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, or call 1-800-442-9799, ext. 315.

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.
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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.

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.
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 responsibly conduct academic-related pursuits (e.g., file the FAFSA, search and apply for scholarships and jobs, search and apply for transfer)
   - Demonstrating competency in concepts, terminologies, and applications (e.g., word processing, spreadsheets, databases, presentations, and web)
   - Organizing information (e.g., creating and maintaining electronic organization system for files)
   - 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

FEATHER RIVER COLLEGE STUDENT LEARNING OUTCOMES

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 its institutions 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 equestrian facility includes an 80 x 100 ft. heated indoor arena, 150 x 300 ft. outdoor arena, several round pens, and a 70 x 100 ft. turn-back pen for bulls. It consists 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 srtk.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.
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 Sheriff's Office by dialing 911. Criminal actions occurring on campus should be reported immediately and directly by campus authorities to the Plumas County Sheriff'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. At this site search on: Feather River Community College District, Quincy, California
ADMISSIONS

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 in 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 receipt(s)) 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”)

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).

Any 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 available at 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.

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 are required to enroll 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. Information on the estimated cost of attendance at FRC is found at 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.
**Complete the Online Orientation on our website: 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.

**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.

**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 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.

**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.

**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. 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.

**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.
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, non-transferable credit
- 400-499 Junior level transferable
- 500-599 Senior level transferable
- 600-699 Master's level transferable
- 700-799 Doctoral level transferable

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. 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.

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 a 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 requests 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.

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<thead>
<tr>
<th>Grade</th>
<th>Grade points per unit</th>
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<tbody>
<tr>
<td>A</td>
<td>4.0</td>
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<tr>
<td>A-</td>
<td>3.7</td>
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<tr>
<td>B+</td>
<td>3.3</td>
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<tr>
<td>B</td>
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<td>D</td>
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<td>F</td>
<td>0.0</td>
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<tr>
<td>FW</td>
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</tbody>
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The following designations are not included in computing grade point averages (GPA), but may be used in determining progress probation and dismissal.

- **P** Pass (at least satisfactory, units not counted in GPA)
- **NP** No pass (less than satisfactory, units not counted in GPA)
- **I** Incomplete (units not counted in GPA)
- **IP** In progress (class extends beyond term)
- **RD** Report delayed (units not counted in GPA)
- **W** 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.

**Grade Point Average**

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

\[
GPA = \frac{Total\ points}{Total\ gpa\ hours}
\]

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.

*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:

\[
GPA = \frac{Total\ points}{Total\ gpa\ hours}
\]

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.

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

- Honors 3.2 to 3.399 GPA
- High Honors 3.4 to 3.599 GPA
- Highest Honors 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 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. 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.

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.

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.

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.

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 count 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 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.

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

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.

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. 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 Warning
Students on Financial Aid Warning for a semester are expected to regain Financial Aid Satisfactory Academic Progress status by the end of that semester. Students on Financial Aid Warning who are given Academic Plans as part of the appeal decision by email. Committee decisions are final.

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.

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.
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.

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 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.

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.

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.

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.
STUDENT AND INSTRUCTIONAL SERVICES

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 nutritious 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.
THE 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.

FEATHER RIVER COLLEGE 2014 - 2016 CATALOG

STUDENT AND INSTRUCTIONAL SERVICES

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. 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 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 ASRFC 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
- 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/studentservices/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 and Progress Probation Status

<table>
<thead>
<tr>
<th>Academic Probation 1 (on Probation for the 1st time)</th>
<th>Removal from Academic Probation 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Academic Probation 2 (on Probation for a 2nd semester)</th>
<th>Removal from Academic Probation 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>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)</td>
</tr>
</tbody>
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<tr>
<th>Progress Probation</th>
<th>Removal from Progress Probation</th>
</tr>
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<tr>
<td>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.</td>
<td>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)</td>
</tr>
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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.

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 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).

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.

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.

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 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.

Basis for Disqualification

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

Students who are on Academic or Progress Warning semester.

Basis for FA Disqualification

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

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.

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.
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.

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.

In order to maintain accurate records, administrators who receive a written complaint/grievance must provide a copy of the Grievance Form, which can be obtained from the Student Services Office.

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.

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 (21 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.

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, software, 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 policies 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 21411. 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.
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)
   • 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
  - Math 018, 110, 116, 202, 218, 220

#### C HUMANITIES

**3 UNITS**

- **C1** - ART: ART 100, 107, 109, 116, 117, 122, 166, 172, 174
- **C2** - American Sign Language (ASL) 130, 132
- **C3** - Early Childhood Education (ECE) 166
- **C4** - English (ENGL) 128, 170, 180, 228, 246, 246, 252, 254, 256, 257, 277
- **C5** - Environmental Studies (ENVR) 102
- **C6** - French (FRN) 101, 102
- **C7** - Humanities (HUMN) 100, 101, 110, 112, 128
- **C8** - Music (MUS) 101, 110
- **C9** - Philosophy (PHIL) 100, 101, 102, 103
- **C10** - Spanish (SPAN) 101, 102
- **C11** - Theatre (THEA) 105, 106

#### D SOCIAL AND BEHAVIORAL SCIENCE

**3 UNITS**

- **D1** - Administration of Justice (ADMJ) 102, 112, 203
- **D2** - Anthropology (ANTH) 100, 103, 106, 120, 150
- **D3** - Biology (BIOL) 135
- **D4** - Business (BUS) 106, 108
- **D5** - Early Childhood Education (ECE) 153, 160, 162
- **D6** - Geography (GEOG) 104, 150
- **D7** - History Institute (HIST) 102, 104, 108, 109, 110, 111, 112, 120, 130, 140, 160
- **D8** - Outdoor Recreation Leadership (ORL) 110
- **D9** - Political Science (POL) 101, 140, 160
- **D10** - Political Science/Environmental Studies (POL/ENVR) 180
- **D11** - Psychology (PSY) 102, 130
- **D12** - Sociology (SOC) 100, 102, 110, 150, 160

#### E AMERICAN INSTITUTIONS

**3 UNITS**

- **E1** - History (HIST) 108, 110, 140
- **E2** - 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 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

- **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

- **C1** - ART: ART 100, 109, 116, 117, 122, 166, 172, 174
- **C2** - American Sign Language (ASL) 130, 132
- **C3** - English (ENGL) 170, 180, 228, 246, 246, 252, 254, 256, 257, 277
- **C4** - French (FRN) 101, 102
- **C5** - Humanities (HUMN) 100, 101, 128, MUS 101, 170, THEA 105, 106
- **C6** - Spanish (SPAN) 101, 102
- **C7** - Theatre (THEA) 105, 106

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

- **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, PSI 130, SOC 100
- **D5** - Geography: GEOG 104, 150
- **D7** - Interdisciplinary Social or Behavioral Science:
- **D8** - Political Science, Government and Legal Institutions: ADMJ 102, POL 101, 130
- **D9** - Psychology: ECE 153, 162, PSI 102

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

- **E1** - AGEQ 103, BIOL 135, HES 100, 113, 120, HES/NCA 170, PSI 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)

- **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

- Group A: English Composition - 3 units
  - English 101

- Group B: Critical Thinking - 3 units
  - English 103

**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


**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:**
  - 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

**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
- **4C:** History 120, Sociology 100
- **4D:** Geography 104, 150
- **4E:** History 108, 109, 110, 111, 112, 120, 130, 140, Sociology 100
- **4F:** Political Science 101, 130, 140
- **4G:** Early Childhood Education 162, Psychology 102
- **4H:** 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)

*Indicates that transfer credit may be limited by either UC or CSU or both. Please see Assist for details at www.assist.org
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

AREA 2: MATHEMATICS  |  3-4 UNITS
Math 108 and 110, 116, 218, 220

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

AREA 4: SOCIAL SCIENCE  |  3 UNITS
Anthropology 100, 106
Business 106, 108
Geography 104
Political Science 140
Psychology 102
Sociology 102

AREA 5: FINE ARTS  |  3 UNITS
Art/Humanities 100
English/Humanities 128
Humanities 101

AREA 6: DIVERSITY  |  3 UNITS
Will be satisfied with senior year capstone coursework.

AREA 7: WESTERN TRADITION  |  9-12 UNITS
History 102* 3 units
History 104 3 units
History 108 3 units
Or:
Political Science 101 3 units
History 109 3 units
History 111 3 units
History 112 3 units
*An additional Western Tradition class will be required at UNR.

INTEGRATED CAPSTONE COURSES  |  6 UNITS
Upper division core curriculum classes that must be completed at UNR.
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.
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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMJ 108 Introduction to Investigation</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 126 Forensic Crime Scene Investigation</td>
<td>3</td>
</tr>
<tr>
<td>ANT 120 Introduction to Forensic Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ART 150 Introduction to Digital Forensics</td>
<td>3</td>
</tr>
</tbody>
</table>

- OR -

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICT 141 Introduction to Digital Imaging</td>
<td>3</td>
</tr>
<tr>
<td>ICT 151 Video Production</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 100 Physical Anthropology and Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 100 Concepts in Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 110 Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 102 General Chemistry I</td>
<td>5</td>
</tr>
</tbody>
</table>

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

ASSOCIATE IN SCIENCE: ADMINISTRATION OF JUSTICE FOR TRANSFER

Major Core Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMJ 102 Introduction to Administration of Justice</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 204 Criminal Law and Procedure</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMJ 105 Community and Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 106 Introduction to Evidence</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 108 Introduction to Investigation</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 105 Community and Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 106 Introduction to Evidence</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 114 Juvenile Justice</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 120 Introduction to Corrections</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 126 Crime Scene Investigation</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 102 Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 102 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 112 Introduction to Criminology</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 116 Vice, Narcotics and Organized Crime</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 118 Police Field Operations</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 125 Wildlife Laws and Issues</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 128 Introduction to Terrorism</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 203 Introduction to Multiculturalism</td>
<td>3</td>
</tr>
</tbody>
</table>

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

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.

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.
### 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

<table>
<thead>
<tr>
<th>Course</th>
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<th>Units</th>
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<tr>
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<tr>
<td>AG 271</td>
<td>Agriculture Education and Employment</td>
<td>.5</td>
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<tr>
<td>AG 272</td>
<td>Introduction to Agriculture Business</td>
<td>3</td>
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<tr>
<td>AG 273</td>
<td>Agriculture Sales &amp; Communication</td>
<td>3</td>
</tr>
<tr>
<td>AG 274</td>
<td>Agriculture Computer Applications</td>
<td>3</td>
</tr>
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<td>AG 275</td>
<td>Farm Management</td>
<td>3</td>
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<td>AGMA 108</td>
<td>Tractor Operation</td>
<td>3</td>
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<td>AGMA 116</td>
<td>Agriculture Welding</td>
<td>3</td>
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<td>AGMA 146</td>
<td>Introductory Agriculture Structural Technology</td>
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<td>Introduction to Mechanized Agriculture</td>
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#### Agricultural Science

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<td>AG 271</td>
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<td>AG 273</td>
<td>Animal Feeds and Nutrition</td>
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<td>AGEQ 103</td>
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<td>AGEQ 106</td>
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#### Agriculture Electives

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<td>AG 299</td>
<td>Special Topics in Agriculture</td>
<td>1-4</td>
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<td>AGEQ 140</td>
<td>Introduction to Equine Behavior &amp; Training</td>
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<td>AGEQ 141</td>
<td>Equine Behavior &amp; Training</td>
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<td>Handling and Care of the Foal, Weanling and Yearling Horse-Fall</td>
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<td>Principles of Economics-Macro</td>
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<td>BUS 115</td>
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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

<table>
<thead>
<tr>
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<td>OR AGAS 125</td>
<td>Animal Feeds and Nutrition</td>
<td>3</td>
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<td>AGEQ 102</td>
<td>Draft Horse Driving I</td>
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<td>AGEQ 103</td>
<td>Elements of Equine Science</td>
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<td>Western Equitation I</td>
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<td>AGEQ 115</td>
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<td>AGEQ 116</td>
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<tr>
<td>AGEQ 123</td>
<td>Introduction to Farrier Science</td>
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<td>Introduction to Equine Behavior &amp; Training</td>
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</tr>
<tr>
<td>AGEQ 141</td>
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<td>Training Young Horses Under Saddle-Fall</td>
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<td>AGEQ 214</td>
<td>Handling &amp; Care of the Foal, Weanling, &amp; Yearling Horse-Fall</td>
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<tr>
<td>OR AGEQ 215</td>
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<td>OR AG 299</td>
<td>Special Topics in Agriculture</td>
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<td>OR AGEQ 296-299</td>
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### Major Electives

(Select 1 or more concentrations from below)

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<th>Major Electives</th>
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<td><strong>Pack Skills</strong></td>
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<td><strong>Ranch Skills</strong></td>
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<td>AGEQ 212</td>
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<td>AGEQ 226</td>
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<td><strong>Horse Training Skills</strong></td>
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<td>OR AGEQ 181</td>
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<tr>
<td>AGEQ 186</td>
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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

<table>
<thead>
<tr>
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<th>Course Name</th>
<th>Units</th>
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<tr>
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<td>AGEQ 102</td>
<td>Elements of Equine Science</td>
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<td>AGEQ 103</td>
<td>Western Equitation I</td>
<td>2</td>
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<tr>
<td>AGEQ 104</td>
<td>Horse Conformation &amp; Judging</td>
<td>1</td>
</tr>
<tr>
<td>AGEQ 106</td>
<td>Western Equitation II</td>
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<tr>
<td>AGEQ 115</td>
<td>Elements of Horse Training I</td>
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<td>AGEQ 116</td>
<td>Elements of Horse Training II</td>
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<tr>
<td>AGEQ 123</td>
<td>Introduction to Farrier Science</td>
<td>1</td>
</tr>
<tr>
<td>AGEQ 140</td>
<td>Introduction to Equine Behavior &amp; Training</td>
<td>2</td>
</tr>
<tr>
<td>AGEQ 141</td>
<td>Equine Behavior &amp; Training</td>
<td>2</td>
</tr>
<tr>
<td>AGEQ 142</td>
<td>Training Young Horses Under Saddle Fall</td>
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<tr>
<td>AGEQ 180</td>
<td>Rodeo Skills &amp; Techniques – Men</td>
<td>2</td>
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<tr>
<td>AGEQ 181</td>
<td>Rodeo Skills &amp; Techniques – Women</td>
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<tr>
<td>AGEQ 182</td>
<td>Intercollegiate Rodeo</td>
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<tr>
<td>AGEQ 184</td>
<td>Advanced Intercollegiate Rodeo</td>
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<tr>
<td>AGEQ 186</td>
<td>Rodeo Production</td>
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<tr>
<td>AGEQ 204</td>
<td>Training Horse for Sale and Show</td>
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<td>Training Young Horses Under Saddle Fall</td>
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<td>AGEQ 214</td>
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<tr>
<td>AG 271</td>
<td>Ranch Horsemanship</td>
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<tr>
<td>AGEQ 225</td>
<td>Rodeo Production</td>
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<tr>
<td>AGEQ 296-299</td>
<td>Special Projects and/or Topics in Equine Studies</td>
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Electives

Elective units selected from Agriculture or Equine Studies course list: 7

Total Certificate Requirements: 30

### Certificate of Specialization

#### General Agriculture

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<tr>
<td>AGAB 110</td>
<td>Introduction to Agricultural Business</td>
<td>3</td>
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<tr>
<td>AGAB 150</td>
<td>Computer Applications in Agriculture</td>
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<tr>
<td>AGAS 120</td>
<td>Principles of Animal Science</td>
<td>3</td>
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<tr>
<td>AGAB 188</td>
<td>Farm Management</td>
<td>3</td>
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<tr>
<td>AGMA 084</td>
<td>Ranching Operations: Fencing/Irrigation</td>
<td>3</td>
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<tr>
<td>AGMA 108</td>
<td>Introduction to Tractor Operation</td>
<td>3</td>
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<td>Agriculture Welding</td>
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<td>Beginning Agriculture Metal Fabrication</td>
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<td>Introduction to Mechanized Agriculture</td>
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<tr>
<td>AGPS 210</td>
<td>Introduction to Soil Science</td>
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<tr>
<td>BUS 130</td>
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Total Certificate Requirements: 15.5
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<tr>
<td>AGAB 188</td>
<td>Farm Management</td>
<td>3</td>
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<tr>
<td>AGA 146</td>
<td>Introductory Agriculture Structural Technology</td>
<td>3</td>
</tr>
<tr>
<td>AGMA 140</td>
<td>Beginning Agriculture Metal Fabrication</td>
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<td>Agriculture Welding</td>
<td>3</td>
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<tr>
<td>AGMA 108</td>
<td>Tractor Operation</td>
<td>3</td>
</tr>
<tr>
<td>AGMA 084</td>
<td>Ranching Operations; Fencing/Irrigation</td>
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Choose 4 of the following:

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

**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

<table>
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<tr>
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<th>Course Title</th>
<th>Units</th>
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<tr>
<td>AG 271</td>
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<tr>
<td>AGAB 188</td>
<td>Farm Management</td>
<td>3</td>
</tr>
<tr>
<td>AGEQ 103</td>
<td>Western Equitation I</td>
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<td>AGEQ 106</td>
<td>Western Equitation II</td>
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<tr>
<td>AGEQ 107</td>
<td>Elements of Pack Station &amp; Stable Operations</td>
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<td>AGEQ 108</td>
<td>Fundamentals Pack Station &amp; Stable Operations Field Experience</td>
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**Total Certificate Requirements** .......................................................... 15

### Fundamentals of Horse Training Skills

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<td>AGEQ 141</td>
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<td>AGEQ 204</td>
<td>Training Young Horses Under Saddle - Fall</td>
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**Total Certificate Requirements** .......................................................... 14.5

### Fundamentals of Rodeo Techniques

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<td>AGEQ 182</td>
<td>Intercollegiate Rodeo</td>
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<td>AGEQ 184</td>
<td>Advanced Intercollegiate Rodeo</td>
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<tr>
<td>AGEQ 180</td>
<td>Rodeo Skills &amp; Techniques Men's'</td>
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<tr>
<td>OR AGEQ 181</td>
<td>Rodeo Skills &amp; Techniques Women's'</td>
<td>2</td>
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<tr>
<td>AGEQ 186</td>
<td>Rodeo Production</td>
<td>1</td>
</tr>
<tr>
<td>AGEQ 280</td>
<td>Advanced Rodeo Skills &amp; Techniques Men's'</td>
<td>2</td>
</tr>
<tr>
<td>OR AGEQ 281</td>
<td>Advanced Rodeo Skills &amp; Techniques Women's'</td>
<td>2</td>
</tr>
<tr>
<td>AG 270</td>
<td>Fundamentals of Agriculture Education &amp; Employment</td>
<td>5</td>
</tr>
<tr>
<td>AG 271</td>
<td>Agriculture Education &amp; Employment</td>
<td>5</td>
</tr>
<tr>
<td>AG 295</td>
<td>Community Service Learning in Agriculture</td>
<td>2</td>
</tr>
<tr>
<td>OR AGEQ 296</td>
<td>Special Projects and/or Topics in Equine Studies</td>
<td>2</td>
</tr>
</tbody>
</table>

**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 get 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.

ASSOCIATE OF ARTS FOR TRANSFER IN ANTHROPOLOGY

Major Core Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 100</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 120</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 130</td>
<td>3</td>
</tr>
<tr>
<td>ANT 103</td>
<td>3</td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>ANTH 120L</td>
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<tr>
<td>MATH 202</td>
<td>4</td>
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</table>

List B (Select 3-5 units from below)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>GEOL 102</td>
<td>4</td>
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<tr>
<td>BIOL 110</td>
<td>3</td>
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</table>

List C (Select 3 units from below)

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 103</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 150</td>
<td>3</td>
</tr>
<tr>
<td>ADMJ 203</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 104</td>
<td>3</td>
</tr>
<tr>
<td>SOC 102</td>
<td>3</td>
</tr>
</tbody>
</table>

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.

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 102</td>
<td>Biochemistry, Cell &amp; Molecular Biology &amp; Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 104</td>
<td>Animal Biology, Evolution and Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 106</td>
<td>Plant Biology, Evolution and Ecology</td>
<td>4</td>
</tr>
<tr>
<td>MATH 202</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 110</td>
<td>Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 112</td>
<td>Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 210</td>
<td>General Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>ENVR 142</td>
<td>Introduction to Environmental Science</td>
<td>3</td>
</tr>
<tr>
<td>ENVR 142L</td>
<td>Environmental Science Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVR 240</td>
<td>Introduction to Wildlife</td>
<td>3</td>
</tr>
</tbody>
</table>

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

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

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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 102</td>
<td>General Chemistry 1</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 104</td>
<td>General Chemistry 2</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 106</td>
<td>Introduction to Organic Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>ENGL 180</td>
<td>Nature Literature in America</td>
<td>3</td>
</tr>
<tr>
<td>HIST 150</td>
<td>Environmental History</td>
<td>3</td>
</tr>
<tr>
<td>MATH 218</td>
<td>Calculus 1</td>
<td>4</td>
</tr>
<tr>
<td>MATH 220</td>
<td>Calculus 2</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 102</td>
<td>Physics 1</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 104</td>
<td>Physics 2</td>
<td>4</td>
</tr>
</tbody>
</table>

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

**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
- 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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 100</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 102</td>
<td>Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 104</td>
<td>Managerial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 106</td>
<td>Principles of Economics-Macro</td>
<td>3</td>
</tr>
<tr>
<td>BUS 108</td>
<td>Principles of Economics-Micro</td>
<td>3</td>
</tr>
<tr>
<td>BUS 115</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>BUS 116</td>
<td>Human Relations in Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 140</td>
<td>Marketing</td>
<td>3</td>
</tr>
<tr>
<td>BUS 170</td>
<td>Spreadsheet Training-Excel</td>
<td>1.5</td>
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</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BUS 118</td>
<td>Personal Finance</td>
</tr>
<tr>
<td>BUS 130</td>
<td>Small Business Management</td>
</tr>
<tr>
<td>BUS 132</td>
<td>Bookkeeping</td>
</tr>
<tr>
<td>ICT 101</td>
<td>Computer Literacy</td>
</tr>
<tr>
<td>OR ICT 111</td>
<td>Introduction to Computer Technology</td>
</tr>
</tbody>
</table>

**Total Associate Degree Requirements**
- 30.5 units

**Recommended General Education Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 119</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>MATH 202</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>
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

**Major Core Requirements**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 100</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 102</td>
<td>Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 104</td>
<td>Managerial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 106</td>
<td>Principles of Economics-Macro</td>
<td>3</td>
</tr>
<tr>
<td>BUS 108</td>
<td>Principles of Economics-Micro</td>
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</tr>
<tr>
<td>BUS 115</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>ICT 101</td>
<td>Computer Literacy</td>
<td>3</td>
</tr>
<tr>
<td>ICT 111</td>
<td>Introduction to Computer Technology</td>
<td></td>
</tr>
<tr>
<td>MATH 218</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>OR MATH 202</td>
<td>Elementary Statistics</td>
<td></td>
</tr>
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</table>

Total Major Requirements: 27-28

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.

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CERTIFICATES OF ACHIEVEMENT

**Accounting Management**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 102</td>
<td>Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 104</td>
<td>Managerial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 118</td>
<td>Personal Finance</td>
<td>3</td>
</tr>
<tr>
<td>BUS 170</td>
<td>Spreadsheet</td>
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Total Certificate Requirements: 12.5

**Small Business Management**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 130</td>
<td>Small Business Management</td>
<td>3</td>
</tr>
<tr>
<td>BUS 102</td>
<td>Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>OR BUS 132</td>
<td>Bookkeeping</td>
<td>3</td>
</tr>
<tr>
<td>BUS 116</td>
<td>Human Relations in Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 140</td>
<td>Marketing</td>
<td>3</td>
</tr>
<tr>
<td>BUS 115</td>
<td>Business Law</td>
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</tr>
<tr>
<td>BUS 170</td>
<td>Spreadsheet</td>
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Total Certificate Requirements: 16.5-17.5

**Business Management**

<table>
<thead>
<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>BUS 106</td>
<td>Macroeconomics</td>
<td>3</td>
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<tr>
<td>OR BUS 108</td>
<td>Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>BUS 115</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>BUS 116</td>
<td>Human Relations in Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 140</td>
<td>Marketing</td>
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Total Certificate Requirements: 16

**General Business**

<table>
<thead>
<tr>
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</thead>
<tbody>
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<td>BUS 102</td>
<td>Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 104</td>
<td>Managerial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 106</td>
<td>Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>BUS 108</td>
<td>Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>BUS 115</td>
<td>Business Law</td>
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</tbody>
</table>

Total Certificate Requirements: 17

**Certificate of Specialization**

**Accounting**

<table>
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<tr>
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<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>BUS 102</td>
<td>Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 104</td>
<td>Managerial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 118</td>
<td>Personal Finance</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Certificate Requirements: 8

**Small Business**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 130</td>
<td>Small Business Management</td>
<td>3</td>
</tr>
<tr>
<td>BUS 140</td>
<td>Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Certificate Requirements: 6
Management
BUS 116 Human Relations in Business 3
BUS 100 Introduction to Business 3
OR BUS 130 Small Business Management 3

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

Finance
BUS 118 Personal Finance 3
BUS 102 Financial Accounting 4
OR BUS 132 Bookkeeping 3

Total Certificate Requirements ................................................................. 6-7

Economics
BUS 106 Macroeconomics 3
BUS 108 Microeconomics 3

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

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

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

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.
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.

**Major Core Requirements**

- ECE 150 Observation and Assessment 3
- ECE 152 Introduction to Curriculum 3
- ECE 153 Child, Family and Community 3
- ECE 157 Principles and Practices of Teaching Young Children 3
- ECE 158 Practicum 3
- ECE 159 Health, Safety and Nutrition 3
- ECE 160 Teaching in a Diverse Society 3
- ECE 162 Child Growth and Development 3

**Additional Requirements**

- ECE 051 Administration of Programs for Young Children 3
- OR ECE 055 Supervision: Parent/Staff Relations 3
- ECE 080 Pediatric First Aid/CPR .5
- ECE 098 Succeeding in an ECE Career 1.5
- ECE 154 Creative Activities for Children 3

**Major Electives**

(Select 4 units from below)

- ECE 040 Administering the Early Childhood Rating Scale 1
- ECE 051 Administration of Programs for Young Children 3
- ECE 055 Supervision: Parent/Staff Relations 3
- ECE 061 Infant/Toddler Care and Learning 3
- ECE 063 Programs for School-Age Children 3
- ECE 072 Science Curriculum for the Young Child 1
- ECE 075 Math Curriculum for the Young Child 1
- ECE 081 Child Health and Safety 5
- ECE 083 Children’s Storytelling and Puppetry 1
- ECE 085 Emerging Literacy 1
- ECE 087 Dual Language Learners 1
- ECE 088 Quality Improvement in ECE Programs 3
- ECE 140 Teaching Young Children with Special Needs 3
- ECE 156 Mentoring/Supervising Adults in the Classroom 2
- ECE 166 Music with Children 3
- ECE 291 Directed Study 1-3
- ECE 299 Special Topics 5-4
- CWEE 120 Cooperative Work Experience ECE 1-4

**Total Major Requirements**

36 units

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 150</td>
<td>Observation and Assessment</td>
<td>3</td>
</tr>
<tr>
<td>ECE 152</td>
<td>Introduction to Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>ECE 153</td>
<td>Child, Family and Community</td>
<td>3</td>
</tr>
<tr>
<td>ECE 157</td>
<td>Principles and Practices of Teaching Young Children</td>
<td>3</td>
</tr>
<tr>
<td>ECE 158</td>
<td>Practicum</td>
<td>3</td>
</tr>
<tr>
<td>ECE 159</td>
<td>Health, Safety and Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>ECE 160</td>
<td>Teaching in a Diverse Society</td>
<td>3</td>
</tr>
<tr>
<td>ECE 162</td>
<td>Child Growth and Development</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 152</td>
<td>Introduction to Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>OR ECE 154</td>
<td>Creative Activities for Children</td>
<td>3</td>
</tr>
<tr>
<td>ECE 153</td>
<td>Child, Family and Community</td>
<td>3</td>
</tr>
<tr>
<td>ECE 157</td>
<td>Principles and Practices</td>
<td>3</td>
</tr>
<tr>
<td>OR ECE 158</td>
<td>Practicum</td>
<td>3</td>
</tr>
<tr>
<td>ECE 162</td>
<td>Child Growth and Development</td>
<td>3</td>
</tr>
</tbody>
</table>

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

Administration of ECE Programs

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 051</td>
<td>Administration of Programs for Young Children</td>
<td>3</td>
</tr>
<tr>
<td>ECE 055</td>
<td>Supervision: Parent/Staff Relations</td>
<td>3</td>
</tr>
<tr>
<td>ECE 156</td>
<td>Mentoring and Supervising Adults in the Classroom</td>
<td>2</td>
</tr>
</tbody>
</table>

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

Child Care Entrepreneurship

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 121</td>
<td>Introduction to Entrepreneurship</td>
<td>1</td>
</tr>
<tr>
<td>BUS 122</td>
<td>Entrepreneurial Marketing</td>
<td>1.5</td>
</tr>
<tr>
<td>BUS 123</td>
<td>Financial Management for Entrepreneurs</td>
<td>2</td>
</tr>
<tr>
<td>BUS 124</td>
<td>Preparing Effective Business Plans</td>
<td>1.5</td>
</tr>
</tbody>
</table>

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

ECE 051  Administration of Programs for Young Children | 3
OR ECE 055 Supervision: Parent/Staff Relations | 3
ECE 152  Introduction to Curriculum | 3
OR ECE 154 Creative Activities for Children | 3
ECE 153  Child, Family, Community | 3
OR ECE 159 Health, Safety, Nutrition | 3

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

Master Teacher - Special Needs

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 140</td>
<td>Teaching Young Children with Special Needs</td>
<td>3</td>
</tr>
<tr>
<td>ASL 130</td>
<td>Beginning American Sign Language I</td>
<td>3</td>
</tr>
<tr>
<td>OR ASL132</td>
<td>Beginning American Sign Language II</td>
<td>3</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 072</td>
<td>Science Curriculum for the Young Child</td>
<td>1</td>
</tr>
<tr>
<td>ECE 075</td>
<td>Math Curriculum for the Young Child</td>
<td>1</td>
</tr>
<tr>
<td>ECE 083</td>
<td>Children's Storytelling and Puppetry</td>
<td>1</td>
</tr>
<tr>
<td>ECE 085</td>
<td>Emerging Literacy</td>
<td>1</td>
</tr>
<tr>
<td>ECE 154</td>
<td>Creative Activities for Children</td>
<td>3</td>
</tr>
<tr>
<td>ECE 166</td>
<td>Music with Children</td>
<td>3</td>
</tr>
</tbody>
</table>

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

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

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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 100</td>
<td>Concepts in Biology</td>
<td>4</td>
</tr>
<tr>
<td>OR BIOL 102</td>
<td>Cell and Molecular Biology</td>
<td>4</td>
</tr>
<tr>
<td>ECE 153</td>
<td>Child, Family and Community</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 101</td>
<td>Composition and Reading I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 118</td>
<td>Small Group Communication</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 120</td>
<td>Speech</td>
<td>3</td>
</tr>
<tr>
<td>HIST 108</td>
<td>The U.S. to 1877</td>
<td>3</td>
</tr>
<tr>
<td>OR HIST 110</td>
<td>The U.S. From 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 109</td>
<td>Ancient Civilizations</td>
<td>3</td>
</tr>
<tr>
<td>HIST 111</td>
<td>Medieval and Early Civilizations</td>
<td>3</td>
</tr>
<tr>
<td>HUMN 112</td>
<td>Introduction to Humanities: Renaissance to the Present</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 101</td>
<td>Logic</td>
<td>3</td>
</tr>
<tr>
<td>PHSC 100</td>
<td>The Physical Universe</td>
<td>4</td>
</tr>
<tr>
<td>POL 101</td>
<td>Government and Politics in the U.S.</td>
<td>3</td>
</tr>
<tr>
<td>THEA 105</td>
<td>Introduction to Acting</td>
<td>3</td>
</tr>
</tbody>
</table>

The following courses are non-general education applicable:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 200</td>
<td>Introduction to Elementary Education</td>
<td>3</td>
</tr>
<tr>
<td>MATH 150</td>
<td>Concepts and Structures of Mathematics for Educators</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Requirements: 44

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 100</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ECE 154</td>
<td>Creative Activities for Children</td>
<td>3</td>
</tr>
<tr>
<td>OR ECE 166</td>
<td>Music with Children</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 150</td>
<td>California Geography</td>
<td>3</td>
</tr>
<tr>
<td>POL 140</td>
<td>Multi Ethnic America</td>
<td>3</td>
</tr>
<tr>
<td>MATH 152</td>
<td>Structures of Mathematical Problem Solving and Geometry</td>
<td>3</td>
</tr>
</tbody>
</table>

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
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.

Major Core Requirements

- ENGL 102 Introduction to Literature 3 units
- ENGL 103 Critical Thinking and Writing 3 units
- List A (Select 6 units from below)
  - ENGL 252 American Literature I 3 units
  - ENGL 254 American Literature II 3 units
  - ENGL 256 Survey of English Literature I 3 units
  - ENGL 257 Survey of English Literature II 3 units

Major Elective Requirements

- List B (Take the following course, or an unused course from List A - 3 units)
  - ENGL 170 Creative Writing 3 units
- 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 units
  - ASL 132 Beginning American Sign Language II 3 units
  - BUS 120 English for the Professional 3 units
  - ENGL 150 Introduction to Newspaper Writing, Editing, and Production 3 units
  - ENGL 180 Nature Writing in America 3 units
  - ENGL 228 Novel and Film 3 units
  - ENGL 245 Contemporary Literature 3 units
  - ENGL 246 Women’s Literature 3 units
  - ENGL 277 Introduction to Shakespeare 3 units
  - FRN 101 Beginning French I 4 units
  - FRN 102 Beginning French II 4 units
  - HUMN 110 Introduction to Humanities I 3 units
  - HUMN 112 Introduction to Humanities II 3 units
  - SPAN 101 Beginning Spanish I 4 units
  - SPAN 102 Beginning Spanish II 4 units

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.
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 offer 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!

ASSOCIATE IN SCIENCE

Major Core Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVR 103</td>
<td>Professional Seminar in Environmental Studies</td>
<td>1</td>
</tr>
<tr>
<td>ENVR 142</td>
<td>Introduction to Environmental Science</td>
<td>3</td>
</tr>
<tr>
<td>ENVR 142L</td>
<td>Introduction to Environmental Science Lab</td>
<td>1</td>
</tr>
<tr>
<td>ENVR 251</td>
<td>Ecosystem Management</td>
<td>2</td>
</tr>
<tr>
<td>ENVR 280</td>
<td>Professional Development in Environmental Studies</td>
<td>1</td>
</tr>
</tbody>
</table>

Natural Resource Management (Select 1 course from below)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVR 160</td>
<td>Watershed Protection and Restoration</td>
<td>3</td>
</tr>
<tr>
<td>ENVR 220</td>
<td>Introduction to Forestry</td>
<td>3</td>
</tr>
<tr>
<td>ENVR 240</td>
<td>Introduction to Wildlife</td>
<td>3</td>
</tr>
<tr>
<td>ENVR 264</td>
<td>Introduction to Fish</td>
<td>4</td>
</tr>
</tbody>
</table>

Physical Science (Select 1 course from below)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVR 210</td>
<td>Introduction to Soil Science</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 102</td>
<td>Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 102</td>
<td>General Chemistry</td>
<td>4</td>
</tr>
</tbody>
</table>

Biological Science (Select 1 course from below)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 104</td>
<td>Animal Biology, Evolution and Ecology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 106</td>
<td>Plant Biology, Evolution and Ecology</td>
<td>4</td>
</tr>
</tbody>
</table>

Social Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVR/POLS 180</td>
<td>Environmental Policy</td>
<td>3</td>
</tr>
</tbody>
</table>

Major Elective Requirements (Select 9 units from below)

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

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) ................................................................. 12
- 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

Forestry Technician (Select 12 units from below) ................................................................................. 12
- 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

Hydrologic Technician (Select 12 units from below) ............................................................................. 12
- *ENVR 160 Watershed Protection and Restoration* (required) 3
- BIOL 100 Concepts in Biology 4
- 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

Hatchery Technician (Select 17-19 units from below) ........................................................................... 17-19
- 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 ............................................................................................................. 12

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

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

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.

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

Required FRC A.A. General Education 24
Required Degree (Area of Emphasis) 18
Electives 18
Total Major Requirements .......................................................................................................................60

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)

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>ASL 130</td>
<td>Beginning ASL I</td>
<td>3</td>
</tr>
<tr>
<td>ASL 132</td>
<td>Beginning ASL II</td>
<td>3</td>
</tr>
<tr>
<td>FREN 101</td>
<td>Beginning French I</td>
<td>4</td>
</tr>
<tr>
<td>FREN 102</td>
<td>Beginning French II</td>
<td>4</td>
</tr>
<tr>
<td>FREN 201</td>
<td>Intermediate French I</td>
<td>4</td>
</tr>
<tr>
<td>SPAN 101</td>
<td>Beginning Spanish I</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 102</td>
<td>Beginning Spanish II</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 201</td>
<td>Intermediate Spanish I</td>
<td>3</td>
</tr>
</tbody>
</table>

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)

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

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HES 133</td>
<td>Introduction to Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 110</td>
<td>Human Anatomy with Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 112</td>
<td>Human Physiology with Lab</td>
<td>4</td>
</tr>
</tbody>
</table>

Movement Based Courses
Courses are currently being articulated. (See HES faculty for details)

Total Units Core ............................................................................................................................................. 14
Major Elective Units
Choose 2 courses from the following list of electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH 202</td>
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<tr>
<td>CHEM 102</td>
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<td>CHEM 104</td>
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<td>PHYS 102</td>
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<td>PHYS 104</td>
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<td>PHYS 202</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 204</td>
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</table>

(10 courses selected, totaling 40 units)

Major Elective Units
Choose 2 courses from the following list of electives

<table>
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<tr>
<th>Course</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH 202</td>
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<td>PHYS 202</td>
<td>4</td>
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<td>PHYS 204</td>
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</tbody>
</table>

(10 courses selected, totaling 40 units)

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

Major Core Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<td>HES 133</td>
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<td>HES 141</td>
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<td>HES 143</td>
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<tr>
<td>HES 172</td>
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<td>HES 194</td>
<td>3</td>
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<td>HES 220</td>
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<td>BIOL 110</td>
<td>4</td>
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<tr>
<td>HES/HLTH 100</td>
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</table>

Health and Exercise Studies Electives

Courses are currently being articulated. (See HES Faculty for details)

Total Major Requirements ...............................................................................................................22

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

Health and Exercise Studies

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
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<td>HES 141</td>
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<td>HES 172</td>
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<td>BIOL 110</td>
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<td>BIOL 112</td>
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Total Certificate Requirements .......................................................................................................22

CERTIFICATE OF SPECIALIZATION

Athletic Training

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<tr>
<td>HES 222</td>
<td>3</td>
</tr>
<tr>
<td>HES 223</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 110</td>
<td>4</td>
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<tr>
<td>BIOL 112</td>
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Total Certificate Requirements .......................................................................................................15

Teaching/Coaching

<table>
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<th>Units</th>
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<tbody>
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<td>HES 124</td>
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<td>HES 132</td>
<td>3</td>
</tr>
<tr>
<td>HES 160</td>
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</tr>
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<td>HES 220</td>
<td>3</td>
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<td>HES 104</td>
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<tr>
<td>HES 180</td>
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<tr>
<td>OR HES 181</td>
<td>1</td>
</tr>
</tbody>
</table>

Other courses are currently being developed (See HES Faculty for details)

Total Certificate Requirements .......................................................................................................16

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.

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)

<table>
<thead>
<tr>
<th>U.S. History Survey Series</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 108 United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 110 United States History since 1877</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Western Civilization Survey Series</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 102 Early Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HIST 104 Modern Western Civilization</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>World History Survey Series</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 109 Ancient World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 111 Medieval World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 112 Modern World History</td>
<td>3</td>
</tr>
</tbody>
</table>
Elective Requirements (Select 12 units from below)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 106</td>
<td>Intro Prehistory and Archaeology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 150</td>
<td>North American Indians</td>
<td>3</td>
</tr>
<tr>
<td>HIST 102</td>
<td>Early Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HIST 104</td>
<td>Modern Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HIST 108</td>
<td>United States to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 109</td>
<td>Ancient World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 110</td>
<td>United States since 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 111</td>
<td>Medieval World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 112</td>
<td>Modern World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 120</td>
<td>Women in American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 130</td>
<td>Native American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 140</td>
<td>California History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 160</td>
<td>History of the American West</td>
<td>3</td>
</tr>
<tr>
<td>HIST 170</td>
<td>Washington D.C. Week</td>
<td>3</td>
</tr>
<tr>
<td>HIST 172</td>
<td>Democracy in Practice</td>
<td>3</td>
</tr>
<tr>
<td>HIST 291</td>
<td>Directed Studies in History</td>
<td>1-3</td>
</tr>
<tr>
<td>POL 140</td>
<td>Introduction to Race and Ethnicity</td>
<td>3</td>
</tr>
</tbody>
</table>

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.

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 108</td>
<td>United States History to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 110</td>
<td>United States History since 1877</td>
<td>3</td>
</tr>
</tbody>
</table>

List A (Select 6 units from below)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 102</td>
<td>Early Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HIST 104</td>
<td>Modern Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HIST 109</td>
<td>Ancient World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 111</td>
<td>Medieval World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 112</td>
<td>Modern World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 120</td>
<td>Women in American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 130</td>
<td>Native American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 140</td>
<td>California History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 160</td>
<td>History of the American West</td>
<td>3</td>
</tr>
<tr>
<td>HIST 170</td>
<td>Washington D.C. Week</td>
<td>3</td>
</tr>
<tr>
<td>HIST 172</td>
<td>Democracy in Practice</td>
<td>3</td>
</tr>
<tr>
<td>HIST 291</td>
<td>Directed Studies in History</td>
<td>1-3</td>
</tr>
</tbody>
</table>

List B (Select 1 course from each group below - no duplicate courses allowed)

Group 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 246</td>
<td>Women's Literature</td>
<td>3</td>
</tr>
<tr>
<td>HIST 109</td>
<td>Ancient World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 111</td>
<td>Medieval World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 112</td>
<td>Modern World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 120</td>
<td>Women in American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 130</td>
<td>Native American History</td>
<td>3</td>
</tr>
<tr>
<td>POL 140</td>
<td>Introduction to Race and Ethnicity</td>
<td>3</td>
</tr>
<tr>
<td>SOC/POL160</td>
<td>Globalization</td>
<td>3</td>
</tr>
</tbody>
</table>

Group 2

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 106</td>
<td>Intro Prehistory and Archaeology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 150</td>
<td>North American Indians</td>
<td>3</td>
</tr>
<tr>
<td>HIST 109</td>
<td>Ancient World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 111</td>
<td>Medieval World History</td>
<td>3</td>
</tr>
<tr>
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<td>Women in American History</td>
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<tr>
<td>HIST 140</td>
<td>California History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 160</td>
<td>History of the American West</td>
<td>3</td>
</tr>
<tr>
<td>POL 140</td>
<td>Introduction to Race and Ethnicity</td>
<td>3</td>
</tr>
<tr>
<td>POL 201</td>
<td>International Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

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.
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.

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.

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 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICT 111</td>
<td>Introduction to Information Technology</td>
<td>3</td>
</tr>
<tr>
<td>ICT 115</td>
<td>Introduction to Mass Communications</td>
<td>3</td>
</tr>
<tr>
<td>ICT 141</td>
<td>Digital Imagery</td>
<td>3</td>
</tr>
<tr>
<td>ICT 151</td>
<td>Video Production</td>
<td>3</td>
</tr>
<tr>
<td>ICT 152</td>
<td>Audio Production</td>
<td>3</td>
</tr>
<tr>
<td>ICT 161</td>
<td>Web Design</td>
<td>3</td>
</tr>
<tr>
<td>ICT 251</td>
<td>Rich Media Websites</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective Requirements (Select 9 units from below)

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production</td>
<td>ICT 181</td>
<td>Game Design</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ICT 241</td>
<td>Animation</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>THEA 105</td>
<td>Introduction to Acting</td>
<td>3</td>
</tr>
<tr>
<td>Programming</td>
<td>ICT 201</td>
<td>Programming Concepts and Methodology 1</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ICT 202</td>
<td>Programming Concepts and Methodology 2</td>
<td>3</td>
</tr>
<tr>
<td>Art</td>
<td>ART 107</td>
<td>2D Design</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ART 109</td>
<td>3D Design</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ART 116</td>
<td>Drawing I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ART 117</td>
<td>Drawing II</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Major Requirements: 30 units

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 100</td>
<td>Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 102</td>
<td>Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>ICT 111</td>
<td>Introduction to Information Technology</td>
<td>3</td>
</tr>
<tr>
<td>ICT 131</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ICT 161</td>
<td>Web Design</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective Requirements (Select 12 units from below)

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multimedia</td>
<td>ICT 115</td>
<td>Introduction to Mass Media</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ICT 141</td>
<td>Digital Imagery</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ICT 151</td>
<td>Video Production</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ICT 152</td>
<td>Audio Production</td>
<td>3</td>
</tr>
<tr>
<td>Business</td>
<td>BUS 104</td>
<td>Managerial Accounting</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>BUS 106</td>
<td>Principles of Economics: Macro</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BUS 108</td>
<td>Principles of Economics: Micro</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MATH 202</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

Total Major Requirements: 31-33 units

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICT 111</td>
<td>Introduction to Information Technology</td>
<td>3</td>
</tr>
<tr>
<td>ICT 131</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ICT 231</td>
<td>Database Programming</td>
<td>3</td>
</tr>
<tr>
<td>ICT 161</td>
<td>Web Design</td>
<td>3</td>
</tr>
<tr>
<td>ICT 201</td>
<td>Programming Concepts and Methodology 1</td>
<td>3</td>
</tr>
<tr>
<td>ICT 202</td>
<td>Programming Concepts and Methodology 2</td>
<td>3</td>
</tr>
<tr>
<td>ICT 261</td>
<td>Web Programming</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICT 111</td>
<td>Introduction to Information Technology</td>
<td>3</td>
</tr>
<tr>
<td>ICT 141</td>
<td>Digital Imagery</td>
<td>3</td>
</tr>
<tr>
<td>ICT 151</td>
<td>Video Production</td>
<td>3</td>
</tr>
<tr>
<td>ICT 152</td>
<td>Audio Production</td>
<td>3</td>
</tr>
<tr>
<td>ICT 161</td>
<td>Web Design</td>
<td>3</td>
</tr>
<tr>
<td>ICT 251</td>
<td>Rich Media Websites</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICT 091</td>
<td>Keyboarding I</td>
<td>1.5</td>
</tr>
<tr>
<td>ICT 092</td>
<td>Keyboarding II</td>
<td>1.5</td>
</tr>
<tr>
<td>ICT 101</td>
<td>Computer Literacy</td>
<td>3</td>
</tr>
<tr>
<td>ICT 111</td>
<td>Introduction to Information Technology</td>
<td>3</td>
</tr>
<tr>
<td>ICT 131</td>
<td>Computer Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ICT 141</td>
<td>Digital Imagery</td>
<td>3</td>
</tr>
<tr>
<td>OR ICT 151</td>
<td>Video Production</td>
<td>3</td>
</tr>
<tr>
<td>OR ICT 152</td>
<td>Audio Production</td>
<td>3</td>
</tr>
<tr>
<td>ICT 161</td>
<td>Web Design</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICT 141</td>
<td>Digital Imagery</td>
<td>3</td>
</tr>
<tr>
<td>OR ICT 151</td>
<td>Video Production</td>
<td>3</td>
</tr>
<tr>
<td>ICT 161</td>
<td>Web Design</td>
<td>3</td>
</tr>
<tr>
<td>ICT 171</td>
<td>Mobile Application Design</td>
<td>3</td>
</tr>
<tr>
<td>ICT 201</td>
<td>Programming Concepts and Methodology I</td>
<td>3</td>
</tr>
<tr>
<td>ICT 202</td>
<td>Programming Concepts and Methodology II</td>
<td>3</td>
</tr>
<tr>
<td>ICT 271</td>
<td>Mobile Application Programming</td>
<td>3</td>
</tr>
</tbody>
</table>

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.

Choose a Single Area of Emphasis

Complete 18 units in one of the areas of emphasis listed to follow:

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)

<table>
<thead>
<tr>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 172  World Art to 1500 3</td>
</tr>
<tr>
<td>ART 174  World Art History Since 1500 3</td>
</tr>
<tr>
<td>HIST 102  Western Civilization Ancient 3</td>
</tr>
<tr>
<td>HIST 104  Western Civilization Modern 3</td>
</tr>
<tr>
<td>HIST 109  Ancient World History 3</td>
</tr>
<tr>
<td>HIST 111  Medieval World History 3</td>
</tr>
<tr>
<td>HIST 112  Modern World History 3</td>
</tr>
<tr>
<td>HUMN 110  Introduction to Humanities I 3</td>
</tr>
<tr>
<td>HUMN 112  Introduction to Humanities II 3</td>
</tr>
</tbody>
</table>

Elective Requirements (Select 12 units from below)

<table>
<thead>
<tr>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART/HUMN 100  Art Appreciation 3</td>
</tr>
<tr>
<td>ART 107  Two-Dimensional Design 3</td>
</tr>
<tr>
<td>ART 109  Three-Dimensional Design 3</td>
</tr>
<tr>
<td>ART 116  Drawing I 3</td>
</tr>
<tr>
<td>ART 122  Painting I 3</td>
</tr>
<tr>
<td>ART 150  Beginning Photography 2</td>
</tr>
<tr>
<td>ART 172  World Art to 1500 3</td>
</tr>
<tr>
<td>ART 174  World Art History Since 1500 3</td>
</tr>
<tr>
<td>ENGL/HUMN 128  Film Appreciation 3</td>
</tr>
<tr>
<td>ENGL180  Nature Writing in America 3</td>
</tr>
<tr>
<td>ENGL 228  Novel and Film 3</td>
</tr>
<tr>
<td>ENGL 245  Contemporary Literature 3</td>
</tr>
<tr>
<td>ENGL 246  Women’s Literature 3</td>
</tr>
<tr>
<td>ENGL 252  American Literature I 3</td>
</tr>
<tr>
<td>ENGL 254  American Literature II 3</td>
</tr>
<tr>
<td>ENGL 256  Survey of English Literature I 3</td>
</tr>
<tr>
<td>ENGL 257  Survey of English Literature II 3</td>
</tr>
<tr>
<td>ENGL 277  Introduction to Shakespeare 3</td>
</tr>
<tr>
<td>HIST 102  Western Civilization Ancient 3</td>
</tr>
<tr>
<td>HIST 104  Western Civilization Modern 3</td>
</tr>
<tr>
<td>HIST 109  Ancient World History 3</td>
</tr>
<tr>
<td>HIST 111  Medieval World History 3</td>
</tr>
<tr>
<td>HIST 112  Modern World History 3</td>
</tr>
<tr>
<td>HUMN/ART 100  Art Appreciation 3</td>
</tr>
<tr>
<td>HUMN/MUS 101  Music Appreciation 3</td>
</tr>
<tr>
<td>HUMN 110  Introduction to Humanities I 3</td>
</tr>
<tr>
<td>HUMN 112  Introduction to Humanities II 3</td>
</tr>
<tr>
<td>HUMN/ENGL 128  Film Appreciation 3</td>
</tr>
<tr>
<td>MUS/HUMN 101  Music Appreciation 3</td>
</tr>
<tr>
<td>PHIL 100  Introduction to Philosophy 3</td>
</tr>
<tr>
<td>PHIL 103  Philosophy of Religions 3</td>
</tr>
<tr>
<td>THEA 105  Introduction to Acting 3</td>
</tr>
<tr>
<td>THEA 106  Advanced Acting 3</td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMJ 102</td>
<td>Introduction to the Administration of Justice</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 100</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 106</td>
<td>Introduction to Anthropology and Prehistory</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 120</td>
<td>Physical Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 120L</td>
<td>Physical Anthropology Lab</td>
<td>1</td>
</tr>
<tr>
<td>BUS 106</td>
<td>Principles of Economics – Macro</td>
<td>3</td>
</tr>
<tr>
<td>BUS 108</td>
<td>Principles of Economics – Micro</td>
<td>3</td>
</tr>
<tr>
<td>ECE 153</td>
<td>Child, Family, Community</td>
<td>3</td>
</tr>
<tr>
<td>ECE 162</td>
<td>Child Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>ENVR/POL 180</td>
<td>Environmental Policy</td>
<td>3</td>
</tr>
<tr>
<td>GEDG 104</td>
<td>Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 150</td>
<td>California Geography</td>
<td>3</td>
</tr>
<tr>
<td>HIST 102</td>
<td>Western Civilization Ancient</td>
<td>3</td>
</tr>
<tr>
<td>HIST 104</td>
<td>Western Civilization Modern</td>
<td>3</td>
</tr>
<tr>
<td>HIST 108</td>
<td>US to 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 109</td>
<td>Western Civilization Ancient</td>
<td>3</td>
</tr>
<tr>
<td>HIST 110</td>
<td>US Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 111</td>
<td>Medieval and Early Modern Civilizations</td>
<td>3</td>
</tr>
<tr>
<td>HIST 112</td>
<td>World History Since 1789</td>
<td>3</td>
</tr>
<tr>
<td>HIST 120</td>
<td>History of American Women</td>
<td>3</td>
</tr>
<tr>
<td>HIST 130</td>
<td>Native American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 140</td>
<td>California History</td>
<td>3</td>
</tr>
<tr>
<td>MATH 202</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

Social and Behavioral Sciences Emphasis

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.
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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 110</td>
<td>Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 112</td>
<td>Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>HES 170</td>
<td>Introduction to Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>NURS 100</td>
<td>Certified Nurse Assistant</td>
<td>6</td>
</tr>
<tr>
<td>NURS 111</td>
<td>Dosage Calculation for Medical Providers</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 112</td>
<td>Nursing Foundations</td>
<td>1</td>
</tr>
<tr>
<td>NURS 114</td>
<td>Nursing Foundations Lab</td>
<td>2</td>
</tr>
<tr>
<td>NURS 116</td>
<td>Psychological Principles for Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NURS 120</td>
<td>Introduction to Pharmacology</td>
<td>1</td>
</tr>
<tr>
<td>NURS 122</td>
<td>Basic Medical Surgical Nursing</td>
<td>5</td>
</tr>
<tr>
<td>NURS 123</td>
<td>Basic Medical Surgical Nursing Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>NURS 125</td>
<td>Basic Medical Surgical Nursing Laboratory (1st Summer)</td>
<td>3.5</td>
</tr>
<tr>
<td>NURS 212</td>
<td>Intermediate Medical Surgical Nursing</td>
<td>3</td>
</tr>
</tbody>
</table>

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.
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.

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

<table>
<thead>
<tr>
<th>Course</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 121</td>
<td>1</td>
</tr>
<tr>
<td>BUS 122</td>
<td>1.5</td>
</tr>
<tr>
<td>BUS 124</td>
<td>1.5</td>
</tr>
<tr>
<td>NCA 001</td>
<td>1</td>
</tr>
<tr>
<td>NCA 004</td>
<td>2</td>
</tr>
<tr>
<td>NCA 021</td>
<td>2.5</td>
</tr>
<tr>
<td>NCA 023</td>
<td>2.5</td>
</tr>
<tr>
<td>NCA 025</td>
<td>1.5</td>
</tr>
</tbody>
</table>

Total Certificate Requirements: 16

Catering Entrepreneurship
Certificate Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 121</td>
<td>1</td>
</tr>
<tr>
<td>BUS 122</td>
<td>1.5</td>
</tr>
<tr>
<td>BUS 124</td>
<td>1.5</td>
</tr>
<tr>
<td>NCA 001</td>
<td>1</td>
</tr>
<tr>
<td>NCA 002</td>
<td>2</td>
</tr>
<tr>
<td>NCA 004</td>
<td>2</td>
</tr>
<tr>
<td>NCA 006</td>
<td>2.5</td>
</tr>
<tr>
<td>NCA 012</td>
<td>2.5</td>
</tr>
<tr>
<td>NCA 015</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Certificate Requirements: 16.5
Restaurant Management 
Certificate Requirements

Entrepreneurship

<table>
<thead>
<tr>
<th>Course</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 121 Introduction to Entrepreneurship</td>
<td>1</td>
</tr>
<tr>
<td>BUS 122 Entrepreneurial Marketing</td>
<td>1.5</td>
</tr>
<tr>
<td>BUS 123 Financial Management for Entrepreneurs</td>
<td>2</td>
</tr>
<tr>
<td>BUS 124 Preparing Effective Business Plans</td>
<td>1.5</td>
</tr>
</tbody>
</table>

Nutrition, Food, and Culinary Arts

<table>
<thead>
<tr>
<th>Course</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCA 001 Food Safety</td>
<td>1.5</td>
</tr>
<tr>
<td>NCA 002 Pro Chef I</td>
<td>2.5</td>
</tr>
<tr>
<td>NCA 004 Food Service Cost Control</td>
<td>2</td>
</tr>
<tr>
<td>NCA 011 Restaurant Operations</td>
<td>3.5</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL/ENVR 120 Sierra Nevada Natural History</td>
<td>3</td>
</tr>
<tr>
<td>ORL 110 Introduction to Recreation and Leisure</td>
<td>3</td>
</tr>
<tr>
<td>ORL 116 Principles of Outdoor Recreation</td>
<td>3</td>
</tr>
<tr>
<td>ORL 120 Recreation Program Planning</td>
<td>3</td>
</tr>
<tr>
<td>ORL 130 Adventure Based Outdoor Recreation</td>
<td>6</td>
</tr>
<tr>
<td>ORL 200 Outdoor Recreation Leadership</td>
<td>3</td>
</tr>
<tr>
<td>ORL 280 Capstone in Outdoor Recreation Leadership</td>
<td>2</td>
</tr>
<tr>
<td>ORL 291 Directed Field Experience</td>
<td>1-3</td>
</tr>
<tr>
<td>ENVR/BIOL 120 Sierra Nevada Natural History</td>
<td>3</td>
</tr>
</tbody>
</table>

Major Elective Requirements (Select 3 units from below)

<table>
<thead>
<tr>
<th>Course</th>
<th>UNITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 121 Introduction to Entrepreneurship</td>
<td>1</td>
</tr>
<tr>
<td>BUS 122 Entrepreneurial Marketing</td>
<td>1.5</td>
</tr>
<tr>
<td>BUS 123 Financial Management for Entrepreneurs</td>
<td>2</td>
</tr>
<tr>
<td>BUS 124 Preparing Effective Business Plans</td>
<td>1.5</td>
</tr>
<tr>
<td>BUS 130 Small Business Management</td>
<td>3</td>
</tr>
<tr>
<td>ENVR 102 Introduction to Environmental Studies</td>
<td>3</td>
</tr>
<tr>
<td>ENVR/POL 180 Environmental Policy</td>
<td>3</td>
</tr>
<tr>
<td>POL/ENVR 180 Environmental Policy</td>
<td>3</td>
</tr>
</tbody>
</table>
Major Technical Skill Course 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

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

- ORL 130 Adventure-Based Outdoor Recreation 6
- ORL 180 Wilderness First Responder 2
- ORL 291 Directed Field Experience 1-3

Certificate TechnicalSkill 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

- 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>One ORL Technical Skill Course (see list)</td>
<td>1</td>
</tr>
<tr>
<td>ORL 180 Wilderness First Responder</td>
<td>2</td>
</tr>
<tr>
<td>ORL 182 Swiftwater Rescue Technician Level I</td>
<td>1</td>
</tr>
<tr>
<td>ORL 190 Avalanche Technician Level I</td>
<td>1</td>
</tr>
<tr>
<td>ORL 291 Directed Field Experience</td>
<td>1-3</td>
</tr>
</tbody>
</table>

**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.

### 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 108 Introduction to Trigonometry</td>
<td>1</td>
</tr>
<tr>
<td>MATH 110 College Algebra</td>
<td>4</td>
</tr>
<tr>
<td>MATH 116 Pre-Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH 202 Elementary Statistics</td>
<td>4</td>
</tr>
<tr>
<td>MATH 218 Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 220 Calculus II</td>
<td>4</td>
</tr>
</tbody>
</table>

A minimum of 28 units from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 102 Biochemistry, Cell &amp; Molecular Biology and Genetics</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 100 Introductory Inorganic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 102 General Inorganic Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 104 General Inorganic Chemistry II</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 106 Introduction to Organic Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>ENVR/GEOG 201 Introduction to Geographic Information Systems (GIS)</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 102 Physical Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG/ENVR 201 Introduction to Geographic Information Systems (GIS)</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 102 Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 100 Concepts in Physics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 102 General Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 104 General Physics II</td>
<td>4</td>
</tr>
<tr>
<td>PHSC 120 Introduction to Astronomy</td>
<td>3</td>
</tr>
</tbody>
</table>

**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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 101</td>
<td>Government and Politics in the United States</td>
<td>3</td>
</tr>
<tr>
<td>POL 150</td>
<td>Introduction to Political Science</td>
<td>3</td>
</tr>
<tr>
<td>POL 130</td>
<td>Introduction to International Relations</td>
<td>3</td>
</tr>
<tr>
<td>MATH 202</td>
<td>Elementary Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

Elective Requirements (Select 6 units from below, *recommended)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVR/POL 180*</td>
<td>Environmental Policy</td>
<td>3</td>
</tr>
<tr>
<td>BUS 106</td>
<td>Principles of Economics (Macro)</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 104</td>
<td>Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>HIST 104</td>
<td>Modern Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HIST 110</td>
<td>The United States Since 1877</td>
<td>3</td>
</tr>
<tr>
<td>HIST 112</td>
<td>Modern World History</td>
<td>3</td>
</tr>
<tr>
<td>POL 140*</td>
<td>Introduction to Race and Ethnicity</td>
<td>3</td>
</tr>
<tr>
<td>POL/SOC 160*</td>
<td>Globalization</td>
<td>3</td>
</tr>
<tr>
<td>POL/ENVR 180*</td>
<td>Environmental Policy</td>
<td>3</td>
</tr>
<tr>
<td>SOC 102</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC/POL 160*</td>
<td>Globalization</td>
<td>3</td>
</tr>
</tbody>
</table>

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.

ASSOCIATE OF ARTS FOR TRANSFER IN SOCIOLOGY

Major Core Requirements

- 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)

- ADMJ 203 Introduction to Multiculturalism 3
- ADMJ 112 Introduction to Criminology 3
- POUL/SOC 140 Introduction to Race and Ethnicity 3
- POUL/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

Total Major Requirements: 19

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.
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.
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
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
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
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
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
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
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
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
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.

ADMJ 125 INTRODUCTION TO WILDLIFE ISSUES AND LAWS 2 UNITS
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
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
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
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
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
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 definition 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: ADMJ 102.

ADMJ 206 CURRENT ISSUES IN ADMINISTRATION OF JUSTICE 3 UNITS
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
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 enters 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 270 FUNDAMENTALS OF AGRICULTURE EDUCATION & EMPLOYMENT 5 UNIT
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.

AGRICULTURE
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
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
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.

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.

AGAS 120 INTRODUCTION TO ANIMAL SCIENCE 3 UNITS
HOURS: 2 LEC; 3 LAB
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
UC
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
UC
General introduction to animal behavior. Behavior or individual animals, animal relationships, origins of behavior, and social organizations are discussed. Cross-listed with BIOL 164.

AGAS 266 ADVANCED AQUACULTURE 3 UNITS
HOURS: 3 LEC
UC
This course builds upon the knowledge gained in ENV 250 Fish Culture and delve deeper into the subjects of water quality, water management, feed management, inventory, and biofiltration. 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 ENV 266.

AGEQ 009 DRAFT HORSE DRIVING I .5 UNIT
HOURS: 4.5 LEC; 13.5 LAB
CSU, UC
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
CSU, UC
Work horse history, attitude, approach, dynamics of draft, anatomy, health care, harness and harnessing, and principles of driving.

AGEQ 011 DRAFT HORSE DRIVING III .5 UNIT
HOURS: 4.5 LEC; 13.5 LAB
CSU, UC
Work horse history, attitude, approach, dynamics of draft, anatomy, health care, harness and harnessing, and principles of driving.

AGEQ 012 ELEMENTS OF EQUINE SCIENCE 3 UNITS
HOURS: 2.5 LEC; 1.5 LAB
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.

AGEQ 013 WESTERN HORSEBACK RIDING FOR BEGINNING RIDERS .5-2 UNITS
HOURS: 25.1 LEC; 75-3 LAB
CSU
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 015 DRAFT HORSE INSTRUCTION I .5 UNIT
HOURS: 4.5 LEC; 13.5 LAB
UC
Progressive skill development from course prerequisite AGEQ 009 to gain proficiency to harness and drive a single or double draft team with assistance.

AGEQ 016 DRAFT HORSE INSTRUCTION II .5 UNIT
HOURS: 4.5 LEC; 13.5 LAB
UC
Progressive skill development from course prerequisite AGEQ 015 to gain proficiency to harness and drive a single or double draft team unsaddled.
AGEQ 103 WESTERN EQUATION I 2 UNITS
HOURS: 1 LEC; 3 LAB
CSU, 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.

AGEQ 104 HORSE CONFORMATION AND JUDGING 1 UNIT
HOURS: 18 LEC
CSU
Horse Conformation is a survey course, which covers various 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.

AGEQ 105 ELEMENTS OF FARRIER SCIENCE 1 UNIT
HOURS: 1 LEC; 3 LAB
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 124.

AGEQ 106 WESTERN EQUATION II 2 UNITS
HOURS: 1 LEC; 3 LAB
CSU
Intermediate and advanced western riding techniques and equitation. Use of natural aids for advanced equitation and riding maneuvers.

AGEQ 107 ELEMENTS OF PACK STATION AND STABLE OPERATIONS 3 UNITS
HOURS: 2.5 LEC; 1.5 LAB
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.

AGEQ 108 FUNDAMENTALS OF PACK STATION & STABLE OPERATIONS-FIELD EXPERIENCE 2 UNITS
HOURS: 1.5 LEC; 1.5 LAB
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.

AGEQ 109 PACK STATION & STABLE OPERATIONS-FIELD EXPERIENCE 2 UNITS
HOURS: 1 LEC; 3 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 progressive application of skills learned in prerequisite AGEQ 108.

AGEQ 110 ELEMENTS OF HORSE TRAINING I 5-3 UNITS
HOURS: 4.5-27 LEC; 13.5-81 LAB
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 provide the elements of Horse Training II covers various elements of horse training techniques and concepts. Prerequisite: AGEQ 115.

AGEQ 111 ELEMENTS OF HORSE TRAINING II 5-3 UNITS
HOURS: 4.5-27 LEC; 13.5-81 LAB
CSU
Elements of Horse Training II covers various elements of horse training techniques and concepts. Prerequisite: AGEQ 115.

AGEQ 112 ELEMENTS OF HORSE TRAINING III 5-3 UNITS
HOURS: 4.5-27 LEC; 13.5-81 LAB
CSU
Elements of Horse Training III covers various elements of horse training techniques and concepts. Prerequisite: AGEQ 115.

AGEQ 113 ELEMENTS OF HORSE TRAINING IV 5-3 UNITS
HOURS: 4.5-27 LEC; 13.5-81 LAB
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.

AGEQ 114 INTRODUCTION TO FARBIER SCIENCE 1 UNIT
HOURS: 18 LEC
CSU
Elements of Horse Training III 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.

AGEQ 115 ELEMENTS OF PACK STATION AND STABLE OPERATIONS 3 UNITS
HOURS: 1 LEC; 3 LAB
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 provide the elements of Horse Training II covers various elements of horse training techniques and concepts. Prerequisite: AGEQ 115.

AGEQ 116 WESTERN EQUATION III 2 UNITS
HOURS: 1 LEC; 3 LAB
CSU
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.

AGEQ 117 ELEMENTS OF HORSE TRAINING IV 5-3 UNITS
HOURS: 4.5-27 LEC; 13.5-81 LAB
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.

AGEQ 118 CONDITIONING THE HORSE AND RIDER I 5-1 UNITS
HOURS: 3-6 LAB
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.

AGEQ 119 CONDITIONING THE HORSE AND RIDER II 5-1 UNITS
HOURS: 3-6 LAB
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.

AGEQ 120 CONDITIONING THE HORSE AND RIDER III 5-1 UNITS
HOURS: 3-6 LAB
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.

AGEQ 121 CONDITIONING THE HORSE AND RIDER IV 5-1 UNITS
HOURS: 3-6 LAB
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.

AGEQ 122 CONDITIONING THE HORSE AND RIDER V 5-1 UNITS
HOURS: 3-6 LAB
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.

AGEQ 123 INTRODUCTION TO EQUINE BEHAVIOR & TRAINING 2 UNITS
HOURS: 1 LEC; 1.5 LAB
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.

AGEQ 124 EQUINE BEHAVIOR AND TRAINING 2 UNITS
HOURS: 1 LEC; 1.5 LAB
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 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.
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 101 (2 units), AGEQ 103 (2 units), AGEQ 219 (2 units), AGEQ 211 (2 units), and AGEQ 212 (2 units).

AGEQ 180 RODEO SKILLS AND TECHNIQUES: MENS 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 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 women's rodeo events.

AGEQ 182 INTERCOLLEGATE 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 INTERCOLLEGATE 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.
AGEQ 225
RANCH HORSEMANSHIP
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
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: MENS EVENTS
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: WOMENS EVENTS
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
HOURS: 5.2 LEC; 1.5-6 LAB
CSU

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
HOURS: 5.2 LEC; 1.5-6 LAB
CSU

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
HOURS: 5.2 LEC; 1.5-6 LAB
CSU

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
HOURS: 5.2 LEC; 1.5-6 LAB
CSU

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.
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, and 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.

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 200 INTRODUCTION TO FORENSIC ANTHROPOLOGY 3 UNITS
HOURS: 3 LEC
CSU (D1), UC, IGETC (4A)

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 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.

ANTH 170 INTRACULTURAL 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 a 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 295 NATIONAL AND WORLD POLITICS 3 UNITS
HOURS: 3 LEC
CSU, UC

A study of the domestic and international political environment in the United States and around the world. An emphasis will be placed on contemporary events. Mid-term and final examinations and a research paper are required. Advisories: Completion of ENGL 010.

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 HUMN 100.

ART 107 TWO DIMENSIONAL DESIGN 3 UNITS
HOURS: 2 LEC; 3 LAB
CSU

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 16 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**
**HOURS:** 2 LEC; 3 LAB
**3 UNITS**
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**
**HOURS:** 2 LEC; 3 LAB
**3 UNITS**
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**
**HOURS:** 2 LEC; 3 LAB
**3 UNITS**
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**
**HOURS:** 2 LEC; 3 LAB
**3 UNITS**
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**
**HOURS:** 2 LEC; 3 LAB
**3 UNITS**
CSU
A beginning course in printmaking using various methods of image production, linoleum and wood block printing, collagraph, etching, silk screen and monotype printing, with emphasis on technical methods, composition, idea development, and the study of historical examples.

**ART 132**
**LIFE DRAWING I**
**HOURS:** 2 LEC; 3 LAB
**3 UNITS**
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**
**HOURS:** 2 LEC; 3 LAB
**3 UNITS**
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**
**HOURS:** 2 LEC; 3 LAB
**3 UNITS**
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**
**HOURS:** 2 LEC; 3 LAB
**3 UNITS**
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**
**HOURS:** 2 LEC; 3 LAB
**3 UNITS**
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**
The transfer requirements satisfied by CRC 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.

**ART 142**
**SCULPTURE II**
**HOURS:** 2 LEC; 3 LAB
**3 UNITS**
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**
**HOURS:** 2 LEC; 3 LAB
**3 UNITS**
CSU
Introduction to ceramic concepts, materials, 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**
**HOURS:** 2 LEC; 3 LAB
**3 UNITS**
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. Advisory: ART 150.

**ART 151**
**INTERMEDIATE PHOTOGRAPHY**
**HOURS:** 2 LEC; 3 LAB
**3 UNITS**
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**
**HOURS:** 3 LEC
**3 UNITS**
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**
**HOURS:** 3 LEC
**3 UNITS**
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**
**HOURS:** 3 LEC
**3 UNITS**
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**
**HOURS:** 18 – 270
**1-5 UNITS**
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.

**BIOL 100**
**CONCEPTS IN BIOLOGY**
**HOURS:** 3 LEC; 3 LAB
**4 UNITS**
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.
BUS 108 PRINCIPLES OF ECONOMICS-MICRO
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: MATH 106.

BUS 111 INTRODUCTION TO INFORMATION TECHNOLOGY
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
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
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
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
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
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
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.

BUS 123 FINANCIAL MANAGEMENT FOR ENTREPRENEURS
HOURS: 2 LEC
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
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
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
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
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
HOURS: 3 LEC
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
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
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
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
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
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 103
CHEMISTRY AND SOCIETY
4 UNITS
HOURS: 3LEC; 3LAB
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 104
GENERAL CHEMISTRY I
5 UNITS
HOURS: 4LEC; 3LAB
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 106
INTRODUCTION TO ORGANIC CHEMISTRY
5 UNITS
HOURS: 4LEC; 3LAB
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). Required pre-requisite: CHEM 102. Advisory: CHEM 104.

COLLEGE

COLL 100
BECOMING A SUCCESSFUL STUDENT
3 UNITS
HOURS: 3LEC
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), academic 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
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.

COOPERATIVE WORK EXPERIENCE EDUCATION

CWEE 120
EARLY CHILDHOOD EDUCATION (PARALLEL)
1-4 UNITS
CSU
HOURS: VARIABLE
Voluntary work: 60-240 hrs. 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: 1LEC
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: 3LEC
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: 3LEC
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: 3LEC
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: 3LEC
Explores the social, emotional, physical, and intellectual development of the school aged 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: 1LEC
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: 1LEC
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: 9LEC
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.
ECE 082 CHILD HEALTH AND SAFETY 5 UNIT
HOURS: 3 LEC
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.

ECE 083 CHILDREN’S STORYTELLING AND PUPPETRY 1 UNIT
HOURS: 1 LEC
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.

ECE 085 EMERGING LITERACY 1 UNIT
HOURS: 3 LEC
Explores the developmental continuum of literacy from birth. Provides examples of age appropriate experiences, integrated curriculum, literacy-rich environments and intentional teaching.

ECE 087 DUAL LANGUAGE LEARNERS 1 UNIT
HOURS: 3 LEC
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.

ECE 088 QUALITY IMPROVEMENT IN ECE PROGRAMS 3 UNITS
HOURS: 3 LEC
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.

ECE 098 SUCCEEDING IN AN ECE CAREER 1.5 UNITS
HOURS: 3 LEC
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.

ECE 140 TEACHING YOUNG CHILDREN WITH SPECIAL NEEDS 3 UNITS
HOURS: 3 LEC
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.

ECE 150 OBSERVATION AND ASSESSMENT 3 UNITS
HOURS: 2 LEC; 3 LAB
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.

ECE 152 INTRODUCTION TO CURRICULUM 3 UNITS
HOURS: 3 LEC
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.

ECE 153 CHILD, FAMILY AND COMMUNITY 3 UNITS
HOURS: 3 LEC
Child, Family and Community
CSU (D9)
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.

ECE 154 CREATIVE ACTIVITIES FOR CHILDREN 3 UNITS
HOURS: 54 LEC
CSU
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.

ECE 155 MENTORING/SUPERVISING 2 UNITS
HOURS: 2 LEC
ADULTS IN THE CLASSROOM
CSU
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.

ECE 157 PRINCIPLES AND PRACTICES OF TEACHING YOUNG CHILDREN 3 UNITS
HOURS: 2 LEC; 3 LAB
CSU
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.

ECE 158 PRACTICUM 3 UNITS
HOURS: 2 LEC; 3 LAB
CSU
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.

ECE 159 HEALTH, SAFETY AND NUTRITION 3 UNITS
HOURS: 3 LEC
CSU
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.

ECE 160 TEACHING IN A DIVERSE SOCIETY 3 UNITS
HOURS: 3 LEC
CSU
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.

ECE 162 CHILD GROWTH AND DEVELOPMENT 3 UNITS
HOURS: 3 LEC
CSU (D9), UC, IGETC (4I)
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.

ECE 166 MUSIC WITH CHILDREN 3 UNITS
HOURS: 3 LEC
CSU
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.
### EDUCATION

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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**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 units for each course in the catalog. The letter “C” indicates that the course satisfies the core curriculum requirement for the University of California (UC) System, 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 204
HOURS: 36 LEC
TEACHER ASSISTANT II: PUPPETRY
2 UNITS
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 year 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
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
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), English Language Development (ELD) and math, e.g. comprehension, analysis and integration of multiple sources of data, resources and strategies. The student 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
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 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 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
HOURS: 336 LEC
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.

EMERGENCY MEDICAL TECHNICIAN
EMT 021
HOURS: 8 LAB
EMERGENCY MEDICAL TECHNICIAN REFRESHER
1.5 UNITS
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. Bee prepared to pay a test fee for the Nor-Cal recertification test. Prerequisite EMT 120.

EMT 120
HOURS: 7.5 LEC; 1.5 LAB
EMERGENCY MEDICAL TECHNICIAN 1A
3 UNITS
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
HOURS: 2 LEC; 3 LAB
ADVANCED EMERGENCY MEDICAL TECHNICIAN
3 UNITS
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
HOURS: 3 LEC
PRE-COLLEGE LEVEL COMPOSITION AND READING
3 UNITS
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
HOURS: 3 LEC
COMPOSITION AND READING
3 UNITS
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
HOURS: 3 LEC
INTRODUCTION TO LITERATURE
3 UNITS
Students are introduced to major literary genres of fiction, poetry, and drama. Students learn to read and write analytically and critically about literary themes taken from a wide variety of literary works, time periods, and cultures. Students build on the writing and expository skills learned in ENGL 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.
ENGL 103 CRITICAL THINKING 3 UNITS
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.

ENGL 118 SMALL GROUP COMMUNICATION 3 UNITS
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.

ENGL 119 INTERPERSONAL COMMUNICATION 3 UNITS
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.

ENGL 120 SPEECH 3 UNITS
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.

ENGL 128 FILM APPRECIATION 3 UNITS
Analytical and critical survey of a genre of films, including fields of production, direction and acting. Cross-listed as HUMN 128.

ENGL 150 INTRODUCTION TO NEWSPAPER WRITING, EDITING AND PRODUCTION 3 UNITS
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.

ENGL 170 CREATIVE WRITING I 3 UNITS
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.

ENGL 172 CREATIVE WRITING II 3 UNITS
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.

ENGL 180 NATURE LITERATURE IN AMERICA 3 UNITS
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.

ENGL 228 NOVEL AND FILM 3 UNITS

ENGL 245 CONTEMPORARY LITERATURE 3 UNITS
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.

ENGL 252 AMERICAN LITERATURE I 3 UNITS
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.

ENGL 254 AMERICAN LITERATURE II 3 UNITS
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.

ENGL 256 SURVEY OF BRITISH LITERATURE I 3 UNITS

ENGL 257 SURVEY OF BRITISH LITERATURE II 3 UNITS

ENGL 267 INTRODUCTION TO SHAKESPEARE 3 UNITS
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.

ENGL 291 DIRECTED STUDY 1-5 UNITS
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 enters 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 ENGL101. 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 at English, but may still have difficulty with complex English structures such as tenses, imbedded clauses and modals. 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 405 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, fireline 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.

ENVR 125 WILDLIFE LAW AND ISSUES 2 UNITS
HOURS: 2 LEC
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 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 DEONDOLOGY 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.

GENERAL EDUCATION/CORE CLASS IDENTIFICATION

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ENVR 190 ENVIRONMENTAL STUDIES FIELD COURSE 5 UNIT
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.

ENVR 192 WINTER ECOLOGY 3 UNIT
HOURS: 4.5 LEC; 13.5 LAB
CSU
By taking local field trips, this course attempts to develop an understanding of winter ecology by using hands-on, practical ecological methods.

ENVR 194 CURRENT ENVIRONMENTAL ISSUES 1 UNIT
HOURS: 9 LEC; 27 FIELD
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.

ENVR 201 INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (GIS) 3 UNITS
HOURS: 2 LEC; 3 LAB
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.

ENVR 210 INTRODUCTION TO SOIL SCIENCE 3 UNITS
HOURS: 2 LEC; 3 LAB
CSU
An introduction to the chemical, biological 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.

ENVR 220 INTRODUCTION TO FORESTRY 3 UNITS
HOURS: 2 LEC; 3 LAB
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.

ENVR 240 INTRODUCTION TO WILDLIFE 3 UNITS
HOURS: 2 LEC; 3 LAB
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.

ENVR 241 WILDLIFE DIVERSITY AND FIELD TECHNIQUES 4 UNITS
HOURS: 2 LEC; 6 LAB
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.

ENVR 250 INTRODUCTION TO AQUACULTURE 3 UNITS
HOURS: 2 LEC; 3 LAB
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.

ENVR 251 ECOSYSTEM MANAGEMENT 2 UNITS
HOURS: 2 LEC; 1 LAB
CSU
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.

ENVR 264 INTRODUCTION TO FISH 3 UNITS
HOURS: 3 LEC; 3 LAB
CSU
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.

ENVR 266 ADVANCED AQUACULTURE 3 UNITS
HOURS: 2 LEC; 3 LEC
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 AGS426. Prerequisite: ENVR 250.

ENVR 280 PROFESSIONAL DEVELOPMENT IN ENVIRONMENTAL STUDIES 1 UNIT
HOURS: 1 LEC
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.

ENVR 291 DIRECTED STUDY 1-5 UNITS
HOURS: 18-280
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 Study" must be completed by the student, approved by the instructor and Chief Instructional Officer, and placed on file with the Office of Instruction.

ENVR 299 SPECIAL TOPICS IN ENVIRONMENTAL STUDIES 5-3 UNITS
HOURS: 0-54 LEC; 0-162 LAB
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

FRN 101 BEGINNING FRENCH I 4 UNITS
HOURS: 4 LEC
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.

FRN 102 BEGINNING FRENCH II 4 UNITS
HOURS: 4 LEC
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.

FRN 201 INTERMEDIATE FRENCH I 5 UNITS
HOURS: 5 LEC
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.

GENERAL EDUCATION/ CORE CLASS IDENTIFICATION:
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<tr>
<td>FRN 291</td>
<td>DIRECTED STUDY</td>
<td>1-5</td>
<td>18-270</td>
<td>CSU</td>
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<td>A student may take advanced course work or complete a student designed project</td>
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<td>in French after having completed introductory courses. The topics, learning</td>
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<td>GEOL 190</td>
<td>GEOLOGIC FIELD TRIPS: PALEOZOIC AND CENOZOIC GEOLOGY</td>
<td>5.1</td>
<td>4-8 LEC</td>
<td>CSU</td>
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<td>This course is a weekend, field-based class that will introduce students to</td>
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<td>GEOL 191</td>
<td>GEOLOGIC FIELD TRIPS: VOLCANIC LANDSCAPES</td>
<td>5.1</td>
<td>4-8 LEC</td>
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<td>This is a weekend, field-based course designed to expose students to local</td>
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<td>GEOL 192</td>
<td>GEOLOGIC FIELD TRIPS: URBAN GEOLOGY AND HYDROGEOLOGY</td>
<td>5.1</td>
<td>4-8 LEC</td>
<td>CSU</td>
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<td>This is a weekend, field-based course designed to expose students to local</td>
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<td>HES 001</td>
<td>STRENGTH TRAINING AND YOUR BODY</td>
<td>3</td>
<td>2 LEC;</td>
<td>CSU (E), UC</td>
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<td></td>
<td>This course is designed to educate students on specific techniques used to</td>
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<td>develop muscular strength and muscular endurance while maintaining a safe</td>
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<td>environment. Students will also be responsible for tracking their progress</td>
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<td>academic advisor for clarification.</td>
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**GEODEMY**

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<th>Course Code</th>
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<th>Transferable (CSU, UC, IGETC)</th>
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<tr>
<td>GEOG 102</td>
<td>PHYSICAL GEOGRAPHY</td>
<td>3</td>
<td>3 LEC</td>
<td>CSU (B1), UC, IGETC (SS)</td>
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<td></td>
<td>This course is a spatial study of the Earth's dynamic physical systems and</td>
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<td>processes. Topics include: Earth-sun geometry, weather, climate, water,</td>
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<td>landforms, geology, soil, and the biosphere. Emphasis is on the</td>
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<td>interrelationships among environmental and human systems and processes and</td>
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<td>their resulting patterns and distributions.</td>
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<td>GEOG 201</td>
<td>INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (GIS)</td>
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<td>2 LEC;</td>
<td>CSU</td>
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<td></td>
<td>An introduction to Geographical Information Systems (GIS) including basic</td>
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<td>principles as well as practices involving GIS. Students will learn</td>
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<td>about assessment of vector and raster data, scale, resolution, map</td>
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<td>projection, coordinate systems, georeferencing, and Global Positioning</td>
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<td>Systems. In addition, students will learn how GIS facilitates</td>
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<td>interdisciplinary project approaches, methods of data collection and</td>
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<td>sampling methods, spatial analysis, project design, and implementation.</td>
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<td>Cross-listed with ENV 201.</td>
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<td>GEOG 202</td>
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<td>project in Geography after having completed introductory courses. The</td>
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<td>topics, learning objectives, educational material(s), number of units to be</td>
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<td>awarded, and method of evaluation are determined in a written agreement</td>
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<td>between the instructor and the student before the student engages in the</td>
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<td>learning experience. A “Learning Contract for Directed Studies” must be</td>
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<td>completed by the student, approved by the instructor, and Chief Instructional</td>
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<td>Officer, and placed on file with the Office of Instruction.</td>
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<tr>
<td>GEOG 204</td>
<td>HISTORICAL GEOGRAPHY</td>
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<td>3 LEC;</td>
<td>CSU (B1, B3), UC, IGETC (SS)</td>
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<td>History of the earth, covering early atmosphere, development of the</td>
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<td>earth's structure, continents and oceans, evolution of life, and the</td>
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<td>interrelationship between geological and astronomical processes. Advisory:</td>
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<td>GEOG 102</td>
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**HEALTH**

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<tr>
<td>HES 002</td>
<td>IMPROVING CARDIO RESPIRATORY ENDURANCE</td>
<td>3</td>
<td>2 LEC;</td>
<td>CSU (E), UC</td>
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<td>This course is designed to educate students on the body's ability to</td>
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<td>perform large muscle group activity at moderate to high intensity for a</td>
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<td>prolonged period of time. Examples include but are not limited to running,</td>
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<td>cycling, and swimming.</td>
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<td>HES 100</td>
<td>PRINCIPLES OF HEALTHFUL LIVING</td>
<td>3</td>
<td>3 LEC</td>
<td>CSU (E), UC</td>
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<td></td>
<td>Examination of current important health issues and practical means of</td>
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<td>effectively dealing with them. Main topics include mental and emotional</td>
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<td>health, nutrition, physical fitness, human sexuality, substance use and</td>
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<td>abuse, environmental health, communicable disease, aging, dying and death,</td>
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<td>safety, and first aid. Emphasis on the promotion of wellness. Cross-listed</td>
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<td>with HLTH 100.</td>
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**HEALTH AND EXERCISE STUDIES**

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<td>environment. Students will also be responsible for tracking their progress</td>
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<td>academic advisor for clarification.</td>
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<td>HES 100</td>
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<td>3</td>
<td>3 LEC</td>
<td>CSU (E), UC</td>
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<td>Examination of current important health issues and practical means of</td>
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<td>with HLTH 100.</td>
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**GENERAL EDUCATION/CORE CLASS IDENTIFICATION**

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HES 101 WELLNESS AND BODY MOVEMENT 0 UNITS
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.

HES 104 SPORTS MANAGEMENT 3 UNITS CSU
This course is designed to examine the academic and professional requirements of coaching and administering a sports program. Students will be exposed to the breadth of the coaching & administering profession by examining philosophy, goals, objectives, ethics, and practical task orientations.

HES 105 FIRST AID AND SAFETY 1 UNIT 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 First Aid Certificate (three year certificate) and American Red Cross First Aid Certification (one year).

HES 108 TRACK AND FIELD AND CROSS COUNTRY SKILLS 1.5-1 UNIT 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.

HES 110 ULTIMATE DISC 1 UNIT CSU, UC
Beginning through advanced. Ultimate development of individual skills, throwing and catching, and offensive/defensive team strategy.

HES 112 PHYSICAL FITNESS: STRETCH AND TONE 1.5 UNIT 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.

HES 113 CIRCUIT TRAINING 1 UNIT CSU, UC
This course is designed to encompass a full body work-out through circuit training, utilizing cardiovascular internal 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.

HES 114 PHYSICAL ACTIVITY, WELLNESS AND BEHAVIOR CHANGE 1 UNIT 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.

HES 119 BODY COMPOSITION: THEORY, PRINCIPLES AND MANAGEMENT 1 UNIT 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.

HES 120 WEIGHT TRAINING 0.5 UNIT 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.

HES 121 MOVEMENT FUNDAMENTALS AND MULTI-JOINT TRAINING 1 UNIT 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.

HES 122 PERFORMANCE RELATED FITNESS 1 UNIT 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.

HES 123 ASIAN MARTIAL ARTS 1 UNIT 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, flai, 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, grasping, and katas.

HES 124 SPORTS IN AMERICAN HISTORY 3 UNITS 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.

HES 127 ADVANCED ASIAN MARTIAL ARTS 1 UNIT 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, flai, gi, escrima, shiral, 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.

HES 129 BASIC JUJUTSU 1 UNIT CSU
Course covers basic principles of jujutsu, a system of self-defense using the attacker’s aggression against them. The emphasis is on balance and fulcrum more than strength.

HES 131 BEGINNING SPORTS CONDITIONING 2 UNITS CSU, UC
Class designed to advance athletic performance. All phases of strength and power are introduced and addressed through strength, agility, balance, plyometric and speed training. Progression of exercises will be based upon performance assessment after completion of first four weeks.
HES 132 SPORTS IN SOCIETY 3 UNITS
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.

HES 133 INTRODUCTION TO KINESIOLOGY 3 UNITS
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.

HES 135 ADVANCED SPORTS CONDITIONING 1 UNIT
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.

HES 136 SPEED, AGILITY AND CONDITIONING 1 UNIT
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 and 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.

HES 137 LAND BASED STRENGTH AND STABILIZATION 1 UNIT
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.

HES 138 FITNESS ACTIVITIES AND THEORIES 1 UNIT
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.

HES 139 ASIAN MARTIAL ARTS: WEAPONS 1 UNIT
Throughout history, weapons have been used as an extension of the body. The study of martial arts enables one to become prepared for this purpose. 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 HES 123 or equivalent, or instructor's approval.

HES 141 PRINCIPLES OF FITNESS AND PERFORMANCE 3 UNITS
Through lecture and discussion the class will explore the physiological, psychological, and sociological values of fitness and performance of physical 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.

HES 143 PRINCIPLES OF PERFORMANCE LAB 5.1 UNIT
Course related to the continuation of teaching fundamentals, and implementation of plays.

HES 150 INTRAMURALS 5.1 UNIT
A variety of courses including both individual and team sports.

HES 151 EXTRAMURAL ULTIMATE DISC 5.1 UNIT
Regional tournament team play. Instruction in advanced skills of Ultimate Disc. Focusing on conditioning for advanced tournament play.

HES 157 SPORTS OFFICIATING 3 UNITS
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.

HES 158 THEORY OF INTERCOLLEGIATE WOMEN'S TRACK AND FIELD 1 UNIT
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.

HES 159 THEORY OF INTERCOLLEGIATE MEN'S SOCCER 1 UNIT
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.

HES 160 PSYCHOLOGY OF COACHING 3 UNITS
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.

HES 161 THEORY OF INTERCOLLEGIATE WOMEN'S SOCCER 1 UNIT
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.

HES 162 THEORY OF INTERCOLLEGIATE WOMEN'S CROSS COUNTRY 1 UNIT
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.

HES 165 THEORY OF INTERCOLLEGIATE WOMEN'S BASKETBALL 1 UNIT
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.

HES 166 THEORY OF INTERCOLLEGIATE MEN'S BASKETBALL 1 UNIT
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.

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.
HES 167
HOURS: 3 LAB
THREE UNITS
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.

HES 168
HOURS: 3 LAB
THREE UNITS
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.

HES 169
HOURS: 3 LAB
THREE UNITS
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.

HES 170
HOURS: 3 LEC
THREE UNITS
Introduction to Nutrition
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.

HES 171
HOURS: 9 LEC; 27 LAB
ONE UNIT
Beginning Golf
This short term course will offer the individual student the opportunity to learn the basic fundamental skills necessary to play the game of golf.

HES 172
HOURS: 1.5-18 LAB
SIX UNITS
Basic Life Long Fitness
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, tai 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.

HES 174
HOURS: 1.5-18 LAB
SIX UNITS
Intermediate Life Long Fitness
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, tai 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.

HES 175
HOURS: 9 LEC; 27 LAB
ONE UNIT
Beginning Golf Academy
This short term course will offer the individual student the opportunity to learn the basic fundamental skills necessary to play the game of golf.
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 emphasized. Knowledge and adherence to the California Community College Athletic Association and conference guidelines will be strictly enforced.

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.

An advanced level course designed to train students in the off season with specific 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.

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.

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.

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.

An advanced level class 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.

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.

An advanced level class 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.

An advanced level class for intercollegiate Women's Cross Country with specific attention to individual development. Competitive team play and strategy will be covered as well. Knowledge and adherence to the California Community College Athletic Association and conference guidelines will be strictly enforced.

An advanced level class for intercollegiate Baseball competition designed to train student athletes participating in intercollegiate baseball. Methods of competitive team play and strategy will be emphasized. Knowledge and adherence to the California Community College Athletic Association and conference guidelines will be strictly enforced.

An advanced level class for intercollegiate Men's 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.

An advanced level class 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.

An advanced level class for intercollegiate Men's Basketball 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.

An advanced level class 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.

An advanced level class for intercollegiate Men's Basketball 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.

An advanced level class for intercollegiate Women's Cross Country with specific attention to individual development. Competitive team play and strategy will be covered as well. Knowledge and adherence to the California Community College Athletic Association and conference guidelines will be strictly enforced.

An advanced level course designed to train students in the off-season with specific 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.

An advanced level class for intercollegiate Women's Track and Field 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.

An advanced level course designed to train students in the off-season with specific 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.

An advanced level class for intercollegiate Men's Soccer 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.

An advanced level class for intercollegiate Men'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.

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.

An advanced level class 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.

An advanced level class for intercollegiate Women's Track and Field 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.

An advanced level class for intercollegiate Women's Soccer 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.

An advanced level class for intercollegiate Men's Soccer 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.

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.

An advanced class for Baseball competition 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 California Community College Athletic Association and conference guidelines will be strictly enforced.

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.
Advance 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 California Community College Athletic Association and conference guidelines will be strictly enforced.

HES 246 ADVANCED WOMEN'S CROSS COUNTRY
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
HOURS: 10 FIELD
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
HOURS: 1-5 UNITS
A student may take advanced course work or complete a student designed project in Health and Exercise Studies after having completed HES 244 and/or HES 248. This course may be taken as a summer school course. 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.

HIST 102 EARLY WESTERN CIVILIZATION
HOURS: 3 LEC
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
HOURS: 3 LEC
A survey of the history of modern Western Civilizations from the 17th century through to the present including the age of Revolution, Industrialization, Imperialism, and the developments of the 20th century.

HIST 108 THE UNITED STATES TO 1877
HOURS: 3 LEC
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 ENGL 010 or equivalent.

HIST 109 ANCIENT WORLD CIVILIZATIONS
HOURS: 3 LEC
This course is a survey of world history from the Neolithic period to the 7th century. It will examine the political, economic, religious, and social structures that shaped civilizations in Mesopotamia, Egypt, 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.

HIST 110 THE UNITED STATES SINCE 1877
HOURS: 3 LEC
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
HOURS: 3 LEC
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
HOURS: 3 LEC
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
HOURS: 3 LEC
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 NORTHERN EUROPEAN HISTORY
HOURS: 3 LEC
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
HOURS: 3 LEC
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
HOURS: 3 LEC
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”
HOURS: 27 LEC; 54 LAB; 45 FIELD
A survey of the American history from the end of Reconstruction through major political events, 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. 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 will also 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
HOURS: 27 LEC; 54 LAB; 45 FIELD
A survey of the history of the American West from pre-Columbian cultures to the present. The course will explore “democracy in practice” through lecture and discussion, attendance and participation in a community political event, and in a fully supervised and coordinated week in Washington, D.C. It will explore the behavior of key actors in national government institutions. It will also 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 of a seven-to ten-day excursion that includes Virginia, Alabama, and Tennessee. Cross-listed as POL 172 and HUMN 172.
HUMN 100 ART APPRECIATION 3 UNITS
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 media of art will also be explored. Cross-listed with ART 100.

HUMN 101 MUSIC APPRECIATION 3 UNITS
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
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
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 present-day culture. Advisory: ENGL 010 or equivalent.

HUMN 128 FILM APPRECIATION 3 UNITS
CSU (C1), UC, IGETC (3A)
Analytical and critical survey of a genre of films, including fields of production, direction and acting. Cross-listed as ENGL 128.

HUMN 172 DEMOCRACY IN PRACTICE: LANDMARKS OF CIVIL RIGHTS 3 UNITS
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
CSU (C2), UC

HIST 299 SPECIAL TOPICS IN HISTORY 1-3 UNITS
Course covers selected topics in regional, national, or world history as the opportunity arises.

INFORMATION AND COMMUNICATION TECHNOLOGIES

ICT 091 KEYBOARDING I 1.5 UNITS
CSU
Introduction to keyboarding skills and techniques. Client will learn to key at 35 words per minute for five 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
CSU
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
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
CSU (C2)
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
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
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
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
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  CSU
Introduction to visual media production, including composition, editing techniques, camera operation, lighting, audio, and basic editing. This course focuses on 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 is strongly recommended.

ICT 152  AUDIO PRODUCTION  3 UNITS  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 is strongly recommended.

ICT 161  WEB DESIGN  3 UNITS  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 is strongly recommended.

ICT 171  MOBILE APPLICATION DESIGN  3 UNITS  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 is strongly recommended.

ICT 181  GAME DESIGN  3 UNITS  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 is strongly recommended.

ICT 201  PROGRAMMING CONCEPTS AND METHODOLOGY I  3 UNITS  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 is strongly recommended.

ICT 202  PROGRAMMING CONCEPTS AND METHODOLOGY II  3 UNITS  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  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.

ICT 241  ANIMATION  3 UNITS  CSU
Introduction to 3D 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  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  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  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
An intermediate-level welding course designed to develop skills in Shielded Metal Arc Welding, Gaseous Metal Arc Welding, and Gaseous Tungsten Arc Welding and Plasma Arc Cutting. Emphasis on safety regulations established by the National and State Occupational Health and Safety Act. Advisory: It is highly recommended that IT021 is completed prior to enrollment in IT 021 or student receive prior approval by instructor.

IT 050  GENERAL WELDING  2.5 UNITS
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
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
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  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 trigonometric functions and double angle formulas. Applications of trigonometry will be introduced. MATH 10 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
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
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
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
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
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
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
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.
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 Aide or current California Nursing Assistant Certificate.

NURS 111 DRUG DOSAGE CALCULATIONS FOR HEALTH PROVIDERS 3 UNITS
HOURS: 2 LEC CSU
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, BIOL 110, BIOL 112, HES 170, 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-requisites: 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: NURS 112.

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.

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, transcutural 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 1I 3.5 UNITS
HOURS: 24 LAB CSU
Directed supervision clinical component of Basic Medical/Surgical Nursing. Includes direct, transcutural 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, 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, transcutural 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, transcutural 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 care health 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 including 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 0.5 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.
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
HOURS: 6 LAB
2 UNITS
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 240
HOURS: 48 LAB
1 UNIT
CSU
This is the 2nd 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 280
HOURS: 36 LEC
1 UNIT
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. NCA 022
HOURS: 1.5 LEC; 4.5 LAB
THE WORLD OF BREADS
2.5 UNITS
A concentration on the world of yeasted breads: including sandwich, whole grain and artisan breads. NCA 023
HOURS: 1.5 LEC; 4.5 LEC
ADVANCED BAKING
3 UNITS
Desserts, desserts and more desserts. Fancy cakes, perfect pies and tarts, luscious custards, and easily beautiful ways of presenting them all.

NCA 024
HOURS: 2 LEC; 3 LAB
SOURDOUGH BREAD
3 UNITS
Students will produce a true wild yeast sourdough culture to produce a wide variety of world-class sourdough breads.

NAC 001
HOURS: 2 LEC
FOOD SAFETY AND SANITATION
1.5 UNITS
This course introduces 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. HAcCP and hygiene will be studied.

NAC 002
HOURS: 2.4 LEC; 3.6 LAB
PROFESSIONAL CHEF COOKING I
2.5 UNITS
This course will introduce the students to the terminology, basic principles and ingredients used in making baked products in a professional setting. Students will learn how to prepare basic dough, batters, and pastry items. Proper scaling procedures and baking techniques are emphasized.

NAC 003
HOURS: 2 LEC; 3 LAB
PROFESSIONAL CHEF COOKING II
2.5 UNITS
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 004
HOURS: 2 LEC
FOOD SERVICE COST CONTROLS
2 UNITS
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
HOURS: 1.5 LEC; 6 LAB
RESTAURANT OPERATIONS: BREAKFAST
3.5 UNITS
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
HOURS: 1.5 LEC; 6 LAB
RESTAURANT OPERATIONS: LUNCH
3.5 UNITS
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
HOURS: 1.5 LEC; 3 LAB
CATERING FOR THE PROFESSIONAL
2.5 UNITS
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
HOURS: 10 LEC
RESTAURANT SERVICE BASICS
.5 UNIT
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
HOURS: 1.5 LEC; 1.5 LAB
STOCKS AND SAUCES
2 UNITS
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
HOURS: 1.5 LEC
GARDE MANGER
1 UNIT
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
HOURS: .5 LEC; 16 LAB
KNIFE SKILLS
.5 UNIT
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 017
HOURS: 2 LEC; 3 LAB
INTRODUCTION TO CHEMISTRY
2 UNITS
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 018
HOURS: 1.5 LEC; 3 LAB
ADVANCED CATERING MANAGEMENT
2.5 UNITS
Students 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 019
HOURS: 1.5 LEC; 3 LAB
FOOD SERVICE COST CONTROLS
2 UNITS
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 020
HOURS: 1.5 LEC; 3 LAB
FOOD SERVICE COST CONTROLS
2 UNITS
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 021
HOURS: 1.5 LEC; 3 LAB
FUNDAMENTALS OF BAKING
2.5 UNITS
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
HOURS: 1.5 LEC; 4.5 LAB
THE WORLD OF BREADS
3 UNITS
A concentration on the world of yeasted breads: including sandwich, whole grain and artisan breads.

NCA 023
HOURS: 1.5 LEC; 4.5 LEC
ADVANCED BAKING
3 UNITS
Desserts, desserts and more desserts. Fancy cakes, perfect pies and tarts, luscious custards, and easily beautiful ways of presenting them all.

NCA 024
HOURS: 2 LEC; 3 LAB
SOURDOUGH BREAD
3 UNITS
Students will produce a true wild yeast sourdough culture to produce a wide variety of world-class sourdough breads.

NCA 025
HOURS: 1.5 LEC; 3 LAB
FOOD SERVICE COST CONTROLS
2 UNITS
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 026
HOURS: 2 LEC; 3 LAB
FOOD SERVICE COST CONTROLS
2 UNITS
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 027
HOURS: 1.5 LEC; 3 LAB
FOOD SERVICE COST CONTROLS
2 UNITS
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 028
HOURS: 2 LEC; 3 LAB
FOOD SERVICE COST CONTROLS
2 UNITS
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 029
HOURS: 1.5 LEC; 3 LAB
FOOD SERVICE COST CONTROLS
2 UNITS
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 030
HOURS: 2 LEC; 3 LAB
FOOD SERVICE COST CONTROLS
2 UNITS
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 031
HOURS: 1.5 LEC; 3 LAB
FOOD SERVICE COST CONTROLS
2 UNITS
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 032
HOURS: 2 LEC; 3 LAB
FOOD SERVICE COST CONTROLS
2 UNITS
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 033
HOURS: 1.5 LEC; 3 LAB
FOOD SERVICE COST CONTROLS
2 UNITS
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 034
HOURS: 2 LEC; 3 LAB
FOOD SERVICE COST CONTROLS
2 UNITS
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.
Students will become familiar with Mexican cuisine including techniques, ingredients and culture.

Puff pastry, croissants and Danish dough: their construction, shaping, baking and many uses in the pastry kitchen.

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.

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.

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.

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 capsie_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.

This is 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.

This class is designed to introduce students 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.

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This class is designed to introduce students 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.

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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.

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BEGINNING BACKPACKING
HOURS: 9 LEC; 27 LAB
1 UNIT 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.

INTERMEDIATE BACKPACKING
HOURS: 9 LEC; 27 LAB
1 UNIT 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.

MOUNTAINEERING
HOURS: 9 LEC; 27 LAB
1 UNIT 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.

MOUNTAIN BIKING
HOURS: 9 LEC; 27 LAB
1 UNIT 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.

CROSS COUNTRY SKIING
HOURS: 9 LEC; 27 LAB
1 UNIT 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.

TELEMARK SKIING
HOURS: 9 LEC; 27 LAB
1 UNIT 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.

BEGINNING WHITewater KAYAKING
HOURS: 9 LEC; 27 LAB
1 UNIT 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.

INTERMEDIATE WHITewater KAYAKING
HOURS: 9 LEC; 27 LAB
1 UNIT 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 roll 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.

INTERMEDIATE WHITewater KAYAKING
HOURS: 9 LEC; 27 LAB
1 UNIT 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 roll 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.

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.

WILDERNESS FIRST RESPONDER
HOURS: 18 LEC; 54 LAB
2 UNITS 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.

SWIFTWATER RESCUE TECHNICIAN LEVEL 1
HOURS: 9 LEC; 27 LAB
1 UNIT 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 certification.

CHALLENGE COURSE FACILITATION
HOURS: 9 LEC; 27 LAB
1 UNIT 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.

WILDERNESS FIRST RESPONDER RECERTIFICATION
HOURS: 9 LEC; 27 LAB
1 UNIT 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.

AVALANCHE TECHNICIAN LEVEL I
HOURS: 9 LEC; 27 LAB
1 UNIT CSU
This course is designed for aspiring professional guides, emergency response professionals, and recreational skiers and snowboarders 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.

SWIFTWATER RESCUE TECHNICIAN ADVANCED
HOURS: 18 LEC; 54 LAB
2 UNITS 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-drop point pick-off rescue. Upon completion of this class student will be an approved National Fire Protection Agency (NFPA) rope and water rescue technician.

OUTDOOR RECREATION LEADERSHIP
HOURS: 2 LEC; 3 LAB
3 UNITS 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 diverse clientele in an outdoor setting.

OUTDOOR RECREATION LEADERSHIP PROFESSIONAL DEVELOPMENT SEMINAR
HOURS: 2 LEC
2 UNITS CSU
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.

DIRECTED FIELD EXPERIENCE
HOURS: 18-270
1-5 UNITS 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.
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)

An 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.

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: PHIL 101.

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: PHYS 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.
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.

**PSYCHOLOGY**

**PSY 130** INTRODUCTION TO PSYCHOLOGY 3 UNITS CSU (D3), UC, IGETC (4D)

Introduction to the scientific study of behavior and mental processes, including research methodology, perception, memory, motivation, emotion, personality, psychological development, intelligence, and psychobiology.

**PSY 102** INTRODUCTION TO PSYCHOLOGY 3 UNITS CSU (D9), UC, IGETC (4G)

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.

**PSY 160** GLOBALIZATION 3 UNITS CSU (D0), UC, IGETC (4E)

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.

**SOC 100** SEX, GENDER, AND SOCIETY 3 UNITS CSU (D0, D4), UC, IGETC (4D, 4F)

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 SOC160.

**SOC 172** DEMOCRACY IN PRACTICE: LANDMARKS OF CIVIL RIGHTS 3 UNITS 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 HUMAN 172 and HIST 172.

**SOC 102** INTRODUCTION TO SOCIETY 3 UNITS CSU (D0), UC, IGETC (4G)

This course is an introduction to the concepts, perspectives, theories, and methods of sociology. Students will study the individual relationship with society by analyzing socialization and the self; group dynamics, social stratification, diversity, social change, and social institutions in various cultural contexts.
SPAN 101 BEGINNING SPANISH 4 UNITS

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 201 BEGINNING SPANISH II 4 UNITS

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 204 INTERMEDIATE SPANISH II 4 UNITS

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 other activities in class. Knowledge or appropriate background that equates to SPAN 201 is acceptable for entrance into the course.

SOC 101 BEGINNING SPANISH 4 UNITS

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.

SOC 204 INTERMEDIATE SPANISH I 4 UNITS

Spanish 204 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.

SOC 102 BEGINNING SPANISH II 4 UNITS

Continuation of Spanish 101. Prerequisite: Completion of SPAN 101, or equivalent, with a "C" or better.

THEA 105 INTRODUCTION TO ACTING 3 UNITS

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


THEA 110 INTRODUCTION TO MARRIAGE AND THE FAMILY 3 UNITS

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.

THEA 114 DRAMA WORKSHOP TECHNICAL THEATRE 1-4 UNITS

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

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

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.
CAMPUS CONTACT INFORMATION

CAMPUS EXTENSIONS

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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
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Dr. Kevin Trutna, Board Secretary
Mr. Bill Elliott
Mr. Guy McNett
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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
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Mr. Bob Edwards
Mr. John Sheehan
Mr. Bill Elliott
Dr. Kevin Trutna

FEATHER RIVER COLLEGE ADMINISTRATION

Dr. Kevin Trutna - (2013)
Superintendent/President
ktrutna@frc.edu
Ed. D. Education in Adult & Higher Education, Montana State University
M.S. Mathematics, Montana State University
B.S. Mathematics, Loyola University of Chicago

Cynthia Hall - (2000)
Executive Secretary/ Administrative Assistant to the President
chall@frc.edu
A.A. Liberal Studies, Feather River College
A.A. Environmental Studies, Feather River College

Dr. Derek Lerch - (2006)
Dean of Instruction/Chief Instructional Officer (CIO)
dlerch@frc.edu
Ph.D. Geological and Environmental Sciences, Stanford University
M.S. Geophysics, Stanford University
B.A. Geophysics, University of California, Berkeley

Dr. Karen Pierson - (2011)
Chief Student Services Officer (CSSO)
kipierson@frc.edu
Ph.D. Higher Education, Iowa State University
M.S. College Student Personnel, University of Nebraska at Omaha
B.S. Psychology/Sociology, Northwest Missouri State

Dr. Karen Pierson - (2011)
Chief Student Services Officer (CSSO)
kipierson@frc.edu
Ph.D. Higher Education, Iowa State University
M.S. College Student Personnel, University of Nebraska at Omaha
B.S. Psychology/Sociology, Northwest Missouri State

Jim Scoubes - (2005)
Chief Financial Officer/Director of Business Services
jscoubes@frc.edu
M.B.A. Business Administration, California State University, Chico
B.S. Business Administration, California State University, Chico
A.A. Business Administration, Shasta College

David Burris - (2012)
Director of Human Resources/EOO Officer
dburris@frc.edu
M.B.A. Aspen University
B.A. New College of California

Nick Boyd - (1999)
Director of Facilities/Chief Technology Officer
nboyd@frc.edu
Heating and Refrigeration Certificate, University Technical Institute

Merle Trueblood - (1998)
Director of Athletic Operations and Events
mtrueblood@frc.edu
B.S. Business Administration, Excelsior College
A.A. Business Administration, Butte College

Brian Murphy - (2010)
Coordinator of Research and Planning
bmurphy@frc.edu
M.B.A. University of Nevada, Reno
B.S. Business Administration, California State University, Sacramento
FEATHER RIVER COLLEGE FULL-TIME FACULTY

Dr. Michael Bagley – (2002)
Mathematics
mbagley@frc.edu
Ph.D. Civil and Environmental Engineering, University of California, Davis
M.S. Education, Texas A & M University Kingsville
M.S. Civil and Environmental Engineering, University of California, Davis
B.S. Civil Engineering, University of California, Davis

Jerry Hoover – (2007)
Baseball/Health & Exercise Studies
jhoover@frc.edu
Administration of Justice
M.S. Education, Texas A & M University Kingsville
M.S. Civil and Environmental Engineering, University of California, Davis
B.S. Civil Engineering, University of California, Davis

Dr. Tom Heaney – (2001)
History
Dr. Tom Heaney – (2001)
kdesmond@frc.edu
Political Science/Sociology/History
M.A. English and Comparative Literature, Columbia University
B.A. Literature-English, University of California, Santa Cruz

Dr. Chris Connell – (1996)
English
Dr. Chris Connell – (1996)
cconnell@frc.edu
Ph.D. English, University of Iowa
M.A. English and Comparative Literature, Columbia University
B.A. Literature-English, University of California, Santa Cruz

Dr. Darla DeRuiter – (2004)
Environmental Studies/Outdoor Recreation Leadership
dderuiter@frc.edu
Ph.D. Human Dimensions of Wildlife, Colorado State University
M.S. Resource Recreation, Colorado State University
B.A. Environmental Design, University of Colorado-Boulder

Dr. Katie Desmond – (2008)
Political Science/Sociology/History
kdesmond@frc.edu
Ph.D. Political Science, Northern Arizona University
M.A. Political Science, Northern Arizona University
B.A. Political Science, California State University, Chico

Dr. Tom Heaney – (2001)
History
theaney@frc.edu
Ph.D. History, UC Irvine
M.A. History, California State University, Sacramento
B.S. Philosophy, San Francisco State University

Jerry Hoover – (2007)
Administration of Justice
jhoover@frc.edu
M.P.A. Public Administration, Harvard University
M.A. Anthropology, Colorado State University
B.A. Anthropology, San Diego State University

Dr. Jeanette Kokosinski – (1993)
Instructional Resource Director
Chemistry/Math
jkokosinski@frc.edu
Ph.D. Chemistry, University of Maine
M.S. Chemistry, Illinois State University
B.S. Spanish/Math, Illinois State University

Judy Mahan – (2010)
Nursing
jmhahan@frc.edu
M.S. Nursing, Trident University
B.A. Geography, California State Northridge
A.S. Nursing, Modesto Jr. College
A.A. History, Moore Park College

Shelley Miller – (1980)
Early Childhood Education
smiller@frc.edu
B.A. Child Development, Humboldt State University

Equine Studies
cmills@frc.edu
M.S. Reproductive Physiology, University of Nevada, Reno
B.S. Animal Science, California State University, Fresno

Dr. Joan Parkin – (2006)
English
jparkin@frc.edu
Ph.D. Comparative Literature, The City University of New York
M.A. Comparative Literature, The City University of New York
B.A. English, Boston University

Russell Reid – (1978)
Equine Studies
rreid@frc.edu
M.S. Recreation and Parks Management, California State University, Sacramento
B.S. AG Business, California State Polytechnic, San Luis Obispo

Randy Rick – (2001)
Men’s Basketball/Health & Exercise Studies
rrick@frc.edu
B.S. Physical Education, California State University, Chico

Agriculture Instructor - Rodeo Coordinator
jsegura@frc.edu
M.S. Agriculture- Environmental Policy, CA State Polytechnic, San Luis Obispo
B.S. Earth Science, California State Polytechnic, San Luis Obispo

Rick Stock – (2000)
Outdoor Recreation Leadership
rstock@frc.edu
Ed. D. (ABD) Educational leadership, University of Northern Colorado
M.A. Recreation Administration, California State University, Chico
B.A. Sociology/Criminology, St. Thomas University
St. Paul, MN

Darryl Swarm – (2012)
Library Director
dswarm@frc.edu
M.L.I.S. Library and Information Science, San Jose State University
M.A. Environmental Design, California State Polytechnic University, Pomona
B.S. Geological Sciences, La Sierra University, Riverside, CA

Dr. Nathan Tharp – (2013)
Information & Communication Technologies
ntharp@frc.edu
Ed. D. Leadership and Administration, CSU Sacramento
M.M. Commercial Music, CSU Los Angeles
B.M. Music Production and Engineering, Berklee College of Music

Biology
athompson@frc.edu
M.S. Integrative Biology, University of California, Berkeley
B.S. Plant Biology, University of California, Berkeley

Bridget Tracy – (2013)
Environmental Studies/Earth Sciences
btracy@frc.edu
M.S. Hydrologic Sciences, University of California, Davis
B.S. Forestry & Natural Resources Management, University of CA, Berkeley

Michael Welser – (1991)
Business
mwelser@frc.edu
M.B.A. Marketing, San Diego State University
B.A. German, California State University, Long Beach

Haley White – (2007)
Women’s Basketball/Health & Exercise Studies
hwhite@frc.edu
M.A. Sports Administration, Eastern New Mexico University
Teaching Credential, Humboldt State
B.S. Kinesiology, Physical Education, Coaching

Don Williams – (2010)
Women’s and Men’s Soccer/Health & Exercise Studies/Business
dwilliams@frc.edu
M.B.A. - Sports Management, Columbia Southern University, Orange Beach, AL

Dr. Anna Thompson – (2004)
Biology
athompson@frc.edu
M.S. Integrative Biology, University of California, Berkeley
B.S. Plant Biology, University of California, Berkeley

Rick Stock – (2000)
Outdoor Recreation Leadership
rstock@frc.edu
Ed. D. (ABD) Educational leadership, University of Northern Colorado
M.A. Recreation Administration, California State University, Chico
B.A. Sociology/Criminology, St. Thomas University
St. Paul, MN

Darryl Swarm – (2012)
Library Director
dswarm@frc.edu
M.L.I.S. Library and Information Science, San Jose State University
M.A. Environmental Design, California State Polytechnic University, Pomona
B.S. Geological Sciences, La Sierra University, Riverside, CA

Dr. Nathan Tharp – (2013)
Information & Communication Technologies
ntharp@frc.edu
Ed. D. Leadership and Administration, CSU Sacramento
M.M. Commercial Music, CSU Los Angeles
B.M. Music Production and Engineering, Berklee College of Music

Biology
athompson@frc.edu
M.S. Integrative Biology, University of California, Berkeley
B.S. Plant Biology, University of California, Berkeley

Bridget Tracy – (2013)
Environmental Studies/Earth Sciences
btracy@frc.edu
M.S. Hydrologic Sciences, University of California, Davis
B.S. Forestry & Natural Resources Management, University of CA, Berkeley

Michael Welser – (1991)
Business
mwelser@frc.edu
M.B.A. Marketing, San Diego State University
B.A. German, California State University, Long Beach

Haley White – (2007)
Women’s Basketball/Health & Exercise Studies
hwhite@frc.edu
M.A. Sports Administration, Eastern New Mexico University
Teaching Credential, Humboldt State
B.S. Kinesiology, Physical Education, Coaching

Don Williams – (2010)
Women’s and Men’s Soccer/Health & Exercise Studies/Business
dwilliams@frc.edu
M.B.A. - Sports Management, Columbia Southern University, Orange Beach, AL
Feather River College is located in Quincy, California, which is 75 miles from Reno, Nevada. FRC is a 2 1/2 hour drive 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.