACHER ASSISTANT III 2 UNITS  
**HOURS: 36 LEC**

EDUC 201 is part of the Mini-Corps Program, a component of the California Master Plan for the education of migrant children. It is an intermediate course for students who have trained as Second Level instructional tutors and mentors. Students will have the opportunity to develop intermediate knowledge of current teaching skills that will support migrant children who are most academically at risk, such as, identifying and applying math and English Language Development (ELA) concepts and strategies to meet identified deficiencies. The student will learn about intermediate curriculum content in math, ELA and English Language Development (ELD) including vocabulary development, small group instruction, preparing and using realia and hands on materials. The student will learn about intermediate professionalism standards in education, such as developing a professional portfolio. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle. EDUC 101 or the equivalent.

**EDUC 202** TEACHER ASSISTANT IV 2 UNITS  
**HOURS: 36 LEC**

EDUC 202 is part of the Mini-Corps Program, a component of the California Master Plan for the education of migrant children. It is a work experience course for students who have trained as Fourth Level instructional tutors and mentors. Students will have the opportunity to develop advanced knowledge of current teaching skills that will support migrant children who are most academically at risk, such as, career preparation, differentiated instruction and extended instruction. The student will learn about advanced curriculum content in English Language Arts (ELA), English Language Development (ELD) and math, e.g. .comprehension, analysis and integration of multiple sources of data, resources and strategies. The student will learn about advanced professionalism standards in education, such as career preparation. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle. EDUC 102 or the equivalent.

**EDUC 204** **TEACHER ASSISTANT II: PUPPETRY** **2 UNITS**  
**HOURS: 36 LEC**

EDUC 204 is part of Mini-Corps, a component of the California Master Plan for the education of migrant children. It is the advanced course for students in their second level as instructional tutors and mentors. During the summer, the California Mini-Corps program sponsors a Puppeteer Program and trains a select team of tutors as puppeteers assigned to multiple school districts in Migrant Regions that have requested these services. Students advanced their training on developing and conducting presentations on a variety of health and school connectedness related topics including drug prevention, dental hygiene, bullying, anti-smoking and self-esteem. Working as mentors to teacher assistant I, assist them in relaying their knowledge to migrant children in a classroom or migrant camp setting by performing puppetry. Course instructors will provide students with the necessary puppetry skills. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle. EDUC 104 or equivalent. Puppetry applicants must be proficient in English, and have a high degree of proficiency in Spanish, Tagalog, Punjabi, or Hmong. Must have at least a 2.0 grade average.

**EDUC 205** **TEACHER ASSISTANT: FIELD EXPERIENCE III** **3 UNITS**  
**HOURS: 182 LAB**

EDUC 205 is part of the Mini-Corps Program, a component of the California Master Plan for the education of migrant children. It is a work experience course for students who have trained as Second Level instructional tutors and mentors. Students will have the opportunity to apply intermediate knowledge of current teaching skills that will support migrant children who are most academically at risk, such as, identifying and applying math, English Language Arts (ELA) and English Language Development (ELD) concepts and strategies to meet identified deficiencies. The student will apply their knowledge of intermediate math, ELA and ELD curriculum content, including vocabulary development, small group instruction, preparing and using "realia" and hands on materials. Students will work under the supervision of a classroom teacher. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle. EDUC 105 or the equivalent.

**EDUC 206** **TEACHER ASSISTANT: FIELD EXPERIENCE IV** **3 UNITS**  
**HOURS: 182 LAB**

EDUC 206 is part of the Mini-Corps Program, a component of the California Master Plan for the education of migrant children. It is a work experience course for students who have trained as Fourth Level instructional tutors and mentors. Students will have the opportunity to apply advanced knowledge of current teaching skills that will support migrant children who are most academically at risk, such as, career preparation, differentiated instruction and extended instruction. The student will apply advanced curriculum content in English Language Arts (ELA), English Language Development (ELD) and math, e.g. comprehension, analysis and integration of multiple sources of data, resources and strategies. The students will work under the supervision of a classroom teacher. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle. EDUC 106 or the equivalent.

**EDUC 207** **TEACHER ASSISTANT II: SCIENCE & LITERACY** **2 UNITS**  
**HOURS: 40 LEC**

EDUC 207 is part of Mini-Corps, a component of the California Master Plan for the education of migrant children. It is an intermediate preparation course for third level Mini-Corps instructional mentors and tutors who will teach migrant children, primarily in group settings, in outdoor summer science and literacy camps. The students will gain intermediate knowledge of curriculum content including basic English Language Arts (ELA), English Language Development (ELD), mathematics, science and leadership development strategies. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle. EDUC 107 or 108 or the equivalent.

**EDUC 208** **TEACHER ASSISTANT II: SCIENCE & LITERACY CAMPS** **6 UNITS**  
**HOURS: 336 LAB**

EDUC 208 is part of Mini-Corps, a component of the California Master Plan for the education of migrant children. It is a basic preparation field experience course for third level Mini-Corps instructional mentors and tutors who will teach migrant children, primarily in group settings, in outdoor summer science and literacy camps. The students will apply intermediate knowledge of tutoring/presenting curriculum content including basic English Language Arts (ELA), English Language Development (ELD), mathematics, science and leadership development strategies in a small group outdoor instructional setting. Student with the assistance of a fourth level MC student will be able to apply knowledge learned in EDUC 107. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle. EDUC 207 or the equivalent.

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

The transfer requirements satisfied by FRC courses for California four-year universities or University of Nevada, Reno are indicated below the unit value of each course. The IGETC pattern applies to both the California Sate University (CSU) and University of California (UC) Systems, as well as the University of Nevada, Reno. The letters in parentheses indicate any General Education (GE) Breadth area also satisfied. Please refer to the CSU and IGETC transfer patterns (pages 75-77) or meet with an academic advisor for clarification.

**EDUC 217** **TEACHER ASSISTANT III: SCIENCE & LITERACY CAMPS** **6 UNITS**  
**HOURS: 40 LEC**

EDUC 217 is part of Mini-Corps, a component of the California Master Plan for the education of migrant children. It is a basic preparation course for fourth level Mini-Corps instructional mentors and tutors who will teach migrant children, primarily in group settings, in outdoor summer science and literacy camps. The students will gain advanced knowledge of curriculum content including basic English Language Arts (ELA), English Language Development (ELD), mathematics, science and leadership development strategies. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle. EDUC 207 or 208 or the equivalent.

**EDUC 218** **FIELD EXPERIENCE III: SCIENCE & LITERACY CAMPS** **6 UNITS**  
**HOURS: 336 LAB**

EDUC 218 is part of Mini-Corps, a component of the California Master Plan for the education of migrant children. It is an intermediate preparation field experience course for fourth level Mini-Corps instructional mentors and tutors who will teach migrant children, primarily in group settings, in outdoor summer science and literacy camps. The students will apply advanced knowledge of tutoring/presenting curriculum content including basic English Language Arts (ELA), English Language Development (ELD), mathematics, science and leadership development strategies in a small group outdoor instructional setting. Student will assist second and third level MC student to apply knowledge learned in EDUC 109. Prerequisite: TB clearance required; Justice Department clearance required; experiential knowledge of the migrant lifestyle. EDUC 207 or the equivalent.

**EMERGENCY MEDICAL TECHNICIAN**

**EMT 021** **EMERGENCY MEDICAL TECHNICIAN REFRESHER** **1.5 UNITS**  
**HOURS: 8 LAB**

Designed to meet the recertification requirements for EMT 1. This annual course provides review of topics and skills as prescribed under the California Administrative Code. Since skills/proficiencies are enhanced by supervised repetition and practice is required for continued certification, this course may be repeated as required. Be prepared to pay a test fee for the Nor-Cal recertification test. Prerequisite EMT 120.

**EMT 120** **EMERGENCY MEDICAL TECHNICIAN 1A** **8 UNITS**  
**HOURS: 7.5 LEC; 1.5 LAB** **CSU**

This course is designed to meet the certification requirements for the National Certification exam for Emergency Medical Technicians, and meets the requirements as prescribed under Title 22, California Code of Regulations.

**EMT 200** **ADVANCED EMERGENCY MEDICAL TECHNICIAN** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB** **CSU**

This course is designed for current holders of EMT-1 or EMT-Basic to be eligible to become an Advanced Emergency Medical Technician and serve in career positions. Upon successful completion, the student will be able to sit for the National Registry of Emergency Medical Technicians Advanced EMT written and practical skills examination. Prerequisite: EMT 120 or equivalent.

**ENGLISH**

**ENGL 010** **ELEMENTARY COMPOSITION AND READING** **3 UNITS**  
**HOURS: 3 LEC**

Pre-college level composition and reading intended to prepare students for college-level work. Reading: emphasis on reading rate, retention, comprehension and vocabulary. Composition: emphasis on grammar, structure and usage, paragraph construction, short essays. Prerequisite: Completion of ENGL 010 with a "C" or higher or appropriate assessment test score equivalent with passing ENGL 101.

**ENGL 101** **COMPOSITION AND READING** **3 UNITS**  
**HOURS: 3 LEC** **CSU (A2), UC, IGETC (1A)**

Pre-college level composition and reading intended to prepare students for college-level work. Reading: emphasis on reading rate, retention, comprehension and vocabulary. Composition: emphasis on grammar, structure and usage, paragraph construction, short essays. Prerequisite: Completion of ENGL 010 with a "C" or higher or appropriate assessment test score.

**ENGL 102** **INTRODUCTION TO LITERATURE** **3 UNITS**  
**HOURS: 3 LEC** **CSU (A3), UC**

Students are introduced to major literary genres of fiction, poetry, and drama. Students learn to read and write analytically and critically about major literary themes taken from a wide variety of writers, time periods, and cultures. Students build on the writing and expository skills learned in English 101. This is the second course in the composition and reading sequence. Each Student will write 7,000-8,000 words. Completion of ENGL 101 with a "C" grade or higher or appropriate assessment test score.

<b>ENGL 103</b> HOURS: 3 LEC	<b>CRITICAL THINKING</b>	<b>3 UNITS</b> CSU (A3), UC, IGETC (1B)
Course develops critical thinking, reading and writing skills beyond the level achieved in English 101, 102. Special emphasis put on the use of sound thinking in written communication of ideas. Based on the logical fundamentals of critical thinking, analysis and argumentation. Readings are oriented toward philosophy and similar areas. This is the third course in the composition and reading sequence. Each student will write 7,000 to 8,000 words. Prerequisite: Completion of ENGL 101 with a "C" grade or higher or assessment test score.		
<b>ENGL 118</b> HOURS: 3 LEC	<b>SMALL GROUP COMMUNICATION</b>	<b>3 UNITS</b> CSU (A1)
Group process theory, leadership concepts and techniques, and the role of communication in small groups. Course involves participation in small group dynamics and development of skills in problem-solving, critical thinking, and individual communication techniques within the small group context.		
<b>ENGL 119</b> HOURS: 3 LEC	<b>INTERPERSONAL COMMUNICATION</b>	<b>3 UNITS</b> CSU (A1), UC
A survey of the field of interpersonal communication that includes a review of the theory, research and skills that students can use to improve the quality of their relationships.		
<b>ENGL 120</b> HOURS: 3 LEC	<b>SPEECH</b>	<b>3 UNITS</b> CSU (A1), UC, IGETC (1C)
Instruction in techniques to enhance confidence in and mastery of public speaking. Emphasis on composition, presentation, and evaluation of original speeches and critical assessment of public communication events. Includes impromptu, memorized, extemporaneous speeches, group dynamics and discussion, live and videotaped delivery, persuasion and argumentation, and formal debate.		
<b>ENGL 128</b> HOURS: 3 LEC	<b>FILM APPRECIATION</b>	<b>3 UNITS</b> CSU (C1), UC, IGETC (3A)
Analytical and critical survey of a genre of films, including fields of production, direction and acting. Cross-listed as HUMN 128.		
<b>ENGL 150</b> HOURS: 2 LEC; 3 LAB	<b>INTRODUCTION TO NEWSPAPER WRITING, EDITING AND PRODUCTION</b>	<b>3 UNITS</b> CSU
An introductory journalism and new media website/blog production course. Emphasis in the lecture portion of the course focuses on contemporary journalism/media and its role in society, as well as ethics, news writing and editing and multimedia storytelling; lab portion emphasizes web-based news production, reporting, blogging, social media networking and advertising, copy editing, layout and design.		
<b>ENGL 170</b> HOURS: 3 LEC	<b>CREATIVE WRITING I</b>	<b>3 UNITS</b> CSU (C2), UC
Emphasis on fiction but may include poetry. Practical writing assignments follow from analytical knowledge of basic elements of fiction. Critical reading of established writers and critique of student work. Some degree of individual instruction.		
<b>ENGL 172</b> HOURS: 3 LEC	<b>CREATIVE WRITING II</b>	<b>3 UNITS</b> CSU
Students undertake intensive work in creative writing, choosing to work in fiction, prose, or poetry. Special attention is paid to enhancing specific writing skills and to work on well-defined and large projects. A portion of the students' class time will be to mentor students in English 170, Creative Writing as a way to teach themselves more about their own writing and skills.		
<b>ENGL 180</b> HOURS: 3 LEC	<b>NATURE LITERATURE IN AMERICA</b>	<b>3 UNITS</b> CSU (C2), UC, IGETC (3B)
A survey of American literature that will investigate how our emotions, aesthetics, personal and social consciousness, and even our very orientation in the world, have always been inseparably tied to our experience of nature. Students will discover how the best American writers have portrayed the natural world as nurturing or antagonistic, as robust or endangered, and especially as a symbolic means of expressing those elements of the inner life that seem impossible to articulate in normal, discursive language.		

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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<b>ENGL 228</b> HOURS: 3 LEC	<b>NOVEL AND FILM</b>	<b>3 UNITS</b> CSU (C2), UC
A study in literary and cinematic technique focusing on narrative genres and theme. Selected novels compared to transposed versions on film. Novel types covered: Bildungsroman, Gothic, Detective, Post-modern, Contemporary. Examples of theme: love and revolution, coming of age, ethnic assimilation, colonialism and consciousness. Lecture, discussion, film viewing. Cross-listed with HUMN 228.		
<b>ENGL 245</b> HOURS: 3 LEC	<b>CONTEMPORARY LITERATURE</b>	<b>3 UNITS</b> CSU (C2), UC, IGETC (3B)
An intensive examination of literature from the English-speaking world, 1945 to present. Students will consider different national perspectives and cultures, as well as the major trends of contemporary literature. Issues covered will include modernism and post-modernism, the nuclear age, technology, society and culture, and the end of colonial rule. In addition, we will also examine the underlying political and philosophical issues which are necessary for an understanding of contemporary literature.		
<b>ENGL 246</b> HOURS: 3 LEC	<b>WOMEN'S LITERATURE</b>	<b>3 UNITS</b> CSU (C2), UC
A survey of literature by women writing in English in all genres that will examine both canonical texts and overlooked, neglected or forgotten works which have fallen outside the traditional canon. Students will investigate how these works engage and/or circumvent the traditional canon.		
<b>ENGL 252</b> HOURS: 3 LEC	<b>AMERICAN LITERATURE I</b>	<b>3 UNITS</b> CSU (C2), UC
An intensive examination of American literature from its beginnings to 1877. Students will examine writings that reflect cultural encounters from 1492 to 1750, practical and political ideas of revolutionary thinkers, romantic spirit of individualism, and realistic challenges of the civil war, reconstruction and frontier life to 1877. Students will explore America's cultural diversity, as well as our unity, in an examination of what it means to be an American. Advisory: ENGL 101.		
<b>ENGL 254</b> HOURS: 3 LEC	<b>AMERICAN LITERATURE II</b>	<b>3 UNITS</b> CSU (C2), UC
An intensive examination of American literature from 1877 to the present. Students will read selected literature, discuss the material in-depth, and write reflectively to discover what it is about these texts that make them distinctly "American". Students will consider the major historical, cultural, intellectual and political events that influenced the American authors whose writings are examined. Advisory: ENGL 101.		
<b>ENGL 256</b> HOURS: 3 LEC	<b>SURVEY OF BRITISH LITERATURE I</b>	<b>3 UNITS</b> CSU (C2), UC, IGETC (3B)
Survey of literary culture and civilization of England. Covers development of literary forms and the history of critical taste in political, cultural and philosophical context. Emphasis on the great writers and central works from Beowulf to Pope (Medieval period through 18th century). Prerequisite: ENGL 101.		
<b>ENGL 257</b> HOURS: 3 LEC	<b>SURVEY OF BRITISH LITERATURE II</b>	<b>3 UNITS</b> CSU (C2), UC, IGETC (3B)
Survey of literary culture and civilization of England. Covers development of literary forms and the history of critical taste in political, cultural and philosophical context. Emphasis on the great writers and central works from Blake to Seamus Heaney (19th through 20th century). Prerequisite: ENGL 101.		
<b>ENGL 277</b> HOURS: 3 LEC	<b>INTRODUCTION TO SHAKESPEARE</b>	<b>3 UNITS</b> CSU (C2), UC, IGETC (3B)
Acquaints students with dramatic structure, poetry and central themes of Shakespeare's work. Plays selected to represent range and development of his art. Emphasis on close text analysis, critical viewing of videotaped plays, and thematic interpretation. Includes introduction to Shakespearean criticism.		
<b>ENGL 291</b> HOURS: 18 - 270 LEC	<b>DIRECTED STUDY</b>	<b>1-5 UNITS</b> CSU
A student may take advanced course work or complete a student designed project in English after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.		

**ENGL 303** **READING AND WRITING SKILLS** **3 UNITS**  
**HOURS: 3 LEC**  
 This course is designed for those students who need a review of the reading and writing process. The student should have a background in grammar and sentence structure but will need additional help in developing the ideas, critical thinking, details and revision skills necessary to succeed in ENGL010. This course will provide instruction with particular emphasis on learning to read and write more effectively.

**ENGL 400** **ENGLISH AS A SECOND LANGUAGE: LITERACY SKILLS LEVEL** **0 UNITS**  
**HOURS: 3 LEC**  
 This is a competency based course designed for the beginning ESL student who has little or no formal education, lacks experience with the Roman alphabet, or has other literacy problems. English survival skills will be taught while emphasizing listening, speaking, reading and writing.

**ENGL 401** **ENGLISH AS A SECOND LANGUAGE: BEGINNING LEVEL** **0 UNITS**  
**HOURS: 3 LEC**  
 This is a competency based education course designed for the beginning ESL student who is beginning to learn survival English skills. Emphasis on listening, speaking, reading and writing skills will allow students to gain confidence in survival English and go on to use more complex structures.

**ENGL 402** **ENGLISH AS A SECOND LANGUAGE: INTERMEDIATE LEVEL** **0 UNITS**  
**HOURS: 3 LEC**  
 This is a competency based education course designed for the intermediate ESL student with some experience with English, but may still have difficulty with complex English structures such as tenses, imbedded clauses and modalities. Most students at this level need few survival skills, but lack fluency in the structures that they use. While this course will continue to provide advanced listening and speaking skills, the emphasis will begin to shift toward reading and writing skills.

**ENGL 403** **ENGLISH AS A SECOND LANGUAGE: ADVANCED LEVEL** **0 UNITS**  
**HOURS: 3 LEC**  
 This is a competency based education course designed for the advanced ESL student who needs to develop grammar and structure skills in English for higher academic-level English progress. This course will fine-tune listening and speaking skills but will focus on the complex grammatical structures needed in higher academic-level classes. Reading and writing skills will be especially emphasized.

## ENVIRONMENTAL STUDIES

**ENVR 045** **SEASONAL FIREFIGHTER BASIC TRAINING** **2 UNITS**  
**HOURS: 36 LEC**  
 Basic concepts, techniques, skills and theories on fire suppression and control. Includes fire physics, fuels, weather, topography, behavior, fire-line construction, National Interagency Incident Management System, safety and helicopters. Meets training needed to become a firefighter for federal and state agencies.

**ENVR 102** **INTRODUCTION TO ENVIRONMENTAL STUDIES** **3 UNITS**  
**HOURS: 3 LEC**  
 This interdisciplinary course introduces students to the field of environmental studies by emphasizing connections between person, place, and time. Through readings in the foundational texts of environmental philosophy, exposure to the complexities of "environmentalism," and reflective outdoor experiences, students will begin developing an appreciation for their unique ecological identity, significance in history, and role in their community.

**ENVR 103** **ENVIRONMENTAL STUDIES SEMINAR** **1 UNIT**  
**HOURS: 1 LEC**  
 This course is designed to be taken early in a student's career in the Environmental Studies program. It will help build community among new students by introducing them to program staff, returning students, Plumas County (through map exercises, primarily), and by inviting natural resource professionals to speak about their careers and experiences.

### GENERAL EDUCATION/CORE CLASS IDENTIFICATION

The transfer requirements satisfied by FRC courses for California four-year universities or University of Nevada, Reno are indicated below the unit value of each course. The IGETC pattern applies to both the California State University (CSU) and University of California (UC) Systems, as well as the University of Nevada, Reno. The letters in parentheses indicate any General Education (GE) Breadth area also satisfied. Please refer to the CSU and IGETC transfer patterns (pages 75-77) or meet with an academic advisor for clarification.

**ENVR 120** **SIERRA NEVADA NATURAL HISTORY** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB**  
 Learn to observe the patterns and relationships of flora, fauna, and non-living elements of the Sierra Nevada range, with a particular focus on Plumas County. Basic ecology, climatology and geology will also be discussed. An overnight field trip is required. Cross-listed with BIOL120.

**ENVR 125** **WILDLIFE LAW AND ISSUES** **2 UNITS**  
**HOURS: 2 LEC**  
 In-depth studies of wildlife issues, laws, and regulations throughout North America and the world. The course includes in-depth discussions and analysis of the Endangered Species Act, commercialization of wildlife, illegal trade of wildlife, introduction of exotic species, the effects of pollution on wildlife, depredation wildlife and human populations' effect upon wildlife. Possible solutions to wildlife issues will be reviewed. Cross-listed with ADMJ 125.

**ENVR 140** **WILDLAND FIRE MANAGEMENT** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB**  
 Introduction to fire ecology, and basic concepts, techniques, skills and theories on fire suppression and control. Includes fire physics, fuels, weather, topography, fire behavior, fire suppression, fire weather and prescribed fire. Field labs include fire line construction and prescribed burning. Meets training needed to become a firefighter with federal and state agencies.

**ENVR 142** **INTRODUCTION TO ENVIRONMENTAL SCIENCE** **3 UNITS**  
**HOURS: 3 LAB**  
 Course covers the scientific basis of global environmental issues. Students explore and evaluate various environmental perspectives as they relate to the role of humanity and its relationship to the natural world.

**ENVR 142L** **INTRODUCTION TO ENVIRONMENTAL SCIENCE LAB** **1 UNIT**  
**HOURS: 3 LAB**  
 The laboratory section of ENVR 142 will build on students' understanding of concepts covered in the lecture course. Emphasis will be placed on quantitative methods of assessing data, collecting scientific data, representing information through graphs and charts, manipulating data in Excel, and applying chemical and physical concepts.

**ENVR 152** **DEONDROROLOGY** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB**  
 Classification, identification and nomenclature of forest trees and shrubs of the U.S., emphasizing native western species. Analysis of species' range of survival and optimal growth, along with sub-speciation and varieties in major commercial timber zones. Familiarization with tree/shrub morphological characteristics, common, scientific and family names, plus their ecological and commercial role as major forest cover types. Cross-listed with BIOL 152.

**ENVR 160** **WATERSHED PROTECTION AND RESTORATION** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB**  
 This class will introduce you to the fundamental concepts, techniques, and tools used to understand the structure and function of watersheds. In addition, the class will address the basic techniques of stream corridor restoration. During the semester students will have the opportunity to apply knowledge and skills gained to collaborate on watershed restoration projects.

**ENVR 164** **NATIVE PLANTS WORKSHOP** **1 UNIT**  
**HOURS: 9 LEC; 27 LAB**  
 This hands-on course focuses on native plant propagation, including identification, seed and cutting collection, transplanting, nursery and greenhouse operations, and revegetation techniques. Evening classroom sessions and daytime application / fieldtrips will combine to provide students with an understanding of how to initiate their own native plant projects.

**ENVR 180** **ENVIRONMENTAL POLICY** **3 UNITS**  
**HOURS: 3 LEC**  
 We will engage in a comprehensive analysis of the laws and policies that affect water, land, air, fire, wildlife, and vegetation in the American West. The class will examine the federal land management agencies (history, mission, policies), and issues specific to wilderness, wildlife, timber, grazing, water, and mining. While the primary focus is on the western U.S., some discussion of global issues will occur. The course examines policy strategies and outcomes, ethical and economic debates, political controversies, lawmaking and enforcement, and role of key players. Cross-listed with POL 180.

<b>ENVR 190</b> HOURS: 27 LAB	<b>ENVIRONMENTAL STUDIES FIELD COURSE</b>	<b>.5 UNIT</b> CSU
Selected environmental studies field trips to areas of environmental, historical and ecological interest within four major North American biomes: Great Basin, Sierra Nevada, Southern Cascades, and Modoc Plateau.		
<b>ENVR 192</b> HOURS: 4.5 LEC; 13.5 LAB	<b>WINTER ECOLOGY</b>	<b>.5 UNIT</b> CSU
By taking local field trips, this course attempts to develop an understanding of winter ecology by using hands-on, practical ecological methods.		
<b>ENVR 194</b> HOURS: 9 LEC; 27 FIELD	<b>CURRENT ENVIRONMENTAL ISSUES</b>	<b>1 UNIT</b> CSU
We will explore three regional environmental concerns through classroom and field sessions. Readings, guest speakers, discussion, direct observation, and hands-on projects will provide students with varied perspectives and allow you to make judgments about the issues and seek solutions to these complex challenges.		
<b>ENVR 201</b> HOURS: 2 LEC; 3 LAB	<b>INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (GIS)</b>	<b>3 UNITS</b> CSU
An introduction to Geographical Information Systems (GIS) including basic principles as well as practices involving GIS. Students will learn about assessment of vector and raster data, scale, resolution, map projection, coordinate systems, georeferencing, and Global Positioning Systems. In addition, students will learn how GIS facilitates interdisciplinary project approaches, methods of data collection and sampling methods, spatial analysis, project design, and implementation. Cross-listed with GEOG 201.		
<b>ENVR 210</b> HOURS: 2 LEC; 3 LAB	<b>INTRODUCTION TO SOIL SCIENCE</b>	<b>3 UNITS</b> CSU
An introduction to the biological, chemical and physical properties of soils. Major topic areas include the relationship of soil characteristics to land management, maintenance of soil productivity, soil erosion processes and erosion control methods, soil classification and the use of soil survey information in agriculture, watershed and wildlife applications. The relationship of soil properties and the geologic/geomorphic setting is emphasized. Cross-listed with AGPS 210.		
<b>ENVR 220</b> HOURS: 2 LEC; 3 LAB	<b>INTRODUCTION TO FORESTRY</b>	<b>3 UNITS</b> CSU
This course is an introduction to forest ecological and biological processes and to forest management, through discussion of silviculture, policy, operations, forest products, and management decision making. Students will learn about techniques for measuring forests and other forest ecosystem components, such as soil, wildlife habitat, etc. Emphasis will be placed both on traditional use of forest resources and emerging, multiple-use goals.		
<b>ENVR 240</b> HOURS: 2 LEC; 3 LAB	<b>INTRODUCTION TO WILDLIFE</b>	<b>3 UNITS</b> CSU
An exploration of the field of wildlife biology, including conservation, ecology, threats, and management of wildlife. The class is designed as an introductory-level course for the student interested in wild vertebrate species, including fish.		
<b>ENVR 241</b> HOURS: 2 LEC; 6 LAB	<b>WILDLIFE DIVERSITY AND FIELD TECHNIQUES</b>	<b>4 UNITS</b> CSU
An applied course dealing with field identification and basic natural history of vertebrate wildlife and the fundamental field techniques used in wildlife management. ENVR 240 is a prerequisite for this course.		
<b>ENVR 250</b> HOURS: 2 LEC; 3 LAB	<b>INTRODUCTION TO AQUACULTURE</b>	<b>3 UNITS</b> CSU
An introduction to the techniques and methodology of fisheries culture, in earthen ponds and flow-through raceways. Lectures will focus on history, theory, hatchery systems, site selection, and water quality, feeding rates, and the economics of an aquaculture facility. The lab portion will focus on applying the lecture to the FRC fish hatchery and the production of salmonid species.		

#### GENERAL EDUCATION/CORE CLASS IDENTIFICATION

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<b>ENVR 251</b> HOURS: 1 LEC; 1 LAB	<b>ECOSYSTEM MANAGEMENT</b>	<b>2 UNITS</b>
Students will apply concepts from pre-requisite courses, to analyze and synthesize information about the environment. This will lead to participation in ecosystem management decision-making.		
<b>ENVR 264</b> HOURS: 3 LEC; 3 LAB	<b>INTRODUCTION TO FISH</b>	<b>3 UNITS</b>
This course introduces students to the study of fishes. Students delve into the history of fishes and the techniques used to differentiate the 31,000 species. The course covers anatomy, behavior, structure and form, ecology of different classes, and students will identify and describe fishes that are found in and around California.		
<b>ENVR 266</b> HOURS: 2 LEC; 3 LEC	<b>ADVANCED AQUACULTURE</b>	<b>3 UNITS</b> CSU
This course builds upon the knowledge gained in ENVR250 Fish Culture and delves deeper into the subjects of water quality, water management, feed management, inventory, and bio filtration. These subjects are the driving force for recirculation fish culture. Students will explore the important mechanical components of a system and the role each plays in the life support of the culture species. Cross-listed with AGAS266. Prerequisite: ENVR 250.		
<b>ENVR 280</b> HOURS: 1 LEC	<b>PROFESSIONAL DEVELOPMENT IN ENVIRONMENTAL STUDIES</b>	<b>1 UNIT</b> CSU
The objective of this class is to synthesize material learned in the major and assist students in the development of professional skills in seeking out, applying to, and interviewing for continued education and/or employment in environmental fields. Prerequisite: Completed 11 units of required core courses for the Environmental Studies major.		
<b>ENVR 291</b> HOURS: 18-280	<b>DIRECTED STUDY</b>	<b>1-5 UNITS</b> CSU
A student may take advanced course work or complete a student designed project in Environmental Studies after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor and Chief Instructional Officer, and placed on file with the Office of Instruction.		
<b>ENVR 299</b> HOURS: 0-54 LEC; 0-162 LAB	<b>SPECIAL TOPICS IN ENVIRONMENTAL STUDIES</b>	<b>.5-3 UNITS</b> CSU
Course covers selected topics in evolving issues or research in the area of environmental management or ecosystem science or special field topics as the opportunity arises. Independent student research and presentation are emphasized. Cross-listed with BIOL 299.		

## FRENCH

<b>FRN 101</b> HOURS: 4 LEC	<b>BEGINNING FRENCH I</b>	<b>4 UNITS</b> CSU (C2), UC
Beginning level French emphasizing understanding and speaking modern French. Includes study of current grammatical structures and vocabulary, practice in reading and writing, and study of French culture.		
<b>FRN 102</b> HOURS: 4 LEC	<b>BEGINNING FRENCH II</b>	<b>4 UNITS</b> CSU (C2), UC, IGETC (6A)
Continuation of French 101, emphasizing understanding and speaking modern French. Includes study of current grammatical structures and vocabulary, practice in reading and writing, study of French culture.		
<b>FRN 201</b> HOURS: 5 LEC	<b>INTERMEDIATE FRENCH I</b>	<b>5 UNITS</b> CSU, UC, IGETC (6A)
Intermediate level French, continuation of FRN 102. The emphasis is on understanding and speaking modern French, using current vocabulary and grammatical structures. Course materials are based on a videotaped romantic comedy with native speakers, involving modern French culture and language. Practice in reading and writing, as well as listening and speaking. Prerequisite: FRN 102 or equivalent with "C" or better.		

FRN 291 DIRECTED STUDY 1-5 UNITS  
HOURS: 18-270 CSU

A student may take advanced course work or complete a student designed project in French after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## GEOGRAPHY

GEOG 102 PHYSICAL GEOGRAPHY 3 UNITS  
HOURS: 3 LEC CSU (B1), UC, IGETC (5A)

This course is a spatial study of the Earth's dynamic physical systems and processes. Topics include: Earth-sun geometry, weather, climate, water, landforms, geology, soil, and the biosphere. Emphasis is on the interrelationships among environmental and human systems and processes and their resulting patterns and distributions.

GEOG 104 CULTURAL GEOGRAPHY 3 UNITS  
HOURS: 3 LEC CSU (D5), UC, IGETC (4E)

This course is an introduction to cultural geography through the study of global patterns of many aspects of human culture, including population, language, religion, urban and rural settlement, and ways of economic livelihood.

GEOG 201 INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (GIS) 3 UNITS  
HOURS: 2 LEC; 3 LAB

An introduction to Geographical Information Systems (GIS) including basic principles as well as practices involving GIS. Students will learn about assessment of vector and raster data, scale, resolution, map projection, coordinate systems, georeferencing, and Global Positioning Systems. In addition, students will learn how GIS facilitates interdisciplinary project approaches, methods of data collection and sampling methods, spatial analysis, project design, and implementation. Cross-listed with ENVR 201.

GEOG 291 DIRECTED STUDY 1-5 UNITS  
HOURS: 18-270 CSU

A student may take advanced course work or complete a student designed project in Geography after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## GEOLOGY

GEOL 102 PHYSICAL GEOGRAPHY 4 UNITS  
HOURS: 3 LEC; 3 LAB CSU (B1, B3), UC, IGETC (5)

An introductory study of the phenomena shaping Earth. The modern theories about the origin of Earth, its internal structure and evolution through time. The types of rocks and formations. Geological time and plate tectonics, including seismicity, volcanism and evolution of continental and oceanic basins.

GEOL 104 HISTORICAL GEOLOGY 4 UNITS  
HOURS: 3 LEC; 3 LAB CSU (B1, B3), UC, IGETC (5)

History of the earth, covering early atmosphere, development of the earth's structure, continents and oceans, evolution of life, and the interrelationship between geological and astronomical processes. Advisory: GEOL 102.

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GEOL 190 GEOLOGIC FIELD TRIPS: PALEOZOIC AND CENOZOIC GEOLOGY .5-1 UNIT  
HOURS: 4-8 LEC; 20-40 LAB CSU

This course is a weekend, field-based class that will introduce students to the local geologic features of Paleozoic through the Cenozoic. Students will learn basic concepts of rock types, geologic processes, and landforms by viewing them in the natural landscape.

GEOL 191 GEOLOGIC FIELD TRIPS: VOLCANIC LANDSCAPES .5-1 UNIT  
HOURS: 4-8 LEC; 20-40 LAB CSU

This is a weekend, field-based course designed to expose students to local issues of urban geology and hydrogeology.

GEOL 192 GEOLOGIC FIELD TRIPS: URBAN GEOLOGY AND HYDROGEOLOGY .5-1 UNIT  
HOURS: 4-8 LEC; 20-40 LAB CSU

This is a weekend, field-based course designed to expose students to local issues of urban geology and hydrogeology.

GEOL 291 DIRECTED STUDY 1-5 UNITS  
HOURS: 178-270 CSU

A student may take advanced course work or complete a student designed project in Geology after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## HEALTH

HLTH 100 PRINCIPLES OF HEALTHFUL LIVING 3 UNITS  
HOURS: 3 LEC CSU (E), UC

Examination of current important health issues and practical means of effectively dealing with them. Main topics include mental and emotional health, nutrition, physical fitness, human sexuality, substance use and abuse, environmental health, communicable disease, aging, dying and death, safety, and first aid. Emphasis on the promotion of wellness. Cross-listed with HES 100.

HLTH 401 DISASTER ASSISTANCE 1.5 UNITS  
HOURS: 2 LEC; 1.5 LAB

This course will follow Red Cross and FEMA training guidelines to prepare students to assist in a natural or manmade disaster. Students will receive certification from the Red Cross showing that they are trained to operate within their system, to open and maintain an evacuation center, and to assist clients affected by a disaster.

## HEALTH AND EXERCISE STUDIES

HES 001 STRENGTH TRAINING AND YOUR BODY 3 UNITS  
HOURS: 2 LEC; 3 LAB

This course is designed to educate students on specific techniques used to develop muscular strength and muscular endurance while maintaining a safe environment. Students will also be responsible for tracking their progress through the course in relation to their individual training goals.

HES 002 IMPROVING CARDIO RESPIRATORY ENDURANCE 3 UNITS  
HOURS: 2 LEC; 3 LAB

This course is designed to educate students on the body's ability to perform large muscle group activity at moderate to high intensity for a prolonged period of time. Examples include but are not limited to running, cycling, and swimming.

HES 100 PRINCIPLES OF HEALTHFUL LIVING 3 UNITS  
HOURS: 3 LEC CSU (E), UC

Examination of current important health issues and practical means of effectively dealing with them. Main topics include mental and emotional health, nutrition, physical fitness, human sexuality, substance use and abuse, environmental health, communicable disease, aging, dying and death, safety, and first aid. Emphasis on the promotion of wellness. Cross-listed with HLTH 100.



<b>HES 101</b> HOURS: 3 LEC	<b>WELLNESS AND BODY MOVEMENT</b>	<b>0 UNITS</b>
This course guides students into all of the dimensions of personal health promotion and disease prevention. Life skills involving fitness and wellness that truly enhance the quality and longevity of a healthy life will be taught in a lecture and laboratory format. Safe and effective exercise is conducted in various forms of movement from beginning to advanced levels.		
<b>HES 104</b> HOURS: 3 LEC	<b>SPORTS MANAGEMENT</b>	<b>3 UNITS</b> CSU
This course is designed to examine the academic and professional requirements of coaching and administrating a sports program. Students will be exposed to the breadth of the coaching & administrating profession by examining philosophy, goals, objectives, ethics, and practical task orientations.		
<b>HES 105</b> HOURS: 1 LEC	<b>FIRST AID AND SAFETY</b>	<b>1 UNIT</b> CSU, UC
First aid in emergency and accident situations. Wounds, shock, choking, artificial respiration, adult, child, and infant CPR, injuries, burns, effects of heat and cold, medical emergencies, and transportation of the injured. Home fire safety. Upon completion, students qualify for American Red Cross Standard First Aid Certificate (three year certificate) and American Red Cross Certification (one year).		
<b>HES 108</b> HOURS: 9 LEC; 27 LAB	<b>TRACK AND FIELD AND CROSS COUNTRY SKILLS</b>	<b>.5-1 UNIT</b> CSU, UC
A fitness course that will teach and/or further one's knowledge in track and field. The class activity is designed to improve many areas in physical fitness, including: all events in track and field, cardiovascular, muscle toning, flexibility, and stress reduction.		
<b>HES 112</b> HOURS: 3 LAB	<b>ULTIMATE DISC</b>	<b>1 UNIT</b> CSU, UC
Beginning through advanced. Ultimate development of individual skills, throwing and catching, and offensive/defensive team strategy.		
<b>HES 113</b> HOURS: 3 LAB	<b>CIRCUIT TRAINING</b>	<b>1 UNIT</b> CSU (E), UC
This course is designed to encompass a full body work-out through circuit training, utilizing cardiovascular interval training, core training, and resistance exercising using free weights and Nautilus equipment. Activities for injury treatment and prevention along with rehabilitation will be discussed in order to encompass the athletic training field.		
<b>HES 114</b> HOURS: 1.5-3 LAB	<b>PHYSICAL FITNESS: STRETCH AND TONE</b>	<b>.5-1 UNIT</b> CSU, UC
A fitness program designed to improve muscle tone and strength through a series of deep muscle exercises that improve flexibility and reduce stress.		
<b>HES 115</b> HOURS: 1.5-3 LAB	<b>PHYSICAL FITNESS: AEROBICS</b>	<b>.5-1 UNIT</b> CSU, UC
Activity class designed for improved cardiovascular fitness. High /low aerobics, strength training, flexibility, and stress reduction.		
<b>HES 118</b> HOURS: 3 LAB	<b>PHYSICAL ACTIVITY, WELLNESS AND BEHAVIOR CHANGE</b>	<b>1 UNIT</b> CSU, UC
Examines personal awareness and responsibility for maintenance of health, fitness and well-being. Information will be presented concerning the benefits, positive effects, assessment and implementation of healthy lifestyles through muscular strength and endurance activities.		

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<b>HES 119</b> HOURS: 3 LAB	<b>BODY COMPOSITION: THEORY, PRINCIPLES AND MANAGEMENT</b>	<b>1 UNIT</b> CSU
Examines the relationship between exercise, diet, and body composition during muscular strength and endurance training as well as nutritional issues that affect the body both pre and post workout. The course is designed to help students develop proper lifting techniques, but also to be informed of the varying ways to evaluate and access body mass index (BMI) and body fat percentage. Broader Justification: Globally, this course fulfills part of the Feather River College general education requirements and is part of our TMC AA degree for Kinesiology. The students will gain an understanding regarding how their body can perform more efficiently and safely with the use of proper strength and endurance training programs. Also students will understand the relationship between nutrition and muscular hypertrophy.		
<b>HES 120</b> HOURS: 2.5 FIELD	<b>WEIGHT TRAINING</b>	<b>.5 UNIT</b> CSU (E), UC
The techniques of weight training. An individually adapted exercise program. Basic development of strength, endurance, speed, and agility through a controlled weight-training program.		
<b>HES 121</b> HOURS: 3 LAB	<b>MOVEMENT FUNDAMENTALS AND MULTI JOINT TRAINING</b>	<b>1 UNIT</b> CSU
This course is designed to help students develop movement skills through resistance training, strength development and muscular endurance. Focuses on blending together different combinations and sequences of exercises while conditioning the entire body.		
<b>HES 122</b> HOURS: 3 LAB	<b>PERFORMANCE RELATED FITNESS</b>	<b>1 UNIT</b> CSU
Course is designed to offer comprehensive, systematic training programs for students who wish to apply strength and conditioning techniques to specific skills and/or physical activities.		
<b>HES 123</b> HOURS: 3 LAB	<b>ASIAN MARTIAL ARTS</b>	<b>1 UNIT</b> CSU
This course will explore the historical techniques of martial arts in light of present day practical applications. This course will be presented as a more traditional martial arts class with students exploring techniques in the forms of Karate, Kung Fu, Aikido, and Taekwondo, as well as other Asian arts. It will also introduce students to weapons used in various Asian countries including the bo, fai-gi, escrima, broad sword and others. Students will learn the historical, philosophical and physiological techniques required to correctly and safely execute the required movements through sparring, grappling, and katas.		
<b>HES 124</b> HOURS: 3 LEC	<b>SPORTS IN AMERICAN HISTORY</b>	<b>3 UNITS</b> CSU
A survey of sports as a reflection of American cultural development, race and gender relations, and political and social change through the 19th and 20th centuries. The course examines the development of American life through an examination of the literature, journalism, history, film and art of sports.		
<b>HES 127</b> HOURS: 3 LAB	<b>ADVANCED ASIAN MARTIAL ARTS</b>	<b>1 UNIT</b> CSU
The Advanced Asian Martial Arts course will deepen and expand the understanding and application of traditional martial arts with students not only learning the empty hand techniques of Karate, Kung Fu, Aikido, and Taekwondo, etc., but also skills in the use of weapons from various Asian countries including: the bo, fai-gi, escrima, shinai, broad sword and others. Students will become more proficient in the various arts while expanding and deepening their knowledge and expertise in the historical, philosophical and physiological aspects of martial arts. Through the study of empty hand and weapons techniques, reality based training will incorporate grappling, sparring, empty hand against weapon scenarios.		
<b>HES 129</b> HOURS: 3 LAB	<b>BASIC JUJITSU</b>	<b>1 UNIT</b> CSU
Course covers basic principles of Jujitsu, a system of self-defense using the attacker's aggression against them. The emphasis is on balance and fulcrum more than strength.		
<b>HES 131</b> HOURS: 6 LAB	<b>BEGINNING SPORTS CONDITIONING</b>	<b>2 UNITS</b> CSU, UC
Class designed to advance athletic performance. All phases of strength and power are introduced and addressed though strength, agility, balance, plyometric and speed training. Progression of exercises will be based upon performance assessment after completion of first four weeks.		

<b>HES 132</b> <b>HOURS: 3 LEC</b>	<b>SPORTS IN SOCIETY</b>	<b>3 UNITS</b> <b>CSU</b>
This course is designed to enable students to understand the relationship between specific aspects of sociology and sport. The class will examine social, political, and economic factors that directly and indirectly affect individual and team sport performance.		
<b>HES 133</b> <b>HOURS: 3 LEC</b>	<b>INTRODUCTION TO KINESIOLOGY</b>	<b>3 UNITS</b> <b>CSU</b>
This course is designed to introduce the student to the discipline of kinesiology and its relationship to physical activity. This course will focus on how practical applications relate to different professions in the sub-disciplines in kinesiology in the areas of teaching, coaching, allied health, and fitness professions. Historical, ethical, and philosophical foundations of kinesiology will also be discussed.		
<b>HES 135</b> <b>HOURS: 5 FIELD</b>	<b>ADVANCED SPORTS CONDITIONING</b>	<b>1 UNIT</b> <b>CSU, UC</b>
Class designed to maximize athletic performance. All phases of strength and power are progressed using strength, agility, balance, plyometric and speed training techniques. Progression of exercises will be based upon performance assessments after completion of intermediate sport conditioning class.		
<b>HES 136</b> <b>HOURS: 3 LAB</b>	<b>SPEED, AGILITY AND CONDITIONING</b>	<b>1 UNIT</b>
Speed, agility, and conditioning are vital components of physical activity progression. This course is designed to help students train their proprioceptive senses, to learn and develop motor skills that enhance performance and prevent injury in their specific sport or activity. Activities for injury prevention, treatment and rehabilitation will be discussed in order to encompass the athletic training field.		
Additional Justification: Globally, this course fulfills part of the Feather River College general education requirements and is part of our TMC AA degree for Kinesiology. The students will gain understanding of how to train proprioceptive senses, to learn/develop motor skills that enhance speed, agility, and conditioning. The importance of proper warm up and cool down exercises will be covered. Students will gain knowledge of the importance of interval training and various resistance training techniques. Students will also be able to understand the proper use and methods versus negative training along with methods to increase injury awareness.		
<b>HES 137</b> <b>HOURS: 3 LAB</b>	<b>LAND BASED STRENGTH AND STABILIZATION</b>	<b>1 UNIT</b>
Variety of individual and group activities performed on land such as plyometrics, medicine balls, hurdles, and cardiovascular equipment; student improvement of strength and stabilization through explosion and core training. Activities for injury treatment and prevention along with rehabilitation will be discussed in order to encompass the athletic training field.		
<b>HES 138</b> <b>HOURS: 3 LAB</b>	<b>FITNESS ACTIVITIES AND THEORIES</b>	<b>1 UNIT</b>
Topics related to individual fitness and development of personal skills, such as form running, body positioning, muscle memory, motor control and skill development. Activities for injury treatment and prevention along with rehabilitation will be discussed in order to encompass the athletic training field.		
<b>HES 139</b> <b>HOURS: 3 LAB</b>	<b>ASIAN MARTIAL ARTS: WEAPONS</b>	<b>1 UNIT</b> <b>CSU</b>
Throughout history, weapons have been used as an extension of the body. The study of martial arts enables one to become prepared physically and mentally for challenges that arise in life. The use of traditional weapons expands upon these principles. The student will learn the historical context of weapons from various Asian countries including: the bo, escrima, shinai, broad sword, fai-gi, bokken, naginata, and many others. The student will learn techniques for the proper use of these weapons in two- person routines and for executing attacking and defensive moves. Students will become proficient in the use of several weapons, with a more in-depth study and focus on a particular weapon that will change each semester. Advisory: HES123 or equivalent, or instructor's approval.		
<b>HES 141</b> <b>HOURS: 3 LEC</b>	<b>PRINCIPLES OF FITNESS AND PERFORMANCE</b>	<b>3 UNITS</b> <b>CSU</b>
Through lecture and discussion the class will explore the physiological, psychological, and sociological values of fitness and principles of performance training. The student will study and implement the guidelines on how to commence or maintain a program of a healthy and enjoyable exercise program. The student will participate in fitness assessment, and exercise prescription. Other topics of study will include exercise and the environment, exercise for diverse populations, and sport nutrition.		

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<b>HES 143</b> <b>HOURS: 2.5-5 FIELD</b>	<b>PRINCIPLES OF PERFORMANCE LAB</b>	<b>.5-1 UNIT</b> <b>CSU</b>
Course related to the continuation of teaching fundamentals, and implementation of plays.		
<b>HES 150</b> <b>HOURS: 3 LAB</b>	<b>INTRAMURALS</b>	<b>.5-1 UNIT</b> <b>CSU, UC</b>
A variety of courses including both individual and team sports.		
<b>HES 151</b> <b>HOURS: 1.5-3 LAB</b>	<b>EXTRAMURAL ULTIMATE DISC</b>	<b>.5-1 UNIT</b> <b>CSU, UC</b>
Regional tournament team play. Instruction in advanced skills of Ultimate Disc. Focusing on conditioning for advanced tournament play.		
<b>HES 157</b> <b>HOURS: 1 LEC; 6 LAB</b>	<b>SPORTS OFFICIATING</b>	<b>3 UNITS</b> <b>CSU</b>
Covers current officiating topics with emphasis on basic concepts of officiating. Sports addressed include volleyball, basketball, football, baseball, softball, and floor hockey. This course will focus on the organization and techniques of officiating sports. Comprehensive instruction in rules, officiating techniques, scoring, and practical lab experience.		
<b>HES 158</b> <b>HOURS: 3 LAB</b>	<b>THEORY OF INTERCOLLEGIATE WOMEN'S TRACK AND FIELD</b>	<b>1 UNIT</b>
A course that covers all aspects of the theory of track and field, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies of running track as an individual as a team as well as field events.		
<b>HES 159</b> <b>HOURS: 3 LAB</b>	<b>THEORY OF INTERCOLLEGIATE MEN'S SOCCER</b>	<b>1 UNIT</b> <b>CSU</b>
A course that covers all aspects of the theory of men's soccer, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies, and opponent scouting and evaluation.		
<b>HES 160</b> <b>HOURS: 3 LEC</b>	<b>PSYCHOLOGY OF COACHING</b>	<b>3 UNITS</b> <b>CSU</b>
Designed to examine the various aspects of interpersonal behavior and motivational psychology as it pertains to coaching athletes, including: philosophy of coaching, motivation, leadership, anxiety, and stress, self-perception, aggression, and social influence.		
<b>HES 161</b> <b>HOURS: 3 LAB</b>	<b>THEORY OF INTERCOLLEGIATE WOMEN'S SOCCER</b>	<b>1 UNIT</b> <b>CSU</b>
A course that covers all aspects of the theory of women's soccer, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies, and opponent scouting and evaluation.		
<b>HES 163</b> <b>HOURS: 3 LAB</b>	<b>THEORY OF INTERCOLLEGIATE WOMEN'S CROSS COUNTRY</b>	<b>1 UNIT</b>
A course that covers all aspects of the theory of cross country, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies of running cross country as an individual and as a team.		
<b>HES 165</b> <b>HOURS: 3 LAB</b>	<b>THEORY OF INTERCOLLEGIATE WOMEN'S BASKETBALL</b>	<b>1 UNIT</b> <b>CSU</b>
A course that covers all aspects of the theory of women's basketball, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies.		
<b>HES 166</b> <b>HOURS: 3 LAB</b>	<b>THEORY OF INTERCOLLEGIATE MEN'S BASKETBALL</b>	<b>1 UNIT</b> <b>CSU, UC</b>
A course that covers all aspects of the theory of basketball, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies, and opponent scouting and evaluation.		

<b>HES 167</b> <b>HOURS: 3 LAB</b>	<b>THEORY OF INTERCOLLEGIATE WOMEN'S VOLLEYBALL</b>	<b>1 UNIT</b> <b>CSU, UC</b>
A course that covers all aspects of the theory of women's volleyball, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies, and opponent scouting and evaluation.		
<b>HES 168</b> <b>HOURS: 3 LAB</b>	<b>THEORY OF INTERCOLLEGIATE SOFTBALL</b>	<b>1 UNIT</b> <b>CSU</b>
A course that covers all aspects of the theory of softball, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies, and opponent scouting and evaluation.		
<b>HES 169</b> <b>HOURS: 3 LAB</b>	<b>THEORY OF INTERCOLLEGIATE BASEBALL</b>	<b>1 UNIT</b> <b>CSU</b>
A course that covers all aspects of the theory of baseball, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies, and opponent scouting and evaluation.		
<b>HES 170</b> <b>HOURS: 3 LEC</b>	<b>INTRODUCTION TO NUTRITION</b>	<b>3 UNITS</b> <b>CSU, UC</b>
Physiological, social and psychological factors affecting food intake are examined. The relationship of nutrients to health throughout the life cycle is explored. Cross-listed with NCA 170.		
<b>HES 171</b> <b>HOURS: 9 LEC; 27 LAB</b>	<b>BEGINNING GOLF</b>	<b>1 UNIT</b> <b>CSU, UC</b>
This short term course will offer the individual student the opportunity to learn the basic fundamental skills necessary to play the game of golf.		
<b>HES 172</b> <b>HOURS: 1.5-18 LAB</b>	<b>BEGINNING LIFE LONG FITNESS</b>	<b>.5-6 UNITS</b> <b>CSU, UC</b>
In keeping with the primary purpose of wellness, this course is designed to provide insight relative to the values derived by enriching the quality of our lives. Further, it includes the mechanisms for identifying individual needs and providing the means for measurement and improvement of lifestyles to reach a higher level of wellbeing. This course provides a personalized approach to assess and prescribe the necessary programs to improve the components of physical fitness and wellness. These skills will be taught through sport, such as volleyball, swimming, aerobic dancing, water aerobics, tae bo, weight training, yoga, sports massage, racquetball, kickboxing, etc. The use of the school and community facilities and equipment will enhance the students' awareness of options for different activities.		
<b>HES 174</b> <b>HOURS: 1.5-18 LAB</b>	<b>INTERMEDIATE LIFE LONG FITNESS</b>	<b>.5-6 UNITS</b> <b>CSU, UC</b>
In keeping with the primary purpose of wellness, this course is designed to provide insight relative to the values derived by enriching the quality of our lives. Further, it includes the mechanisms for identifying individual needs and providing the means for measurement and improvement of lifestyles to reach a higher level of wellbeing. This course provides a personalized approach to assess and prescribe the necessary programs to improve the components of physical fitness and wellness. These skills will be taught through sport, such as volleyball, swimming, aerobic dancing, water aerobics, tae bo, weight training, yoga, sports massage, racquetball, kickboxing, etc. The use of the school and community facilities and equipment will enhance the students' awareness of options for different activities.		
<b>HES 175</b> <b>HOURS: 9 LEC; 27 LAB</b>	<b>BEGINNING GOLF ACADEMY</b>	<b>1 UNIT</b> <b>CSU, UC</b>
This short term course will offer the individual student the opportunity to learn the basic fundamental skills necessary to play the game of golf.		

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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<b>HES 176</b> <b>HOURS: 1.5-18 LAB</b>	<b>ADVANCED LIFE LONG FITNESS</b>	<b>.5-6 UNITS</b> <b>CSU, UC</b>
In keeping with the primary purpose of wellness, this course is designed to provide insight relative to the values derived by enriching the quality of our lives. Further, it includes the mechanisms for identifying individual needs and providing the means for measurement and improvement of lifestyles to reach a higher level of wellbeing. This course provides a personalized approach to assess and prescribe the necessary programs to improve the components of physical fitness and wellness. These skills will be taught through sport, such as volleyball, swimming, aerobic dancing, water aerobics, tae bo, weight training, yoga, sports massage, racquetball, kickboxing, etc. The use of the school and community facilities and equipment will enhance the students' awareness of options for different activities.		
<b>HES 178</b> <b>HOURS: 3 LAB</b>	<b>THEORY OF INTERCOLLEGIATE MEN'S FOOTBALL</b>	<b>1 UNIT</b> <b>CSU</b>
A course that covers all aspects of the theory of men's football, emphasizing the philosophical foundations and history of the game, sports nutrition, healthy living, perfecting form and technique, and offensive and defensive strategies, and opponent scouting and evaluation.		
<b>HES 180</b> <b>HOURS: 3 LAB</b>	<b>THEORY OF SPORT: APPLIED BIOMECHANICS</b>	<b>1 UNIT</b>
Concepts behind how human movement is created (force) and how it can be improved (technique). Optimal performance can be attained by teaching/coaching knowledge of the appropriate muscular applications that they body must endure while in motion. On the opposite end of the spectrum, what negative positions the body is placed in which leads to injury and decreased performance is crucial. The course will also cover avoidance of injury and decreased performance. Video and whiteboard analysis of biomechanical movements will be applied to sport. Case studies will be used to reinforce biomechanical concepts.		
<b>HES 181</b> <b>HOURS: 3 LAB</b>	<b>THEORY OF SPORT: COACHING METHODS AND ISSUES</b>	<b>1 UNIT</b>
Focus on major coaching theories, methods, practices, and outcomes. Topics include study of first principles on coaching, coaching cases and analyses utilizing film and film breakdown to identify great coaches, coaching decision making, and other contemporary issues.		
<b>HES 182</b> <b>HOURS: 5 LEC; 1.5 LAB</b>	<b>BALLROOM DANCE: SWING</b>	<b>.5-1 UNIT</b> <b>CSU, UC</b>
Designed to introduce students to various styles of swing as a ballroom dance through developing an understanding of its history, music, rhythms, techniques and fundamental social aspects. Basic dance floor etiquette and partner dancing "do's and don'ts" will be covered. Students may participate in field trips.		
<b>HES 183</b> <b>HOURS: .5 LEC; 1.5 LAB</b>	<b>INTERMEDIATE BALLROOM DANCE: SWING</b>	<b>.5-1 UNIT</b> <b>CSU, UC</b>
Complementary course to HES 182—Ballroom Dance: Swing. This course expands on swing dance with more advanced moves and sequencing. Emphasis is on styling, rhythm and technique. Some dance experience is required. Partners are not required. Students may participate in field trips. Advisory: HES 182 or instructor's permission.		
<b>HES 184</b> <b>HOURS: .5 LEC; 1.5 LAB</b>	<b>BASIC BALLROOM DANCE</b>	<b>.5-1 UNIT</b> <b>CSU, UC</b>
Designed to introduce students to a selection of various ballroom dances through developing an understanding of their history, music, rhythms, techniques and fundamental social aspects. Basic to advanced steps in: fox trot, waltz, tango, rumba, cha-cha, samba, mambo, salsa, country western, and selected novelty dances may be covered as well as dance floor etiquette. Students may participate in field trips.		
<b>HES 192</b> <b>HOURS: 1.5-3 LAB</b>	<b>BEGINNING YOGA</b>	<b>.5-1 UNIT</b> <b>CSU</b>
Introduction to basic Hatha yoga postures. Study and practice of exercises for self-awareness, breathing, relaxation, visualization, and meditation.		
<b>HES 194</b> <b>HOURS: 3 LEC</b>	<b>PRINCIPLES OF PHYSICAL EDUCATION</b>	<b>3 UNITS</b> <b>CSU</b>
Foundations and philosophies of physical education including professional requirements, fields of study for majors, legal liabilities, public relations, and teaching principles.		
<b>HES 200</b> <b>HOURS: 10 FIELD</b>	<b>INTERCOLLEGIATE MEN'S FOOTBALL</b>	<b>2 UNITS</b> <b>CSU, UC</b>
An advanced class for Football competition designed to train students for participating at the intercollegiate level. Methods of competitive team play and strategy will be emphasized. Instruction will include knowledge of and adherence to the Commission on Athletics and conference rules and regulations.		

<b>HES 201</b> HOURS: 10 FIELD	<b>INTERCOLLEGIATE MEN'S BASKETBALL</b>	<b>2 UNITS</b> CSU, UC
An advanced level class for intercollegiate basketball competition designed to train student athletes participating in intercollegiate basketball. Methods of competitive team play and strategy will be addressed along with knowledge and adherence of league rules and regulations.		
<b>HES 202</b> HOURS: 10 FIELD	<b>INTERCOLLEGIATE WOMEN'S BASKETBALL</b>	<b>1.5 UNITS</b> CSU, UC
An advanced level class for intercollegiate women's basketball competition designed to train student athletes participating in intercollegiate basketball. Methods of competitive team play and strategy will be addressed along with knowledge and adherence of league rules and regulations.		
<b>HES 203</b> HOURS: 10 FIELD	<b>INTERCOLLEGIATE MEN'S SOCCER</b>	<b>1.5 UNITS</b> CSU
An advanced level class for intercollegiate men's soccer competition designed to train student athletes participating in intercollegiate soccer. Methods of competitive team play and strategy will be addressed along with knowledge and adherence of league rules and regulations.		
<b>HES 204</b> HOURS: 10 FIELD	<b>INTERCOLLEGIATE WOMEN'S SOCCER</b>	<b>1.5 UNITS</b> CSU
An advanced level class for intercollegiate women's soccer competition designed to train student athletes participating in intercollegiate soccer. Methods of competitive team play and strategy will be addressed along with knowledge and adherence of league rules and regulations.		
<b>HES 208</b> HOURS: 10 FIELD	<b>INTERCOLLEGIATE WOMEN'S CROSS COUNTRY</b>	<b>2 UNITS</b>
An advanced level course for intercollegiate Cross Country runners with specific attention to individual development. Competitive team play and strategy will also be covered. Knowledge and adherence to the California Community College Athletic Association and conference guidelines will be strictly enforced.		
<b>HES 212</b> HOURS: 10 FIELD	<b>INTERCOLLEGIATE WOMEN'S TRACK AND FIELD</b>	<b>2 UNITS</b>
An advanced level course for intercollegiate Track and Field participants with specific attention to individual development. Competitive team play and strategy will also be covered. Knowledge and adherence to the California Community College Athletic Association and conference guidelines will be strictly enforced.		
<b>HES 214</b> HOURS: 10 FIELD	<b>INTERCOLLEGIATE VOLLEYBALL</b>	<b>2 UNITS</b> CSU, UC
An advanced class for Volleyball competition designed to train students for participating at the intercollegiate level. Methods of competitive team play and strategy will be emphasized. Instruction will include knowledge of and adherence to the Commission On Athletics and conference rules and regulations.		
<b>HES 216</b> HOURS: 10 FIELD	<b>INTERCOLLEGIATE BASEBALL</b>	<b>2 UNITS</b> CSU, UC
An advanced class for Baseball competition designed to train students for participating at the intercollegiate level. Methods of competitive team play and strategy will be emphasized. Instruction will include knowledge of and adherence to the Commission On Athletics and conference rules and regulations.		
<b>HES 218</b> HOURS: 10 FIELD	<b>INTERCOLLEGIATE SOFTBALL</b>	<b>2 UNITS</b> CSU, UC
An advanced class for Softball competition designed to train students for participating at the intercollegiate level. Methods of competitive team play and strategy will be emphasized. Instruction will include knowledge of and adherence to the Commission On Athletics and conference rules and regulations.		

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<b>HES 220</b> HOURS: 3 LEC	<b>MANAGEMENT AND CARE OF ATHLETIC INJURY I</b>	<b>3 UNITS</b> CSU
Introduction to the basic management and care of athletic related injuries. Topics will include basic anatomy, injury assessment and basic rehabilitation and prevention of injuries, with emphasis on practical applications.		
<b>HES 222</b> HOURS: 3 LEC	<b>MANAGEMENT AND CARE OF ATHLETIC INJURY II</b>	<b>3 UNITS</b> CSU
This course provides students with basic medical foundation in the prevention, recognition, assessment, management, and disposition of athletic related injuries. Topics include: Mechanism of tissue injury and healing, emergency procedures, protective equipment, acute care of injuries and other health conditions related to sports. Advisory: HES 220; BIOL 110.		
<b>HES 223</b> HOURS: 3 LAB	<b>OBSERVATION AND PRACTICUM OF ATHLETIC TRAINING</b>	<b>1 UNIT</b> CSU
Applying advanced athletic training principles in rendering care to the athletic teams and/or individual student athletes. Taping techniques, wound care, therapeutic modalities, policies, and procedures of the athletic training profession. Advisory: HES 220; HES 222.		
<b>HES 230</b> HOURS: 10 FIELD	<b>ADVANCED MEN'S BASKETBALL</b>	<b>1 UNIT</b> CSU, UC
A proactive approach in playing the game of basketball, focusing on the fundamentals and innovative concepts which will enhance the student's knowledge of basketball. The class will be devoted to hands on/minds on activities in an interdisciplinary approach using comprehensive methodology to develop a strong sense of respect and understanding for the game of basketball.		
<b>HES 232</b> HOURS: 10 FIELD	<b>ADVANCED WOMEN'S BASKETBALL</b>	<b>1 UNIT</b> CSU, UC
An advanced level course designed to train student in the off season with specific attention to individual development. Competitive team play and strategy will also be covered. Knowledge an adherence to the COA and conference guidelines will be strictly enforced.		
<b>HES 234</b> HOURS: 10 FIELD	<b>ADVANCED WOMEN'S VOLLEYBALL</b>	<b>2 UNITS</b> CSU, UC
An advanced level course for intercollegiate Women's Volleyball designed to train students in the off-season with additional attention to individual development. Competitive team play and strategy will be covered as well. Knowledge and adherence to the Commission on Athletics and Golden Valley Conference rules and regulations will be strictly enforced.		
<b>HES 236</b> HOURS: 10 FIELD	<b>ADVANCED MEN'S BASEBALL</b>	<b>2 UNITS</b> CSU, UC
An advanced level course for intercollegiate Men's Baseball designed to train students in the off-season with additional attention to individual development. Competitive team play and strategy will be covered as well. Knowledge and adherence to the Commission on Athletics and Golden Valley Conference rules and regulations will be strictly enforced.		
<b>HES 238</b> HOURS: 10 FIELD	<b>ADVANCED WOMEN'S SOFTBALL</b>	<b>2 UNITS</b> CSU, UC
An advanced level course for intercollegiate Women's Softball designed to train students in the off-season with additional attention to individual development. Competitive team play and strategy will be covered as well. Knowledge and adherence to the Commission on Athletics and Golden Valley Conference rules and regulations will be strictly enforced.		
<b>HES 240</b> HOURS: 10 FIELD	<b>ADVANCED MEN'S FOOTBALL</b>	<b>2 UNITS</b> CSU
An advanced level course for intercollegiate Men's football designed to train students in the off-season with additional attention to individual development. Competitive team play and strategy will be covered as well. Knowledge and adherence to the Commission on Athletics and Mid-Empire Conference rules and regulations will be strictly enforced.		
<b>HES 242</b> HOURS: 10 FIELD	<b>ADVANCED MEN'S SOCCER</b>	<b>2 UNITS</b> CSU
An advanced level course for intercollegiate Men's Soccer designed to train students in the off-season with additional attention to individual development. Competitive team play and strategy will be covered as well. Knowledge and adherence to the Commission on Athletics and Golden Valley Conference rules and regulations will be strictly enforced.		

**HES 244** ADVANCED WOMEN'S SOCCER 2 UNITS  
**HOURS: 10 FIELD** CSU  
 An advanced level course for intercollegiate Women's Soccer designed to train students in the off-season with additional attention to individual development. Competitive team play and strategy will be covered as well. Knowledge and adherence to the Commission on Athletics and Golden Valley Conference rules and regulations will be strictly enforced.

**HES 248** ADVANCED WOMEN'S CROSS COUNTRY 2 UNITS  
**HOURS: 10 FIELD**  
 An advanced level course for intercollegiate women's cross country designed to train student in the off season with specific attention to individual development. Competitive team play and strategy will also be covered. Knowledge and adherence to the California Community College Athletic Association and conference guidelines will be strictly enforced.

**HES 252** ADVANCED WOMEN'S TRACK AND FIELD 2 UNITS  
**HOURS: 10 FIELD** CSU  
 An advanced level course for intercollegiate women's track and field designed to train student in the off season with specific attention to individual development. Competitive team play and strategy will also be covered. Knowledge and adherence to the California Community College Athletic Association and conference guidelines will be strictly enforced.

**HES 291** DIRECTED STUDY 1-5 UNITS  
**HOURS: 18-270** CSU  
 A student may take advanced course work or complete a student designed project in Health and Exercise Studies after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor and Chief Instructional Officer, and placed on file with the Office of Instruction.

## HISTORY

**HIST 102** EARLY WESTERN CIVILIZATION 3 UNITS  
**HOURS: 3 LEC** CSU (D6)  
 A survey of ancient Near Eastern and European civilizations including Mesopotamia, Egypt, Greece, Rome, Byzantium, Christianity, Islam, the Early Middle Ages, and the Renaissance and Reformation.

**HIST 104** WESTERN CIVILIZATION - MODERN 3 UNITS  
**HOURS: 3 LEC** CSU (D6)  
 A survey of the history of modern Western Civilizations from the 17th century through to the present including the age of Revolution, Industrialism, Imperialism, and the developments of the 20th century.

**HIST 108** THE UNITED STATES TO 1877 3 UNITS  
**HOURS: 3 LEC** CSU (C2, D6), UC, IGETC (3B, 4F)  
 A survey of the history of the U.S. from pre-Columbian societies and European colonization through the Revolution, Westward Expansion, the Civil War and Reconstruction. Emphasis is placed on the evolution of the nation's political and economic institutions, as well as social, cultural, and foreign policy history. Advisory: Successful completion of ENGL010 or equivalent.

**HIST 109** ANCIENT WORLD CIVILIZATIONS 3 UNITS  
**HOURS: 3 LEC** CSU (D6), UC, IGETC (3B, 4F)  
 This course is a survey of world history from the Neolithic period to the 7th century. The course will examine the political, economic, religious and social structures that shaped civilizations in Mesopotamia, Europe, East and South Asia, Africa, and the Americas. The course will also cover the sixth-grade history/social science curriculum in California public schools for students pursuing a teaching credential. Advisory: ENGL 010.

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**HIST 110** THE UNITED STATES SINCE 1877 3 UNITS  
**HOURS: 3 LEC** CSU (C2, D6), UC, IGETC (3B, 4F)  
 A survey of the U.S. from the end of Reconstruction through industrialization, overseas expansion, the Progressive Era, the Great Depression, the World Wars, the Cold War, and America's role in the contemporary world. Emphasis is placed on the evolution of the nation's political and economic institutions, as well as social, cultural, and foreign policy history.

**HIST 111** MEDIEVAL & EARLY MODERN CIVILIZATIONS 3 UNITS  
**HOURS: 3 LEC** CSU (C2, D6), UC, IGETC (3B, 4F)  
 This course is a survey of world history from the early medieval period to the late 18th century. The course will examine the political, economic, religious and social structures that shaped civilizations in the Islamic world, Europe, Asia, Africa, and the Americas. The course will also cover the seventh-grade history/social science curriculum in California public schools for students pursuing a teaching credential.

**HIST 112** MODERN WORLD HISTORY 3 UNITS  
**HOURS: 3 LEC** CSU (C2, D6), UC, IGETC (3B, 4F)  
 A survey of world history from the French Revolution to the present examining the central issues that have shaped the world for the past two centuries. Topics will include industrialization and globalization, revolution and war, imperialism and post-colonialism, nationalism and the clash of ideologies, and the individual and the state.

**HIST 120** WOMEN IN AMERICAN HISTORY 3 UNITS  
**HOURS: 3 LEC** CSU (D4, D6), UC, IGETC (4D, 4F)  
 A multicultural review of the role, status and contributions of women in American history from colonial times to present. Emphasis is on the political, social, cultural, and economic conditions that produced the attitudes and actions by and about women.

**HIST 130** NATIVE AMERICAN HISTORY 3 UNITS  
**HOURS: 3 LEC** CSU (D6), UC, IGETC (4F)  
 Survey of history of Native Americans from Columbus to present. Deals with Indian environment, culture, economy and way of life. Covers Spanish, French and British periods of contact with a greater emphasis on Indian-American period. Native American leaders, tribes, and nations and their relationship to the Federal Government from 1790 to the present are emphasized.

**HIST 140** CALIFORNIA HISTORY 3 UNITS  
**HOURS: 3 LEC** CSU (D6), UC, IGETC (4F)  
 The history and development of California from the pre-contact era to the present. Includes pre-Columbian, Spanish, Mexican and American periods. Course will survey the changes as they occurred from simple agrarian economy to the agricultural-industrial political economy of today. Course will also examine California institutions, the environmental issues of the state's development, and the historical and present multicultural environment of California.

**HIST 160** HISTORY OF THE AMERICAN WEST 3 UNITS  
**HOURS: 3 LEC** CSU (D6), UC  
 Survey of the history of the American West from Pre-Columbian cultures to the present. Examines the evolution of the western frontier, patterns of European-Indian interaction, the role of the federal government in the West, as well as the importance of the railroads, mining, ranching, and farming. Also explores the impact of the West and its myths on modern America.

**HIST 170** WASHINGTON D.C. WEEK: "DEMOCRACY IN PRACTICE" 3 UNITS  
**HOURS: 27 LEC; 54 LAB; 45 FIELD** CSU  
 This course will explore "democracy in practice" through lecture and study, attendance and participation in a local government or community political event, and a fully supervised and coordinated week in Washington, D.C. It will explore the behavior of key actors in national government institutions. It also will examine how individuals and groups can affect and are affected by the institutions and people of national and local government. The course would be especially helpful to any who aspire to a career in education. Each student shall be required to pay for the cost of airfare, hotel, meals and incidentals for the trip to Washington, in addition to regular college fees. Cross-listed with POL 170.

**HIST 172** DEMOCRACY IN PRACTICE: LANDMARKS OF CIVIL RIGHTS 3 UNITS  
**HOURS: 27 LEC; 54 LAB; 45 FIELD** CSU  
 This course will explore "democracy in practice" through lecture and discussion, attendance and participation in a community political event, and a fully supervised week visiting prominent places in the history of the Civil Rights Movement in the southern states of the U.S. It will examine how individuals and groups influence major institutional political changes in local, state and national policy. Each student will be required to pay the cost of airfare, hotels, meals, and incidental costs of a seven- to ten-day excursion that includes Virginia, Alabama, and Tennessee. Cross-listed as POL 172 and HUMN 172.

**HIST 291** DIRECTED STUDY 1-5 UNITS  
**HOURS: 18-270** CSU

Survey of the history of the American West from Pre-Columbian cultures to the present. Examines the evolution of the western frontier, patterns of European-Indian interaction, the role of the federal government in the West, as well as the importance of the railroads, mining, ranching, and farming. Also explores the impact of the West and its myths on modern America.

**HIST 299** SPECIAL TOPICS IN HISTORY 1-3 UNITS  
**HOURS: 1-3 LEC**

Course covers selected topics in regional, national, or world history as the opportunity arises.

## HUMANITIES

**HUMN 100** ART APPRECIATION 3 UNITS  
**HOURS: 3 LEC** CSU (C1), UC, IGETC (3A)

An introductory course for both the general interest and art major student. A survey of the nature and role of the visual arts in society. An overview of art history, theory, and practices will be covered. The medias of art will also be explored. Cross-listed with ART100.

**HUMN 101** MUSIC APPRECIATION 3 UNITS  
**HOURS: 3 LEC** CSU (C1), UC, IGETC (3A)

A survey of art music in western civilization designed to increase the student's understanding and enjoyment of music. Topics studied include musical form, elements, genres, and styles as well as the science of sound and music in society. Designed for students with little or no musical background. Cross-listed with MUS 101.

**HUMN 110** INTRODUCTION TO HUMANITIES I 3 UNITS  
**HOURS: 3 LEC** CSU (C2), UC, IGETC (3B)

An introduction to Western Culture from 3000 BCE to 1500 CE through the lenses of literature, religion, philosophy, politics, architecture, music, and art. Students will gain a deeper understanding of present-day culture through lectures, readings, research and analysis of the arts and literature of the times from the Bronze Age through the Classical Period and the Middle Ages to the Renaissance.

**HUMN 112** INTRODUCTION TO HUMANITIES II CSU 3 UNITS  
**HOURS: 3 LEC** CSU (C2), UC, IGETC (3B)

An introduction to Western civilization from 1400 CE to the present. Through lecture, research and examples of the fine arts of the times, students will learn of Western civilization's changing culture from the Renaissance to the present, thus enabling the student to better understand his/her own present-day culture. Advisory: ENGL 010 or equivalent.

**HUMN 128** FILM APPRECIATION 3 UNITS  
**HOURS: 3 LEC** CSU (C1), UC, IGETC (3A)

Analytical and critical survey of a genre of films, including fields of production, direction and acting. Cross-listed as ENGL128.

**HUMN 172** DEMOCRACY IN PRACTICE: LANDMARKS OF CIVIL RIGHTS 3 UNITS  
**HOURS: 27 LEC; 54 LAB; 45 FIELD** CSU

This course will explore "democracy in practice" through lecture and discussion, attendance and participation in a community political event, and a fully supervised week visiting prominent places in the history of the Civil Rights Movement in the southern states of the U.S. It will examine how individuals and groups influence major institutional political changes in local, state and national policy. Each student will be required to pay the cost of airfare, hotels, meals, and incidental costs of a seven- to ten-day excursion that includes Virginia, Alabama, and Tennessee. Cross-listed as POL 172 and HIST 172.

**HUMN 228** NOVEL AND FILM 3 UNITS  
**HOURS: 3 LEC** CSU (C2), UC

A study in literary and cinematic technique focusing on narrative genres and theme. Selected novels compared to transposed versions on film. Novel types covered: Bildungsroman, Gothic, Detective, Post-modern, Contemporary. Examples of theme: love and revolution, coming of age, ethnic assimilation, colonialism and consciousness. Lecture, discussion, film viewing. Cross-listed with ENGL 228.

### GENERAL EDUCATION/CORE CLASS IDENTIFICATION

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**HUMN 291** DIRECTED STUDY 1-5 UNITS  
**HOURS: 18-270** CSU

A student may take advanced course work or complete a student designed project in Humanities after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## INFORMATION AND COMMUNICATION TECHNOLOGIES

**ICT 091** KEYBOARDING I 1.5 UNITS  
**HOURS: 1.5 LEC**

Introduction to keyboarding skills and techniques. Student will learn to key at 35 words per minute for three minutes. For students with little or no keyboarding experience. Working knowledge of computers, applications, and the Internet strongly recommended.

**ICT 092** KEYBOARDING II 1.5 UNITS  
**HOURS: 1.5 LEC**

Intermediate level keyboarding building on the skills and techniques developed in Keyboarding I. Students will learn to key at 50 words per minute for five minutes. For students with existing keyboarding skills. Working knowledge of computers, applications, and the Internet strongly recommended.

**ICT 101** COMPUTER LITERACY 3 UNITS  
**HOURS: 3 LEC** CSU

Introduction to computers, the Internet, and common software applications. Topics include computing basics, hardware, peripherals, operating systems, software, and the Internet. Industry standard and alternative word processing, presentation, spreadsheet, and communication applications are covered- including Microsoft Office. For students interested in learning basic applications and who may or may not have an understanding of computer software and hardware. Cross-listed with BUS 101.

**ICT 111** INTRODUCTION TO INFORMATION TECHNOLOGY 3 UNITS  
**HOURS: 3 LEC** CSU, UC

Introduction to information technology and computer science. Topics include technology concepts, history of technology, the application and impact of technology, software, hardware, networks, computers, and the Internet. For students who possess basic technology skills but want to learn more about how computers, applications, and the Internet work. Previous enrollment in ICT 101 or working knowledge of computers, applications, and the Internet strongly recommended. Cross-listed with BUS 111.

**ICT 115** INTRODUCTION TO MASS COMMUNICATION 3 UNITS  
**HOURS: 3 LEC** CSU

Survey of mass communication and the interrelationships of media with society including history, structure and trends in a digital age. Discussion of theories and effects, economics, technology, law and ethics, global media, media literacy, and social issues, including gender and cultural diversity.

**ICT 121** INTRODUCTION TO ELECTRONIC MEDIA 3 UNITS  
**HOURS: 3 LEC** CSU

Introduction to the history, structure, function, economics, content and evolution of radio, television, film, the Internet, and new media, including traditional and mature formats. The social, political, regulatory, ethical and occupational impact of electronic media is also studied. For all students. Working knowledge of computers, applications, and the Internet strongly recommended.

**ICT 131** COMPUTER INFORMATION SYSTEMS 3 UNITS  
**HOURS: 3 LEC** CSU

Examination of information systems and their role in business and organizations. Topics include information systems, database management systems, networking, e-commerce, ethics and security, and computer systems. These topics will be learned and applied through the hands-on development of computer-based solutions to business problems. For all students. Working knowledge of computers, applications, and the Internet strongly recommended. Cross-listed with BUS 131.

**ICT 141** DIGITAL IMAGERY 3 UNITS  
**HOURS: 3 LEC** CSU

Introduction to the production of digital imagery and graphics for print, web, and multimedia. Topics include image editing, vector images, basic photography, and applications in web, print, and multimedia settings. For students with or without digital imagery experience. Working knowledge of computers, applications, and the Internet strongly recommended.

**ICT 151** VIDEO PRODUCTION 3 UNITS  
HOURS: 3 LEC CSU

Introduction to visual media production, including composition and editing techniques, camera operation, lighting, audio, and basic editing. This course focuses on the aesthetics and fundamentals of scripting, producing, directing on location, postproduction, and exhibition/distribution. For students with or without media production experience. Working knowledge of computers, applications, and the Internet strongly recommended.

**ICT 152** AUDIO PRODUCTION 3 UNITS  
HOURS: 3 LEC CSU

Introduction to the theory and practice of audio production for radio, television, film, and digital recording applications. Topics include sound design and aesthetics, microphone use, recording, editing, mixing and mastering. For students with or without audio production experience. Working knowledge of computers, applications, and the Internet strongly recommended.

**ICT 161** WEB DESIGN 3 UNITS  
HOURS: 3 LEC CSU

Introduction to the web, web design, and associated standards and processes. Topics include HTML, CSS, introductory scripting, and content management applications. For students with or without web design experience. Working knowledge of computers, applications, and the Internet strongly recommended.

**ICT 171** MOBILE APPLICATION DESIGN 3 UNITS  
HOURS: 3 LEC CSU

Introduction to the design and implementation of applications for smart phones and mobile devices. Topics include mobility concepts, software development, hardware and software considerations on mobile devices, and an introduction to applicable programming languages. For students with or without programming backgrounds. Working knowledge of computers, applications, and the Internet strongly recommended.

**ICT 181** GAME DESIGN 3 UNITS  
HOURS: 3 LEC CSU

Introduction to the design and development of video games. Topics include the business and history of gaming, game concepts and theory, design processes, the development cycle, and game analysis. For students with or without programming backgrounds. Working knowledge of computers, applications, and the Internet strongly recommended.

**ICT 201** PROGRAMMING CONCEPTS AND METHODOLOGY I 3 UNITS  
HOURS: 3 LEC CSU

Introduction to the discipline of computer programming. Topics include programming fundamentals, constructs, algorithms and programming languages, declarations, and types. For students with strong mathematical or logic skills and an interest in exploring computer programming. Working knowledge of computers, applications, and the Internet and developed math skills strongly recommended. Prerequisite: MATH 018 or equivalent.

**ICT 202** PROGRAMMING CONCEPTS AND METHODOLOGY II 3 UNITS  
HOURS: 3 LEC CSU

Application of software engineering techniques to the design and development of programs using data abstraction, structures, and algorithms. Topics include data structures, recursion, declarations and types, abstraction mechanisms, object oriented programming, and software design. For students pursuing careers in computer science. Prerequisite: ICT 201.

**ICT 231** DATABASE PROGRAMMING 3 UNITS  
HOURS: 3 LEC CSU

Introduction to databases and their role in business, organizations, and information systems. Topics include database architecture and design, relational databases, web integration, and applications in business and organizations. These topics will be learned and applied through the hands-on development of database solutions to business problems. For students with information systems, programming, or web development backgrounds. Prerequisite: ICT 131, ICT 201, ICT 261.

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**ICT 241** ANIMATION 3 UNITS  
HOURS: 3 LEC CSU

Introduction to 3-D modeling and animation emphasizing the creative and technical aspects of animation. Topics include modeling and animation concepts, storyboarding, development tools, techniques, and analysis. For students with significant skills in multimedia or programming. Prerequisite: ICT 151.

**ICT 251** RICH MEDIA WEBSITES 3 UNITS  
HOURS: 3 LEC CSU

Study of the development of rich media websites for online delivery including video, audio, graphics, and/or interactive content. Topics include content preparation, media types, file types, communication protocols, web distribution, and applications in a variety of contexts. For students with both web design and multimedia experience. Prerequisite: ICT 161.

**ICT 261** WEB PROGRAMMING 3 UNITS  
HOURS: 3 LEC CSU

Examination of the primary technologies used in the construction of dynamic and interactive web sites. Topics include industry standard development tools for client side scripting, server programming, database development, client-server interaction, and data management. For students with web design experience and some understanding of programming concepts. Prerequisite: ICT 161.

**ICT 271** MOBILE APPLICATION PROGRAMMING 3 UNITS  
HOURS: 3 LEC CSU

Application of software programming techniques to the design and implementation of applications for smart phones and mobile devices. Topics include developer tools, software programming languages, software development processes, and hardware and software integration. For students with previous programming experience. Prerequisite: ICT 201.

## INDUSTRIAL TECHNOLOGY

**IT 021** INTERMEDIATE WELDING 2.5 UNITS  
HOURS: 1.5 LEC; 3 LAB

An intermediate-level welding course designed to develop skills in Shielded Metal Arc Welding, Gaseous Metal Arc Welding, Gaseous Tungsten Arc Welding and Plasma Arc Cutting. Emphasis on safety regulations as established by the National and State Occupational Health and Safety Act. Advisory: It is highly recommended that IT050 is completed prior to enrollment in IT 021 or student receive prior approval by instructor.

**IT 050** GENERAL WELDING 2.5 UNITS  
HOURS: 1.5 LEC; 3 LAB

Entry-level welding skill development in modern welding and cutting processes, theory and practice. Emphasis on safety regulations as established by the National and State Occupational Health and Safety Act guidelines.

## MATHEMATICS

**MATH 016** ELEMENTARY ALGEBRA 4 UNITS  
HOURS: 4 LEC

This course is designed to provide students with an introduction to algebra, algebraic expressions, linear equations, inequalities, word problem solving techniques and an introduction to graphing. This course also covers operations with polynomials, factoring, Solving polynomial equations, applications modeled by polynomial equations, operations with radical expressions, solving rational equations and applications modeled by rational equations.

**MATH 018** INTERMEDIATE ALGEBRA 4 UNITS  
HOURS: 4 LEC

This course is designed to provide students with an introduction to functions, methods of solving systems of equations and inequalities, radicals and rational exponents, complex numbers, quadratic equations and functions, exponential and logarithmic functions, and word problem solving techniques. Prerequisite: MATH 016.

**MATH 108** INTRODUCTION TO TRIGONOMETRY 1 UNIT  
HOURS: 1 LEC CSU

This course is designed to provide students with the fundamentals of introductory trigonometry, angular measurements, right triangle trigonometry, trigonometric functions and their identities. Topics in analytic trigonometry will be presented, including inverse trigonometry functions and double angle formulas. Applications of trigonometry will be introduced. MATH110 will not transfer to UNR without the addition of this course, because of their requirement for a trigonometry component. Prerequisite: MATH 018.

**MATH 110** COLLEGE ALGEBRA 4 UNITS  
**HOURS: 4 LEC** CSU (B4), UC, IGETC (2A)

This is a college-level algebra course with a real-world, applications approach to algebra topics. This course meets the rigor necessary for students majoring in science or engineering fields. It is designed to provide students with knowledge about advanced topics in algebra, focusing on quadratic, rational, and radical equations, relations, various types of functions and their graphs, rational and quadratic inequalities, systems of linear equations and inequalities, and solving equations of higher degree, including rational, exponential, and logarithmic functions. In addition, review of the following topics is provided: sequences, series, and analytic geometry (properties of conic sections). Prerequisite: Completion of MATH 018 or equivalent.

**MATH 116** PRE CALCULUS 4 UNITS  
**HOURS: 4 LEC** CSU (B4), UC, IGETC (2A)

An in-depth study of Trigonometry. The trigonometric functions, unit-circle trigonometry, right triangle trigonometry, graphs of transformed sine and cosine functions; amplitude, period and phase shift. Trigonometric equations. The laws of sines and cosines. Complex numbers, DeMoivre's Theorem. Vectors, vector operations and applications. Analytic geometry topics, conic sections, polar coordinates, parametric equations. Prerequisite: MATH 110 College Algebra with a grade of "C" or better.

**MATH 150** CONCEPTS AND STRUCTURES OF MATHEMATICS FOR EDUCATORS 3 UNITS  
**HOURS: 3 LEC** CSU

This is a college-level algebra course with a real-world, applications approach to algebra topics. This course meets the rigor necessary for students majoring in science or engineering fields. It is designed to provide students with knowledge about advanced topics in algebra, focusing on quadratic, rational, and radical equations, relations, various types of functions and their graphs, rational and quadratic inequalities, systems of linear equations and inequalities, and solving equations of higher degree, including rational, exponential, and logarithmic functions. In addition, review of the following topics is provided: sequences, series, and analytic geometry (properties of conic sections). Prerequisite: Completion of MATH 018 or equivalent.

**MATH 152** CONCEPTS AND STRUCTURES OF MATHEMATICAL PROBLEM SOLVING AND GEOMETRY 3 UNITS  
**HOURS: 3 LEC** CSU

This is the second of two courses designed to develop a deep understanding of mathematics relevant to the teaching of K-8 mathematics. The focus of this course will be on problem-solving, probability and statistics, measurement and the metric system, and geometry. Similar to MATH 150, MATH 152 will be presented in a way that emphasizes the idea that the knowledge a teacher needs is different from the knowledge a student or practitioner of mathematics needs. This course articulates with CSU Chico for Liberal Studies majors in the blended, pre-credential program leading to a Multiple Subjects teaching credential.

**MATH 202** ELEMENTARY STATISTICS 4 UNITS  
**HOURS: 4 LEC** CSU (B4), UC, IGETC (2A)

The use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making processes. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications using data from disciplines including business, social sciences, psychology, life science, health science, and education. Prerequisite: MATH 018 with a grade of "C" or better.

**MATH 218** SINGLE VARIABLE CALCULUS I LATE TRANSCENDENTALS 4 UNITS  
**HOURS: 4 LEC** CSU (B4), UC, IGETC (2A)

This is a first course in differential and integral calculus of a single variable. Topics include functions, limits and continuity, techniques and applications of differentiation and integration, and the Fundamental Theorem of Calculus. This class will give students a thorough understanding of the mathematical basis for advanced studies in the fields of mathematics, the sciences, technology, engineering, business, and other related fields. Prerequisite: Completion of MATH 116 MATH 110, MATH 108, or equivalent.

**MATH 220** CALCULUS II 4 UNITS  
**HOURS: 4 LEC** CSU (B4), UC, IGETC (2A)

This is the second course in a sequence for differential and integral calculus of a single variable. Topics include techniques and application of differentiation of inverse and transcendental functions, techniques and applications of integration, infinite sequences and series, and polar and parametric equations. This class builds upon MATH 218 and further strengthens students understanding of the mathematical basis for advanced studies in the fields of mathematics, the sciences, technology, engineering, business, and other related fields. Prerequisite: Completion of MATH 218 or equivalent.

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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**MATH 291** DIRECTED STUDY 1-5 UNITS  
**HOURS: 18-270**

A student may take advanced course work or complete a student designed project in Mathematics after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

**MATH 303** PRE-ALGEBRA I 3 UNITS  
**HOURS: 3 LEC**

This course is designed to benefit the student who needs intensive basic math review or has very limited math background. This is the first level in the math progression leading to beginning Algebra (MATH 016).

**MATH 304** PRE-ALGEBRA II 3 UNITS  
**HOURS: 3 LEC**

This course is designed for students who have good basic math skills but with limited algebra background. This is the second level in the math progression leading to Beginning Algebra (MATH 016).

**MATH 305** SELECTED TOPICS IN PRE-ALGEBRA 3 UNITS  
**HOURS: 3 LEC**

Topics are strategically chosen to allow students to refresh their pre-algebra skills in order to successfully transfer into Elementary Algebra, MATH 016. This course will cover similar topics as MATH 303 and MATH 304, but offered at a quicker pace.

**MUSIC**

**MUS 101** MUSIC APPRECIATION 3 UNITS  
**HOURS: 3 LEC** CSU

A survey of art music in western civilization designed to increase the student's understanding and enjoyment of music. Topics studied include musical form, elements, genres, and styles as well as the science of sound and music in society. Designed for students with little or no musical background. Cross-listed with HUMN 101.

**MUS 291** DIRECTED STUDY 1-5 UNITS  
**HOURS: 18-270** CSU

A student may take advanced course work or complete a student designed project in Music after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

**NURSING**

**NURS 080** INTRAVENOUS THERAPY/BLOOD WITHDRAWAL 2 UNITS  
**HOURS: 36 LEC**

The purpose of this course is to instruct the participant in the principles and practice of intravenous therapy and blood withdrawal. Included in the course will be the following topics: 1) legal aspects, 2) rationale for treatment/procedure, 3) psychological preparation of the patient, 4) anatomy of the veins as it relates to choosing an appropriate site for IV therapy or blood withdrawal, 5) venipuncture equipment, 6) venipuncture and skin puncture techniques, 7) fluid and electrolyte balance, including acid/base balance, 8) parental fluids, 9) complications and safety factors, 10) transfusion therapy, and 11) total parental nutrition.

**NURS 100** NURSE AIDE 6 UNITS  
**HOURS: 72 LEC; 112 LAB** CSU

Course prepares students for the roles and responsibilities of the certified nurse assistant and covers the concepts, skills, and procedures for providing patient care in the health care field.



**NURS 102** HOME HEALTH AID 2 UNITS  
HOURS: 40 LEC CSU

This course is designed to provide knowledge and skills necessary for a home health aide to work as part of the home health care team. The focus is on basic human needs, communications, working with ill persons, eldercare, nutrition, special diets, and home management. In addition to classroom instruction, a supervised field practice in clients' homes or an adult care home for a total of 40 hours is required. This course meets the requirements of the Department of Health Services for a certification as a Home Health Aide. Advisory: NURS 100 Nurse Aid or current California Nursing Assistant Certificate.

**NURS 111** DRUG DOSAGE CALCULATIONS FOR HEALTH PROVIDERS 3 UNITS  
HOURS: 2 LEC

The course covers three major drug calculation methods 1) ratio & proportion, 2) formula, and 3) dimensional analysis). A solid knowledge base of general mathematics is necessary to be able to use these concepts in the more complicated calculations of drug dosages. This knowledge allows for the safe administration of medications to patients and prevents medication errors. These calculations will focus on application to adult and pediatric patients in health care facilities. The course addresses use of automated medication dispensing systems, medications for the elderly, and medications given in home care. Advisory: MATH 304 or equivalent is advised.

**NURS 112** NURSING FOUNDATIONS 2 UNITS  
HOURS: 6 LEC CSU

An introduction to the study of nursing, which includes understanding the role of the LVN, developing effective communication skills to better understand patient needs, and identifying medical terminology so as to understand treatments and carry out doctor's orders. Ethical and legal responsibilities of the LVN will also be discussed, as well as concepts of holistic health and transcultural nursing, to prepare students for encounters with people of different cultures. Prerequisites: NURS 100, BIOL110, BIOL112, HES170, NURS 111 and acceptance into nursing program.

**NURS 114** NURSING FOUNDATIONS LAB 1 UNIT  
HOURS: 3.5 LAB CSU

Laboratory component of Nursing Foundations, which includes assessment, basic skills, and documentation for vocational nursing in health care settings. Co-requisite: NURS 112.

**NURS 116** PSYCHOLOGICAL PRINCIPLES FOR NURSES 3 UNITS  
HOURS: 9 LEC CSU

This course is designed to introduce students to the psychological, social, and cultural needs of clients in the health care settings. Students will learn how to identify psychosocial needs of clients in both mental health and medical/surgical settings, utilizing DSM guidelines. Appropriate coping strategies and communication techniques will be addressed. Prerequisite: NURS 100, BIOL 110, BIOL 112 and HES 170.

**NURS 118** MEDICAL TERMINOLOGY 3 UNITS  
HOURS: 3 LEC CSU

This online course is designed to introduce the student to the basic terminology used in the health care industry, including the origin, spelling, pronunciation, meaning and current usage of medical terms and the application to those terms within the health care setting. It provides the basis for further advancement in any health care profession.

**NURS 120** INTRODUCTION TO PHARMACOLOGY 1 UNIT  
HOURS: 6 LEC CSU

This is a survey class for in pharmacology, including classes of medications commonly used in nursing. Classes of medications are discussed, with examples from each. Indications, side effects, and dosages are covered with emphasis on nursing process. Prerequisite: NURS112.

**NURS 122** BASIC MEDICAL SURGICAL NURSING 5 UNITS  
HOURS: 5 LEC CSU

This is the first in a series of three sequential nursing theory courses. Each course will increase in complexity. This first course covers basic physiology, pathophysiology, and the nursing process related to body systems, including pharmacology, nutrition, communication, and other nursing interventions. Prerequisites: NURS 112, NURS 116 and NURS 120.

**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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**NURS 123** BASIC MEDICAL SURGICAL NURSING LAB 1 2 UNITS  
HOURS: 6 LEC CSU

Directed supervision clinical component of Basic Medical/Surgical Nursing. Includes direct, transcultural client care, assessment, documentation, and medication administration, with effective communication. Settings include simulation lab, and health care settings. Prerequisites: NURS 112,NURS 114,NURS 116 and NURS 120. Co-requisite: NURS 122.

**NURS 125** BASIC MEDICAL SURGICAL NURSING LAB 11 3.5 UNITS  
HOURS: 24 LAB CSU

Directed supervision of clinical component of Basic Medical/Surgical Nursing. Includes direct, transcultural client care, assessment, documentation, and medication administration, within effective communication. Settings include simulation lab, and health care settings. Prerequisites: NURS 112, NURS 114, NURS 116, NURS 120 and NURS 123.

**NURS 212** INTERMEDIATE MEDICAL SURGICAL NURSING 3 UNITS  
HOURS: 5.5 LEC CSU

This is the second in a three-semester sequence of medical/surgical courses. The intermediate course emphasizes an increasingly complex pathophysiology and the nursing process as related to body systems, including invasive procedures, pharmacology, nutrition, communication, and other nursing interventions. Prerequisites: NURS 112, NURS 114, NURS 116, NURS 120 and NURS 122. Co-requisite: NURS 214.

**NURS 214** INTERMEDIATE MEDICAL SURGICAL NURSING LAB 2.5 UNITS  
HOURS: 8 LAB CSU

This course is the laboratory portion of Intermediate Medical Surgical Nursing. Clinical experience will reflect the theoretical knowledge that the student has gained in Basic and Intermediate Medical Surgical Nursing. Laboratory will be centered in the hospital, surgery and emergency room. Co-requisite: NURS 212.

**NURS 222** ADVANCED MEDICAL SURGICAL NURSING 5 UNITS  
HOURS: 7.5 LEC CSU

This is the third in a three-semester sequence of medical/surgical courses. The advanced course emphasizes the complex pathophysiology and nursing processes as related to multi-body systems, including invasive procedures, pharmacology, nutrition, communication, and other nursing interventions. Co-Requisite: NURS 223.

**NURS 223** ADVANCED MEDICAL SURGICAL NURSING LAB I 2 UNITS  
HOURS: 8.5 LAB CSU

Directed supervision of clinical component of advanced Medical/Surgical nursing. Includes direct, transcultural client care, assessment, documentation, and medication administration, utilizing effective communication, and current technologies. The student will apply critical thinking to care of the client. Settings include simulation lab and health care settings. Enrollment Limitation; students must be accepted into the LVN Program. Co-Requisite: NURS 222.

**NURS 225** ADVANCED MEDICAL SURGICAL NURSING LAB II 1.5 UNITS  
HOURS: 24 LAB CSU

Directed supervision of clinical component of advanced Medical/Surgical nursing. Includes direct, transcultural client care, assessment, documentation, and medication administration, utilizing effective communication, and current technologies. The student will concentrate on clients with multisystem disorders. Settings include simulation lab and acute health care settings. Enrollment is limited to students who have been accepted into the nursing program.

**NURS 232** OBSTETRICAL NURSING 2 UNITS  
HOURS: 6 LAB CSU

This course focuses on the maternal client, introducing the anatomy and function of male and female reproductive systems, normal and abnormal fetal development, nursing care of women with complications during pregnancy, care of mother and infant during normal labor and birth and with complications of labor and birth, postpartum care, and care of the newborn. Enrollment Limitation: students must be accepted into the LVN Program. Co-requisite: NURS 234.

**NURS 234** OBSTETRICAL NURSING LAB I .5 UNIT  
HOURS: 6 LAB CSU

This course is the first of two laboratory components of obstetrical nursing, covering pregnancy, delivery, post-partum, and newborn care. Enrollment Limitation; students must be accepted into the LVN Program. Co-requisite: NURS 232.

**NURS 235** **OBSTETRICAL NURSING LAB II** **1 UNIT**  
**HOURS: 24 LAB** **CSU**

This course is the second of two laboratory components of obstetrical nursing, covering labor and delivery, and post-partum care in acute health care settings. Enrollment is limited to those students accepted into the nursing program.

**NURS 237** **PEDIATRIC NURSING** **2 UNITS**  
**HOURS: 6 LAB** **CSU**

This course studies the growth and development of the normal newborn and child, which is used as a basis to study the ill child, and the child with congenital, or developmental abnormalities. Study is concerned with understanding the pathophysiology of pediatric conditions, providing appropriate care using the nursing process, and utilizing transcultural nursing care of the whole family as well as the child. Enrollment is limited to those students who have been accepted into the nursing program. Co-requisite: NURS 239.

**NURS 239** **PEDIATRIC NURSING LAB I** **.5 UNIT**  
**HOURS: 5.5 LAB** **CSU**

This course is the first laboratory component of Pediatric Nursing, covering the growth and development of the child, from birth through adolescence. This includes the abnormal development and congenital abnormalities. The student will both observe and participate in nursing skills in a variety of settings. Co-requisite: NURS 237.

**NURS 240** **PEDIATRIC NURSING LAB II** **1 UNIT**  
**HOURS: 48 LAB** **CSU**

This is the 2nd laboratory component of Pediatric, covering the growth and development of the child, from birth through adolescence. This includes the abnormal development and congenital abnormalities. The student will both observe and participate in nursing skills in a variety of settings.

**NURS 280** **SYNTHESIS OF NURSING CONCEPTS** **1 UNIT**  
**HOURS: 36 LEC**

A capstone course designed to enhance the student's ability to perform successfully on the NCLEX-PN licensure examination. Through class discussion and simulated exams, the comprehensive review course will integrate the nursing process, client needs, pharmacology, nutrition, safety, infection control, and legal issues with management of client care, including priorities and delegation, home care, and cultural diversity, reflecting client needs across the life span in a variety of settings. Tips for test taking and success are included. Advisory: Completion of a Licensed Vocational Nursing Program or approval of Advisor or Director of Allied Health.

## NUTRITION, FOOD AND CULINARY ARTS

**NCA 001** **FOOD SAFETY AND SANITATION** **1.5 UNITS**  
**HOURS: 2 LEC**

This course introduced the laws and regulations governing sanitation and safety in food service. It presents necessary procedures with food, the food production area, equipment and the employee. Food-borne illnesses and their origins are introduced. HAACP and hygiene will be studied.

**NCA 002** **PROFESSIONAL CHEF COOKING I** **2.5 UNITS**  
**HOURS: 2.4 LEC; 3.6 LAB**

Comprehensive introduction to fundamental techniques of food preparation, including those applicable to sauces, meats, poultry, vegetables and baking.

**NCA 003** **PROFESSIONAL CHEF COOKING II** **2.5 UNITS**  
**HOURS: 2 LEC; 3 LAB**

This course will include more advanced concepts of cooking to include meats, fish poultry, bakery and applications for commercial settings such as catering and buffet planning.

### GENERAL EDUCATION/CORE CLASS IDENTIFICATION

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**NCA 004** **FOOD SERVICE COST CONTROLS** **2 UNITS**  
**HOURS: 2 LEC**

Introduction to tracking quantitative measures in the restaurant business: recipes; inventory; cost of food and beverages, and the analytical tools to assess them for profitability.

**NCA 010** **RESTAURANT OPERATIONS: BREAKFAST** **3.5 UNITS**  
**HOURS: 1.5 LEC; 6 LAB**

Students rotate through all facets of restaurant operation emphasizing breakfast. Students will refine culinary skills in preparation and serving of hot and cold foods, production, portion control, plating techniques and concepts of teamwork.

**NCA 011** **RESTAURANT OPERATIONS: LUNCH** **3.5 UNITS**  
**HOURS: 1.5 LEC; 6 LAB**

Students rotate through all facets of restaurant operation emphasizing lunch. Students will refine culinary skills in preparation and serving of hot and cold foods, production, portion control, plating techniques and concepts of teamwork.

**NCA 012** **CATERING FOR THE PROFESSIONAL** **2.5 UNITS**  
**HOURS: 1.5 LEC; 3 LAB**

Students will learn how to price and present catered functions: private parties, luncheons and dinners. Budgeting, portion planning, transport, and presentation will be covered as well as staffing and serving considerations.

**NCA 013** **RESTAURANT SERVICE BASICS** **.5 UNIT**  
**HOURS: 10 LEC**

Students will learn the skills for being a professional server. The history of professional service, types of table service, table settings, wine service and "up-selling" will all be covered.

**NCA 014** **STOCKS AND SAUCES** **2 UNITS**  
**HOURS: 1.5 LEC; 1.5 LAB**

Students will learn how to prepare stocks and understand how they are the foundation of sauces and soups. Students will learn to prepare the basic stocks, soups and sauces on which classic recipes are built.

**NCA 015** **GARDE MANGER** **1 UNIT**  
**HOURS: 1.5 LEC**

Students will learn techniques for preparation and presentation of cold food. The beautiful presentation of salads, cold soups and appetizers will be practiced in a professional setting.

**NCA 016** **KNIFE SKILLS** **.5 UNIT**  
**HOURS: .5 LEC; .16 LAB**

Students will learn basic knife handling skills, including sharpening, cleaning and storage. Students will practice meat cutting, and de-boning of poultry, fish and meat.

**NCA 021** **FUNDAMENTALS OF BAKING** **2.5 UNITS**  
**HOURS: 1.5 LEC; 3 LAB**

This course will introduce the students to the terminology, basic principles and ingredients used in making baked products in a professional setting. Students will prepare basic dough, batters, and pastry items. Proper scaling procedures and baking techniques are emphasized.

**NCA 022** **THE WORLD OF BREADS** **3 UNITS**  
**HOURS: 1.5 LEC; 4.5 LAB**

A concentration on the world of yeasted breads: including sandwich, whole grain and artisan breads.

**NCA 023** **ADVANCED BAKING** **3 UNITS**  
**HOURS: 1.5 LEC; 4.5 LEC**

Desserts, desserts and more desserts. Fancy cakes, perfect pies and tarts, luscious custards, and easily beautiful ways of presenting them all.

**NCA 024** **SOURDOUGH BREAD** **3 UNITS**  
**HOURS: 2 LEC; 3 LAB**

Students will produce a true wild yeast sourdough culture to produce a wide variety of world-class sourdough breads.

<b>NCA 025</b> HOURS: 0.5 LEC; 3 LAB	<b>ART OF THE WEDDING CAKE</b>	<b>1.5 UNITS</b>
Baking, decorating and assembly of wedding cakes from classic to contemporary.		
<b>NCA 026</b> HOURS: .5 LEC; 3 LAB	<b>CLASSIC PASTRY DOUGHS</b>	<b>1.5 UNITS</b>
Puff pastry, croissants and Danish dough: their construction, shaping, baking and many uses in the pastry kitchen.		
<b>NCA 031</b> HOURS: .5 LEC; 1.5 LAB	<b>MEXICAN COOKING</b>	<b>1 UNIT</b>
Students will become familiar with Mexican cuisine including techniques, ingredients and culture.		
<b>NCA 032</b> HOURS: .5 LEC; 1.5 LAB	<b>SPECIAL ISSUES IN SENIOR FOOD SERVICE</b>	<b>1 UNIT</b>
This course is designed to introduce the student to issues specific to nutrition and food service for seniors. Techniques for making food appetizing to a population with declining ability to taste and food/ medicine interactions will be studied.		
<b>NCA 170</b> HOURS: 3 LEC	<b>INTRODUCTION TO NUTRITION</b>	<b>3 UNITS</b> CSU, UC
Physiological, social and psychological factors affecting food intake is examined. The relationship of nutrients to health throughout the life cycle is explored. Cross-listed with HES 170.		

## OUTDOOR RECREATION LEADERSHIP

<b>ORL 045</b> HOURS: 9 LEC; 27 LAB	<b>BASIC TRAIL BUILDING TECHNIQUES</b>	<b>1 UNIT</b>
Learn to build low maintenance trails in a safe and efficient manner. This class is suitable for students who are interested in trail building jobs or for those wishing to build trails on private land.		
<b>ORL 046</b> HOURS: 9 LEC; 27 LAB	<b>ADVANCED TRAIL BUILDING TECHNIQUES</b>	<b>1 UNIT</b>
Students will learn advanced techniques related to the use of technical equipment to build low maintenance trails in a safe and efficient manner. This class is most suitable for students interested in building mountain trails on public lands.		
<b>ORL 047</b> HOURS: 9 LEC; 27 LAB	<b>TRAIL BUILDING CREW LEADERSHIP</b>	<b>3 UNITS</b>
This class is designed for students who have demonstrated strong trail building skills. Leading trail crews requires a variety of leadership and management skills. Students will learn skills related to design, tool care, risk management, and a variety leadership and management skills such as communication, motivation, and group norm setting.		
<b>ORL 110</b> HOURS: 6 LEC	<b>INTRODUCTION TO RECREATION AND LEISURE</b>	<b>3 UNITS</b> CSU
An introduction to the history, philosophy and principles of recreation and leisure. Additional topics include the agencies providing programs and an investigation of professional employment opportunities in the broader field of recreation.		
<b>ORL 116</b> HOURS: 4 LEC; 6 LAB	<b>OUTDOOR RECREATION PRINCIPLES</b>	<b>3 UNITS</b> CSU
The course is designed to prepare students for backcountry travel and other classes in the Outdoor Recreation Leadership Program. The course is also intended to expand knowledge of and appreciation for the natural environment and the agencies that manage public lands so that safe, responsible and enjoyable outdoor adventures are possible.		

### GENERAL EDUCATION/CORE CLASS IDENTIFICATION

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<b>ORL 120</b> HOURS: 2 LEC; 3 LAB	<b>RECREATION PROGRAM PLANNING</b>	<b>3 UNITS</b> CSU
This course will equip students with a variety of program and event planning methodologies and skills. Emphasis is placed on the planning, organization, implementation and evaluation of recreation programs. Theories are applied in an experiential setting. Field work is required.		
<b>ORL 130</b> HOURS: 36 LEC; 216 LAB	<b>ADVENTURE BASED OUTDOOR RECREATION</b>	<b>6 UNITS</b> CSU, UC
Students participate in a variety of field based activities aimed at improving teaching and leading skills in outdoor adventure activities including: Whitewater kayaking and rafting; backpacking; winter travel and camping techniques; cross-country and Telemark skiing; as well as rock climbing and mountaineering techniques. A majority of the class time is spent in field based activities. Students must be prepared to spend time in mountain environments being physically active in a variety of weather conditions.		
<b>ORL 140</b> HOURS: 9 LEC; 27 LAB	<b>BEGINNING SEA KAYAKING</b>	<b>1 UNIT</b> CSU
This class is designed to introduce participants to the joys of sea kayaking. Students will be exposed to the fundamentals of sea kayak touring, including equipment use, proper paddling techniques, self and assisted rescue, and group traveling techniques. These skills will be learned in the classroom and applied on the water with an emphasis on learning safe and efficient techniques which can all be later applied to the ocean environment. Class will be conducted on local lakes and reservoirs.		
<b>ORL 142</b> HOURS: 9 LEC; 27 LAB	<b>INTERMEDIATE SEA KAYAKING</b>	<b>1 UNIT</b> CSU
Students will continue to develop their sea kayak touring skills by adding expedition techniques. A multi-day expedition will expose participants to the equipment and methods used to ensure a safe and enjoyable trip. Skills include advanced rescue techniques, navigation, proper campsite selection, group travel techniques, and boat / equipment care and maintenance. Opportunities to work on Eskimo roll. Discussion of tides, currents and other ocean elements will be included.		
<b>ORL 144</b> HOURS: 9 LEC; 27 LAB	<b>BACKCOUNTRY SKI AND SNOWBOARD</b>	<b>1 UNIT</b> CSU
In addition to skiing and snowboarding skills, traveling safely in the winter backcountry requires additional skills. This course provides students with a breadth of knowledge related to these skills. This class requires that students are in a physical condition which allows them to exercise vigorously at high elevations. This class assumes that students know how to ski or snowboard.		
<b>ORL 150</b> HOURS: 18 LEC; 54 LAB	<b>BEGINNING WHITEWATER RAFTING</b>	<b>2 UNITS</b> CSU, UC
An introductory course designed for students interested in learning basic competencies related to effective travel in a whitewater raft. Content includes an introduction to the following skills and techniques: paddling, clothing and equipment, self-rescue, commands for navigation, basic safety, and logistical planning. Students should be prepared to spend time in cold water in a variety of weather conditions.		
<b>ORL 152</b> HOURS: 9 LEC; 27 LAB	<b>WHITEWATER RAFT GUIDE SCHOOL</b>	<b>2 UNITS</b> CSU, UC
Students in this class will learn how to logistically organize their own rafting trips. Students will enhance their ability to navigate intermediate whitewater as the guide of an inflatable raft. Students will be prepared for entry level work as commercial guides. Content includes group organization, guide commands, giving a safety talk, safety and rescue, fundamental hydrology, and raft guiding techniques. Ninety percent of class time is spent on the river. Students must be prepared for participation in all types of weather on a variety of whitewater rivers.		
<b>ORL 154</b> HOURS: 9 LEC; 27 LAB	<b>CANOE AND STAND-UP PADDLEBOARD</b>	<b>1 UNIT</b> CSU, UC
An introduction to flat-water paddle sports, including canoeing and stand-up-paddleboarding (SUP). Course is designed for students interested in learning basic competencies related to safe travel in canoes and SUPs. Content includes paddling techniques, clothing and equipment, self-rescue, navigation, logistical planning, and knots. May be an expedition or day trips, depending on the year.		
<b>ORL 156</b> HOURS: 9 LEC; 27 LAB	<b>BEGINNING ROCK CLIMBING</b>	<b>1 UNIT</b> CSU, UC
An introduction to the basic principles of top roped rock climbing. Students will learn to ascend steep rock in a safe and efficient manner. Content will include a basic introduction to equipment, systems, anchors, movement, and safe climbing practices.		
<b>ORL 158</b> HOURS: 9 LEC; 27 LAB	<b>INTERMEDIATE ROCK CLIMBING</b>	<b>1 UNIT</b> CSU, UC
In addition to advanced discussions related to moving over stone, students will develop skills related to placing protection, building anchors, ascending a fixed line, and lead climbing.		

<b>ORL 160</b> HOURS: 9 LEC; 27 LAB	<b>BEGINNING BACKPACKING</b>	<b>1 UNIT</b> CSU, UC
An introduction to the basic principles of backpacking. Students will learn to visit backcountry environments for extended stays. Content will include a basic introduction to equipment and clothing, navigation with topographic maps, Leave No Trace principles, time / energy control planning, trip planning, campsite selection, trail techniques, and camp cooking.		
<b>ORL 161</b> HOURS: 9 LEC; 27 LAB	<b>INTERMEDIATE BACKPACKING</b>	<b>1 UNIT</b> CSU, UC
A class designed for students who have obtained basic competencies related to backpacking and backcountry travel. Content will include a more advanced survey of equipment and clothing, navigation with map and compass, leave no trace principles, time / energy control planning, trip planning, campsite selection, trail techniques, and camp cooking.		
<b>ORL 162</b> HOURS: 9 LEC; 27 LAB	<b>MOUNTAINEERING</b>	<b>1 UNIT</b> CSU, UC
An introductory course designed for students interested in learning basic competencies related to safe travel in alpine environments. Appropriate for aspiring guides, Search and Rescue team members, and recreational mountaineers. Content includes an introduction to the following skills and techniques: Equipment and clothing for the mountaineer, self-arrest, hiking techniques, ascending a fixed line, basic knots, navigation, mountain weather, basic first aid, seated glissade, and anchors and belay systems.		
<b>ORL 166</b> HOURS: 9 LEC; 27 LAB	<b>MOUNTAIN BIKING</b>	<b>1 UNIT</b> CSU, UC
An introduction to the basic principles of mountain biking. Students will learn ride mountain bikes in a safe and efficient manner. Content will include a basic introduction to equipment, techniques, repairs, group management, and route finding.		
<b>ORL 168</b> HOURS: 9 LEC; 27 LAB	<b>CROSS COUNTRY SKIING</b>	<b>1 UNIT</b> CSU, UC
An introduction to the basic principles of cross-country skiing. Students will learn to tour over a variety of terrains in winter conditions. Content will include a basic introduction to equipment and techniques. The course is field based.		
<b>ORL 170</b> HOURS: 9 LEC; 27 LAB	<b>TELEMARK SKIING</b>	<b>1 UNIT</b> CSU, UC
An introductory course designed for students interested in learning basic competencies related to Telemark skiing. Content includes an introduction to the following: concepts, skills, and techniques: Equipment and clothing, body position, sequential learning of basic skills, fall line skiing, and skiing in difficult snow conditions. Students must be sufficiently fit to ski at a ski area and in the winter mountain backcountry.		
<b>ORL 172</b> HOURS: 9 LEC; 27 LAB	<b>BEGINNING WHITEWATER KAYAKING</b>	<b>1 UNIT</b> CSU, UC
This course is designed for people who are comfortable in the water but have no experience related to whitewater kayaking. We will begin by learning the kayak roll and proceed through a gradual progression that will allow students to kayak through whitewater rapids by the end of the course. Students must be sufficiently fit to spend three consecutive days actively participating.		
<b>ORL 174</b> HOURS: 9 LEC; 27 LAB	<b>INTERMEDIATE WHITEWATER KAYAKING</b>	<b>1 UNIT</b> CSU, UC
This class is designed for students who possess basic skills related to whitewater kayaking. If you have a roll and understand basic strokes and maneuvers, this class will allow you to proceed with more advanced skills. Students will learn basic kayak safety and rescue, advanced principles related to peel outs, eddy turns, and ferries, and a variety of kayak play techniques. Students must be sufficiently fit to spend three full days actively paddling on whitewater rivers.		
<b>ORL 174</b> HOURS: 9 LEC; 27 LAB	<b>INTERMEDIATE WHITEWATER KAYAKING</b>	<b>1 UNIT</b> CSU, UC
This class is designed for students who possess basic skills related to whitewater kayaking. If you have a roll and understand basic strokes and maneuvers, this class will allow you to proceed with more advanced skills. Students will learn basic kayak safety and rescue, advanced principles related to peel outs, eddy turns, and ferries, and a variety of kayak play techniques. Students must be sufficiently fit to spend three full days actively paddling on whitewater rivers.		

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<b>ORL 180</b> HOURS: 18 LEC; 54 LAB	<b>WILDERNESS FIRST RESPONDER</b>	<b>2 UNITS</b> CSU
Students will learn to respond to medical emergencies in the backcountry. This course focuses on identifying symptoms and providing treatments in the backcountry given minimal first aid resources. An emphasis is placed on methods for improvising and problem solving during medical emergencies. Successful completion of the class satisfies protocols from the Wilderness Medical Society and includes certification as a Wilderness First Responder through Sierra Rescue.		
<b>ORL 182</b> HOURS: 9 LEC; 27 LAB	<b>SWIFTWATER RESCUE TECHNICIAN LEVEL 1</b>	<b>1 UNIT</b> CSU
A course designed to teach river-running enthusiasts, Search and Rescue team members, and Emergency Responders skills related to safe travel and rescue in swift water. Course content includes rope-rigging systems, rescuer/ victim psychology and physiology, boat handling, patient trauma treatment, and swimming techniques. Successful completion of the course will result in American Canoe Association Swiftwater Rescue Technician I certification.		
<b>ORL 184</b> HOURS: 9 LEC; 27 LAB	<b>CHALLENGE COURSE FACILITATION</b>	<b>1 UNIT</b> CSU
This course will familiarize students with the necessary skills and knowledge to effectively operate, facilitate and lead groups through a Ropes Challenge Course experience. The course will be an active and dynamic exploration of such general skills as high adventure leadership and effective facilitation of high adventure pursuits. Specific areas to be covered include course set-up and maintenance, risk management, operation, debriefing, program problem solving and high-angle rescue techniques.		
<b>ORL 188</b> HOURS: 9 LEC; 27 LAB	<b>WILDERNESS FIRST RESPONDER RECERTIFICATION</b>	<b>1 UNIT</b> CSU
Recertification courses are focused on skills labs and scenarios with little lecture time. We offer CPR certification with this course. Students refresh skills related to their Wilderness First Responder training and certification.		
<b>ORL 190</b> HOURS: 9 LEC; 27 LAB	<b>AVALANCHE TECHNICIAN LEVEL I</b>	<b>1 UNIT</b> CSU
This course is designed for aspiring professional guides, emergency response professionals, and recreational skiers and snow boarders who choose to spend time in avalanche terrain. Students will learn to evaluate snow pack stability, choose safe routes for winter travel, and respond to accidents involving avalanche		
<b>ORL 192</b> HOURS: 18 LEC; 54 LAB	<b>SWIFTWATER RESCUE TECHNICIAN ADVANCED</b>	<b>2 UNITS</b> CSU
Swiftwater Rescue Technician Advanced (SRTA) integrates techniques learned in Swiftwater Rescue Technician 1 and Technical Rope Rescue: Technician Level, taking the students beyond the emphasis on self-rescue to concentrate on victim rescue. This three-day course combines advanced water rescue techniques with rope skills. Students are exposed to more complex water rescue situations culminating in the completion of a mock night river rescue scenario and a high line (Tyrolean) with a mid-point drop pick-off rescue. Upon completion of this class student will be an approved National Fire Protection Agency (NFPA) rope and water rescue technician.		
<b>ORL 200</b> HOURS: 2 LEC; 3 LAB	<b>OUTDOOR RECREATION LEADERSHIP</b>	<b>3 UNITS</b> CSU
A study of leadership as it pertains to recreation. This course allows students to develop as recreation leaders by providing a theoretical framework of leadership theory and experiential learning as recreation leaders. Emphasis is placed on appropriate theories and techniques for addressing the needs of a variety of clientele in an outdoor setting.		
<b>ORL 280</b> HOURS: 2 LEC	<b>OUTDOOR RECREATION LEADERSHIP PROFESSIONAL DEVELOPMENT SEMINAR</b>	<b>2 UNITS</b>
This interdisciplinary class, which is taken toward the end of a student's ORL studies, has two broad objectives: (1) to synthesize information gathered in courses required for the ORL major; and (2) to develop skills in seeking out, applying to, and interviewing for continued education and/or employment in outdoor recreation fields.		
<b>ORL 291</b> HOURS: 18-270	<b>DIRECTED FIELD EXPERIENCE</b>	<b>1-5 UNITS</b> CSU
A student may take advanced course work or complete a student designed project in Outdoor Recreation Leadership after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor and Chief Instructional Officer, and placed on file with the Office of Instruction.		

ORL 299 SPECIAL TOPICS: OUTDOOR RECREATION LEADERSHIP .5-1 UNIT

HOURS: 4.5-9 LEC; 13.5-27

Selected topics that develop knowledge of recreational resources, activities, and issues.

## PHILOSOPHY

PHIL 100 INTRODUCTION TO PHILOSOPHY 3 UNITS  
HOURS: 3 LEC CSU (C2), UC, IGETC (3B)

An introduction to philosophy with emphasis on identifying and evaluating central themes and issues within the history of philosophy. In this course, students are encouraged to critically evaluate their own philosophical concepts as they explore early to modern philosophy. Topics include: Ethics, Metaphysics, Epistemology, philosophy of religion, and contemporary philosophy.

PHIL 101 LOGIC 3 UNITS  
HOURS: 3 LEC CSU (A3, C2), UC

Students are introduced to principles of formal reasoning including categorical logic, tests for logical validity, propositional logic, and logical proofs. Topics include deductive and inductive reasoning, Venn diagrams, syllogisms, the square of opposition, modern symbolic logic, and truth tables. The development of logical systems is discussed in the context of the history of philosophy and the role of logic in scientific hypothesis formation and testing. Informal logic, informal fallacies, and the relationship between inductive logic and statistical thinking are also explored.

PHIL 102 ETHICS AND SOCIAL VALUES 3 UNITS  
HOURS: 3 LEC CSU (A3, C2), UC, IGETC (3B)

Introduction to philosophical analysis of ethics/morality and the formal principles of theorizing and reasoning values in personal and social contexts. Course will present various approaches within the field of philosophy and their applications to contemporary moral issues (such as abortion, euthanasia, censorship, and capital punishment).

PHIL 103 PHILOSOPHY OF RELIGIONS 3 UNITS  
HOURS: 3 LEC CSU (C2), UC, IGETC (3B)

An introduction to philosophy with emphasis on identifying and evaluating central themes and issues within the history of philosophy. In this course, students are encouraged to critically evaluate their own philosophical concepts as they explore early to modern philosophy. Topics include: Ethics, Metaphysics, Epistemology, philosophy of religion, and contemporary philosophy.

PHIL 150 INTRODUCTION TO CHRISTIANITY 3 UNITS  
HOURS: 3 LEC CSU, UC

A survey of major philosophical tenets of Christianity. Among the issues examined will be the philosophy of Judaism, the development of early Christianity, the Protestant Reformation, and modern trends in Christianity.

PHIL 291 DIRECTED STUDY 1-5 UNITS  
HOURS: 18-270

A student may take advanced course work or complete a student designed project in Philosophy after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## PHYSICAL SCIENCE

PHSC 100 THE PHYSICAL UNIVERSE 4 UNITS  
HOURS: 3 LEC; 3 LAB CSU (B1, B3), UC

A comprehensive coverage of the physical sciences, including physics, chemistry, geology, and astronomy. Emphasis is placed on the scientific method and how it has led us to our current understanding of the universe around us and the processes that shape it. This is on hold until further research is done – Miller is to attend COI to discuss the impact of this COR on her teacher degree.

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PHSC 120 INTRODUCTION TO ASTRONOMY 3 UNITS

HOURS: 3 LEC

CSU (B1), UC, IGETC (5A)

Survey of the science of astronomy. A comprehensive, non-technical introduction to astronomy, including discussion of the structure and evolution of the solar system, stars, galaxies, and universe. Advisory: MATH 016.

PHSC 291 DIRECTED STUDY 1-5 UNITS  
HOURS: 18-270 CSU

A student may take advanced course work or complete a student designed project in Physical Sciences after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## PHYSICS

PHYS 100 CONCEPTS IN PHYSICS 3 UNITS  
HOURS: 3 LEC CSU (B1), UC, IGETC (5)

A survey course in selected topics from physics including mechanics, states of matter, heat and thermodynamics, electrical and magnetic phenomena, optics, and modern physics. This course focuses on the physical concepts and is non-mathematical in nature. Advisory: MATH 016.

PHYS 100L CONCEPTS IN PHYSICS LAB 1 UNIT  
HOURS: 3 LAB CSU

An introductory lab course designed to allow the students an opportunity to become familiar with the methods of science through doing a variety of physics experiments. Taking measurements of fundamental, physical quantities and unit conversions will be covered. Experiments will be relevant to a number of physics topics including material properties, kinematics, Newton's Laws, ballistics, collisions, energy, fluids, heat and thermodynamics, waves, sound, electrostatic charge, basic circuits, magnetism, optics, including colors and polarization of light, spectroscopy, and radioactive materials. Co-requisite: PHYS 100.

PHYS 102 GENERAL PHYSICS I 4 UNITS  
HOURS: 3 LEC; 3 LAB CSU (B1, B3), UC, IGETC (5)

An introductory course in physics that will cover mechanics, thermodynamics, vibrations and wave motion using algebra. Advisory: MATH 108 or equivalent.

PHYS 104 GENERAL PHYSICS II 4 UNITS  
HOURS: 3 LEC; 3 LAB CSU (B1, B3), UC, IGETC (5)

An introductory course in Physics that will cover electricity and magnetism, light and optics, and modern physics. Second part of a two-semester sequence. Prerequisite: PHYS 102 or equivalent.

PHYS 202 PHYSICS FOR SCIENTISTS AND ENGINEERS I 4 UNITS  
HOURS: 3 LEC; 3 LAB CSU

A rigorous course in physics that will kinematics, dynamics, work and energy, momentum, gravitation, and wave motion using calculus at a level appropriate for science and engineering majors. This is the first course in a three-semester sequence. Co-requisite: MATH 220.

PHYS 204 PHYSICS FOR SCIENTISTS AND ENGINEERS II 4 UNITS  
HOURS: 3 LEC; 3 LAB CSU

A rigorous course in physics that will cover thermodynamics, electricity and magnetism using calculus at a level appropriate for science and engineering majors. Second part of a three-semester sequence. Prerequisite: PHSY 202, Co-requisite: MATH 222.

PHYS 206 PHYSICS FOR SCIENTISTS AND ENGINEERS III 4 UNITS  
HOURS: 3 LEC; 3 LAB CSU

A rigorous course in physics that will cover electromagnetic waves derived from Maxwell's equations, physical optics, relativity and quantum mechanics using calculus at a level appropriate for science and engineering majors. Third part of a three-semester sequence. Prerequisite: PHYS 204.

**PHYS 291** DIRECTED STUDY 1-5 UNITS  
HOURS: 18-270 CSU

A student may take advanced course work or complete a student designed project in Physics after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## POLITICAL SCIENCE

**POL 101** AMERICAN GOVERNMENT AND POLITICS 3 UNITS  
HOURS: 3 LEC CSU (D8), UC, IGETC (4H)

This course is an introduction to national and California state government. Topics examined include the constitutional foundations, the institutions and structures of government, and the politics in government including the role of interest groups, political parties, the function of campaigns and elections, and policymaking. Throughout the course, students will consider important issues facing democracy in the United States.

**POL 130** INTRODUCTION TO INTERNATIONAL RELATIONS 3 UNITS  
HOURS: 3 LEC CSU (D8), IGETC (4H)

Students in this course will be introduced to theories of international relations and use these theories to examine the international political system and its actors. Students will look at debates surrounding the role of the nation-state in the 21st century, the power of non-state and sub-national actors in topics such as war, peace, diplomacy, human rights, environmental issues, international law, and the international political economy.

**POL 140** INTRODUCTION TO RACE AND ETHNICITY 3 UNITS  
HOURS: 3 LEC CSU (D3), UC, IGETC (4H)

Sociological analysis of race, and ethnicity, and examination of the cultural, political, and economic practices and institutions that support or challenge racism and inequality. This course explores the historical and contemporary interactions between various racial and ethnic groups using sociological perspectives and political theories. Cross-listed with SOC140.

**POL 150** INTRODUCTION TO POLITICAL SCIENCE 3 UNITS  
HOURS: 3 LEC

An introduction to political science that explores the development of political science as a field of study by looking at the subfields within political science, its theoretical foundations, and the basic political concepts and methods used to examine political systems, structures, institutions, political ideologies and political behavior.

**POL 160** GLOBALIZATION 3 UNITS  
HOURS: 3 LEC CSU (D0), UC, IGETC (4J)

Students in this course will be introduced to the processes and structures of globalization that make the world more interconnected. Using theoretical perspectives and debates around globalization, students will delve into topics such as colonialism; political economy; economic and social development; the migration of people and ideas; environment and development; tourism; and responses to globalization throughout the world. Cross-listed with SOC 160.

**POL 170** WASHINGTON D.C. WEEK: "DEMOCRACY IN PRACTICE" 3 UNITS  
HOURS: 27 LEC; 54 LAB; 45 FIELD CSU

This course will explore "democracy in practice" through lecture and study, attendance and participation in a local government or community political event, and a fully supervised and coordinated week in Washington, D.C. It will explore the behavior of key actors in national government institutions. It also will examine how individuals and groups can affect and are affected by the institutions and people of national and local government. The course would be especially helpful to any who aspire to a career in education. Each student shall be required to pay for the cost of airfare, hotel, meals and incidentals for the trip to Washington, in addition to regular college fees. Cross-listed with HIST 170.

### GENERAL EDUCATION/CORE CLASS IDENTIFICATION

The transfer requirements satisfied by FRC courses for California four-year universities or University of Nevada, Reno are indicated below the unit value of each course. The IGETC pattern applies to both the California State University (CSU) and University of California (UC) Systems, as well as the University of Nevada, Reno. The letters in parentheses indicate any General Education (GE) Breadth area also satisfied. Please refer to the CSU and IGETC transfer patterns (pages 75-77) or meet with an academic advisor for clarification.

**POL 172** DEMOCRACY IN PRACTICE: LANDMARKS OF CIVIL RIGHTS 3 UNITS  
HOURS: 27 LEC; 54 LAB; 45 FIELD CSU

This course will explore "democracy in practice" through lecture and discussion, attendance and participation in a community political event, and a fully supervised week visiting prominent places in the history of the Civil Rights Movement in the southern states of the U.S. It will examine how individuals and groups influence major institutional political changes in local, state and national policy. Each student will be required to pay the cost of airfare, hotels, meals, and incidental costs of a seven- to ten-day excursion that includes Virginia, Alabama, and Tennessee. Cross-listed as HUMN 172 and HIST 172.

**POL 180** ENVIRONMENTAL POLICY 3 UNITS  
HOURS: 3 LEC CSU, UC

We will engage in a comprehensive analysis of the laws and policies that affect water, land, air, fire, wildlife, and vegetation in the American West. The class will examine the federal land management agencies (history, mission, policies), and issues specific to wilderness, wildlife, timber, grazing, water, and mining. While the primary focus is on the western U.S., some discussion of global issues will occur. The course examines policy strategies and outcomes, ethical and economic debates, political controversies, lawmaking and enforcement, and role of key players. Cross-listed with ENVR 180.

**POL 291** DIRECTED STUDY 1-5 UNITS  
HOURS: 18-270 CSU

A student may take advanced course work or complete a student designed project in Political Science after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## PSYCHOLOGY

**PSY 102** INTRODUCTION TO PSYCHOLOGY 3 UNITS  
HOURS: 3 LEC CSU (D9, E), UC, IGETC (4I)

Introduction to the scientific study of behavior and mental processes, including research methodology, perception, memory, motivation, emotion, personality, psychological development, intelligence, and psychobiology.

**PSY 130** PSYCHOLOGY OF WOMEN 3 UNITS  
HOURS: 3 LEC CSU (D4), UC

Explores the psychological, psycho-biological, social, and cultural factors that contribute to gender differences and the experiences of women. Myths and stereotypes of gender differences will be explored in light of current research, especially regarding women's physical and mental health, work, and relationships.

**PSY 291** DIRECTED STUDY 1-5 UNITS  
HOURS: 18-270 CSU

A student may take advanced course work or complete a student designed project in Psychology after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## SOCIOLOGY

**SOC 100** SEX, GENDER, AND SOCIETY 3 UNITS  
HOURS: 3 LEC CSU (D0, D4), UC, IGETC (4D, 4F)

This course is an overview of the sociological analysis of the social construction of masculinity and femininity historically and cross-culturally. It examines the debates on sex and gender. It analyzes the impact of economic and political change on gender expectations and practices. It focuses macro-analyses of how institutions shape gender and microanalyses of how individuals are socialized and how they "do" and practice gender.

**SOC 102** INTRODUCTION TO SOCIOLOGY 3 UNITS  
HOURS: 3 LEC CSU (D0), UC, IGETC (4J)

This course is an introduction to the concepts, perspectives, theories, and methods of sociology. Students will study the individual's relationship with society by analyzing socialization and the self, group dynamics, social stratification, diversity, social change, and social institutions in various cultural contexts.

**SOC 110** INTRODUCTION TO MARRIAGE AND THE FAMILY 3 UNITS  
**HOURS: 3 LEC** CSU

This class introduces students to the sociological analysis of the historical and contemporary dynamics of family, marriage patterns, and divorce. Students will examine the socio-cultural and economic forces that shape interpersonal attraction, mate selection, marriage, parenthood, male and female roles, and patterns of interaction within the family.

**SOC 140** INTRODUCTION TO RACE AND ETHNICITY 3 UNITS  
**HOURS: 3 LEC**

Sociological analysis of race, and ethnicity, and examination of the cultural, political, and economic practices and institutions that support or challenge racism and inequality. This course explores the historical and contemporary interactions between various racial and ethnic groups using sociological perspectives and political theories. Cross-listed with POL 140.

**SOC 150** SOCIAL TRENDS AND PROBLEMS 3 UNITS  
**HOURS: 3 LEC** CSU (D0), UC

This course examines contemporary social trends and problems in U.S. institutions, including: (1) the role of power and ideology in the definition of social problems, (2) their causes and consequences, (3) evaluations of proposed solutions, and (4) methods of intervention. Topics include crime, delinquency and violence, social inequality, family, race relations, education, environmental degradation, drugs and alcohol, and health care, among others.

**SOC 160** GLOBALIZATION 3 UNITS  
**HOURS: 3 LEC** CSU (D0), UC, IGETC (4J)

Students in this course will be introduced to the processes and structures of globalization that make the world more interconnected. Using theoretical perspectives and debates around globalization, students will delve into topics such as colonialism; political economy; economic and social development; the migration of people and ideas; environment and development; tourism; and responses to globalization throughout the world. Cross-listed with POL 160.

**SOC 291** DIRECTED STUDY 1-5 UNITS  
**HOURS: 18-270** CSU

A student may take advanced course work or complete a student designed project in Sociology after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## SPANISH

**SPAN 101** BEGINNING SPANISH 4 UNITS  
**HOURS: 4 LEC** CSU (C2), UC

Introduction to the language through study and practice in listening, speaking, reading, and writing Spanish. Designed to instruct in basic pronunciation, grammar, and conversation. Includes an introduction to Spanish-speaking cultures.

**SPAN 102** BEGINNING SPANISH II 4 UNITS  
**HOURS: 4 LEC** CSU (C2), UC, IGETC (6A)

Continued emphasis upon listening and speaking combined with grammatical practice, reading and writing. Includes Aural-oral practice with audio, video, and/or CD "tapes." Continuation of Spanish 101. Prerequisite: Completion of SPAN 101, or equivalent, with a "C" or better.

**SPAN 201** INTERMEDIATE SPANISH I 4 UNITS  
**HOURS: 4 LEC** CSU (C2), UC, IGETC (6A)

Spanish 201 is a course designed for students who have successfully completed Spanish 101 and 102 or two years of high school Spanish. The course provides intensive comprehensible input in Spanish, increasing the level of vocabulary, sentence structure, and syntax to enhance the development of language skills. The student will practice listening, speaking, reading, and writing Spanish through the use of personalized questioning techniques, personalized situations, and retelling and writing stories and essays in different perspectives. Hispanic cultures will be presented utilizing cultural videos, popular and folk music, realia, and novels. Grammatical concepts are embedded in input content and presented in context. The methods used in this class address national foreign language standards, the eight intelligences and all learning styles.

**SPAN 204** INTERMEDIATE SPANISH II 4 UNITS  
**HOURS: 4 LEC** CSU (C2), UC, IGETC (6A)

This course builds on the skill and knowledge developed in Spanish 201, but adds new information in the past tense subjunctive and other areas. The class also includes reading, writing, open discussion and viewing videos in Spanish. Grammar concepts are taught both by themselves and in relation to the other activities in class. Knowledge or appropriate background that equates to SPAN 201 is acceptable for entrance into the course.

**SPAN 291** DIRECTED STUDY 1-5 UNITS  
**HOURS: 18-270** CSU

A student may take advanced course work or complete a student designed project in Spanish after having completed introductory courses. The topics, learning objectives, educational material(s), number of units to be awarded, and method of evaluation are determined in a written agreement between the instructor and the student before the student engages in the learning experience. A "Learning Contract for Directed Studies" must be completed by the student, approved by the instructor, and Chief Instructional Officer, and placed on file with the Office of Instruction.

## THEATRE ARTS

**THEA 105** INTRODUCTION TO ACTING 3 UNITS  
**HOURS: 2 LEC; 3 LAB** CSU (C1), UC

Introduction to acting principles, techniques and application. Emphasis on learning skills such as body movement, voice control, diction, facial expression, and characterization.

**THEA 106** ADVANCED ACTING 3 UNITS  
**HOURS: 2 LEC; 3 LAB** CSU (C1), UC

Continuing concentration of acting principles, techniques and application introduced in Theatre Arts 105. Emphasis on scene study, characterization, and ensemble performance.

**THEA 114** DRAMA WORKSHOP TECHNICAL THEATRE 1-4 UNITS  
**HOURS: 2 LEC; 3 LAB** CSU, UC

Participation in set construction, lighting, makeup, costume, properties, or any other technical area of production. Open-entry/open-exit.

**THEA 140** DRAMA PRODUCTION 1-4 UNITS  
**HOURS: .5-2 LEC; 1.5-6 LAB** CSU, UC

The rehearsal, performance and staging of a comedy or drama production. Theatre activity for the beginner or expert in acting. For students who desire to act in plays for public performance. Participation in the main stage production will be determined by the needs of each play.

**THEA 142** MUSICAL PRODUCTION 1-4 UNITS  
**HOURS: .5-2 LEC; 1.5-6 LAB** CSU, UC

The rehearsal, performance and staging of musical productions. Theatre activity for the beginner or expert in acting for comedy or needs of each play. For students who desire to act in plays for public performance. Participation will be determined by the needs of each play.

### GENERAL EDUCATION/CORE CLASS IDENTIFICATION

The transfer requirements satisfied by FRC courses for California four-year universities or University of Nevada, Reno are indicated below the unit value of each course. The IGETC pattern applies to both the California State University (CSU) and University of California (UC) Systems, as well as the University of Nevada, Reno. The letters in parentheses indicate any General Education (GE) Breadth area also satisfied. Please refer to the CSU and IGETC transfer patterns (pages 75-77) or meet with an academic advisor for clarification.



## CAMPUS CONTACT INFORMATION

## CAMPUS EXTENSIONS

Call 530-283-0202, or 1-800-442-9799 and the extension:

Accounts Payable.....	231	Gallery (Room 519) .....	357
Adaptive Technology .....	263	Human Resources.....	280,257
Administration of Justice.....	324	Information Services .....	206,210,246, 259
Admissions & Records.....	291, 292, 222, 285	Instruction Office .....	242, 321, 214
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## FEATHER RIVER COLLEGE BOARD OF TRUSTEES/FOUNDATION

The Feather River Community College District Board of Trustees is authorized by Section 72200 et. seq. of the California Education Code to execute any powers delegated by law to it or the District, discharging any duty imposed by law.

It is the objective of the Board of Trustees to provide programs and curricula as outlined in Section 66701 of the California Education Code, and to maintain an academic standard sufficiently high in order to ensure an excellent reputation for the graduates of the District. These standards shall be appropriate to the institutional philosophy of providing the opportunity of further education of any student with a reasonable expectation of learning at the college level.

The Board of Trustees is comprised of six members, five members elected by the residents of five trustee areas and one non-voting student member elected by the students. Eligibility to serve on the Board is established in the Education Code. Elected Board members must be residents of their Districts, at least 18 years of age and registered to vote. The student Board member must be a resident of the state of California at the time of nomination and enrolled for a minimum of six units per semester.

### Board of Trustees

The members, at the time of publication, are as follows:

Mr. John Sheehan, President  
 Ms. Leah West, Vice-President  
 Dr. Kevin Trutna, Board Secretary  
 Mr. Bill Elliott  
 Mr. Guy McNett  
 Dr. Dana Ware  
 Mr. Timothy Kauffman, Student Trustee (2013-14)

### Feather River College Foundation

The Feather River College Foundation is a not-for-profit corporation managed by a Board of Directors comprised of volunteer community leaders.

The Foundation was formed to obtain special resources to benefit the programs and students of Feather River College. As a community organization, the Foundation has the freedom to respond directly to the specific needs of the college with an appreciation of the needs of the community.

The Foundation seeks contributions from individuals and corporations as well as grants from public and private organizations. Priority needs, such as scholarships and instructional equipment, are determined by the Board of Directors in conjunction with college personnel.

### FRC Foundation Board of Directors

The members, at the time of publication, are as follows:

Ms. Kris Miravalle, President	Ms. Nancy Gambell
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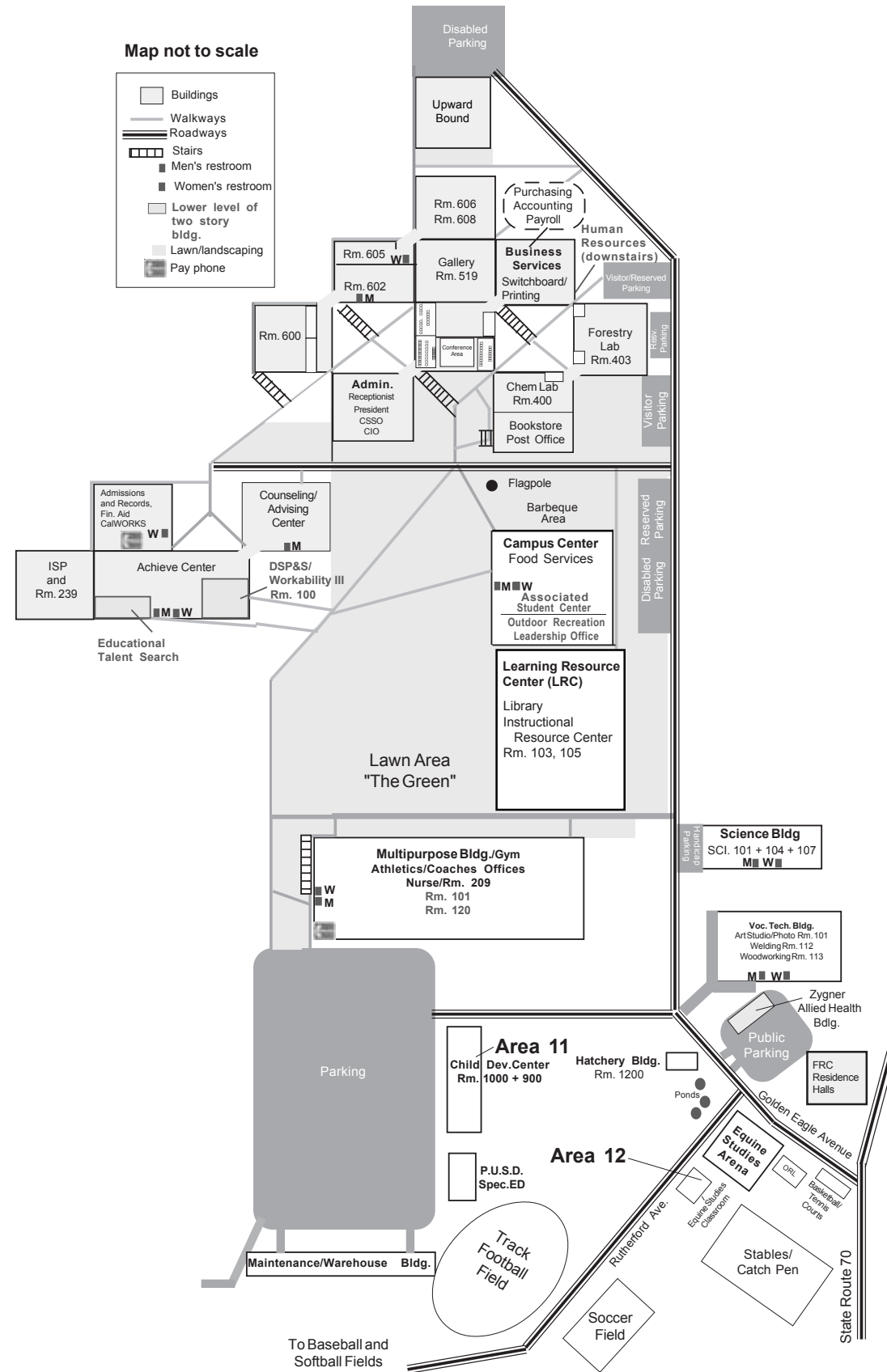
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## CAMPUS MAP



## HOW TO FIND FEATHER RIVER COLLEGE

Feather River College is located in Quincy, California, which is 75 miles from Reno, Nevada, 2 1/2 hours from Sacramento, California, and 5 hours from San Francisco, 9 hours from Los Angeles, and 12 hours from San Diego.



There are several driving routes to Feather River College. From Central California, take State Route 70 North from Oroville.

From Reno, take Interstate 395 North to the turnoff for State Route 70 at Hallelujah Junction.

From the Tahoe area, take State Route 89 North from I-80, to Reno 70, and then turn West.

It may be useful to call Caltrans at 800-427-7623 before undertaking winter or other extended travel. Or contact the FRC Student Outreach Office at 800-442-9799, EXT 315



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