

Spring 2011

Addendum to the 2009-11 Catalog



College
OF THE
Siskiyou

The addendum contains
important changes to
COS 2009-11 Catalog
since its publication

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College of the Siskiyous
Addendum to the 2000-11 Catalog
April 2011

The current 2009-2011 College of the Siskiyous Catalog will be extended through spring 2012. COS will produce a new catalog for 2012-14. **This addendum reflects all changes or corrections through April 5, 2011, and supersedes the Catalog Addendum published in April 2010. This Addendum should be used along with the existing 2009-2011 catalog.**

Students are strongly encouraged to contact Counseling Services at 530.938.5353 or email at counselingservices@siskiyous.edu for information about any of the following changes.

Catalog Addendum Format: The first column refers to the page number in the College of the Siskiyous 2009-11 Catalog, and the second column specifies the changes.

Important Notice: Effective Summer 2011, College of the Siskiyous will adopt a new course numbering system. Several disciplines have also changed their course prefixes. The section below will replace the Course Numbering System information on Page 27 of the 2009-11 Catalog.

New Course Numbering System

College of the Siskiyous has revised its course numbering to a four-digit system as follows, effective summer 2011:

- 0200-0299:** Experimental courses that are offered on a trial basis.
- 0300-0399:** Fee-based community services courses; not degree applicable.
- 0400-0499:** Courses used for learning communities.
- 0500-0699:** Non-credit courses; not degree applicable.
- 0800-0899:** Credit courses; not degree applicable.
- 0900-0999:** Credit courses; degree applicable, but not transferable.
- 1000-2999:** Credit courses; degree applicable and transferable.
- 9000-9999:** Professional training courses.

All courses offered at COS meet the standards of California Administrative Code, Title 5 Section 55002.

Course Prefix Changes

The following disciplines have changed their course prefixes, effective summer 2011:

Discipline	Old Prefix	New Prefix
Fire Technology/Hazardous Materials	FTHM	FIRE
Fire Technology/Specialty Course	FTSC	FIRE
Fire Technology/State Fire Marshall	FTSM	FIRE
Media Communication	COMM	MCOM
Speech Communication	SPCH	COMS
Community Services courses		Begins with "X"

For a complete list of courses cross-referencing the old and new course numbers, visit the College website at: <http://www.siskiyous.edu/schedules/documents/renumberxref.pdf>.

2009-11 Catalog Page #	ADD / CORRECT/ DELETE / MODIFY														
7	<p>MODIFY: Section “Oregon Students at College of the Siskiyou” Oregon students who qualify for the Southern Oregon University (SOU) or Oregon Institute of Technology (OIT) interstate exchange programs pay only \$42 per semester unit. SOU and OIT established the qualifications for participation in this program. To determine if you are eligible, please contact:</p> <table border="0"> <tr> <td>Southern Oregon University</td> <td>Oregon Institute of Technology</td> </tr> <tr> <td>Admissions Office</td> <td>Admissions Office</td> </tr> <tr> <td>1250 Siskiyou Blvd.</td> <td>3201 Campus Dr.</td> </tr> <tr> <td>Ashland, OR 97520-5032</td> <td>Klamath Falls, OR 97601</td> </tr> <tr> <td>541.552.6411</td> <td>541.885.1000</td> </tr> <tr> <td>800.482.7672</td> <td>800.422.2017</td> </tr> <tr> <td>www.sou.edu</td> <td>www.oit.edu</td> </tr> </table> <p>New Permits are accepted for Fall Semester only.</p>	Southern Oregon University	Oregon Institute of Technology	Admissions Office	Admissions Office	1250 Siskiyou Blvd.	3201 Campus Dr.	Ashland, OR 97520-5032	Klamath Falls, OR 97601	541.552.6411	541.885.1000	800.482.7672	800.422.2017	www.sou.edu	www.oit.edu
Southern Oregon University	Oregon Institute of Technology														
Admissions Office	Admissions Office														
1250 Siskiyou Blvd.	3201 Campus Dr.														
Ashland, OR 97520-5032	Klamath Falls, OR 97601														
541.552.6411	541.885.1000														
800.482.7672	800.422.2017														
www.sou.edu	www.oit.edu														
11	<p>MODIFY: Section “Unit Limitation” Unit limitation has changed from 20 units to 18 units. (Per Administrative Procedure AP 5111)</p>														
12-13	<p>MODIFY: Money Matters At time of printing, some fees have changed as shown below: Enrollment Fee: \$36 per unit (\$18 per ½ unit) Non-Resident Tuition: \$222 per unit (\$111 per ½ unit)</p>														
22	<p>MODIFY: Definition of Residence in Section “Associate Degree Requirements” Residence: Complete the last 12 degree-applicable units or a total of 24 degree-applicable units at COS.</p>														
22	<p>ADD: General Education Student Learning Outcomes</p> <p>Area A: English Composition / Information Competency Upon successful completion of the course, the student should be able to:</p> <ol style="list-style-type: none"> 1) Use the stages of the writing process to construct effective, coherent paragraphs and documents. 2) Edit documents for style appropriate for the writing situation. 3) Edit documents for Standard English grammar, punctuation, usage, and spelling. 4) Use the stages of the research process to construct focused and successful research strategies. 5) Locate and evaluate for credibility information provided by the library, Internet resources, and other sources. 6) Demonstrate an understanding of the ethical and legal principles surrounding information and information technology, including plagiarism 														

and copyright.

- 7) Organize and integrate researched information into documents by properly using quotations, paraphrases, and summaries and by accurately citing sources using recognized documentation formats (e.g. MLA or APA).

Area B: Mathematics

Upon successful completion of the course, the student should be able to:

- 1) Students should be able to set up, manipulate, graph, solve, or apply standard algebraic expressions and equations.

Area C: Natural Science

Upon successful completion of the course, the student should be able to:

- 1) Demonstrate a basic knowledge of a discipline's major facts and concepts.
- 2) Determine whether or not a proposed explanation, experimental result, or observation is consistent with a scientific hypothesis for a natural phenomenon and effectively communicate that analysis to others.
- 3) Correctly formulate, solve, and interpret the results of a variety of problems relevant to a natural science.

Area D: Humanities

Upon successful completion of the course, the student should be able to:

- 1) Demonstrate an awareness of the ways in which people through the ages and in different cultures have responded to themselves and the world around them in artistic and cultural creation.
- 2) Demonstrate an understanding of the interrelationship between the creative arts, the humanities, and themselves.
- 3) Demonstrate the ability to analyze and appreciate works of philosophical, historical, literary, aesthetic, and cultural importance.

Area E: Social and Behavioral Sciences

Upon successful completion of the course, the student should be able to:

- 1) Understand the principles, perspectives and methods of inquiry used by the social and behavioral sciences.
- 2) Critically explain how people act and have acted in response to their societies.
- 3) Demonstrate an understanding of how societies and social subgroups operate.
- 4) Demonstrate and understand social and behavioral sciences research methodology and effectively communicate research results and conclusions.

Area F: Communication and Analytical Thinking

Upon successful completion of the course, the student should be able to:

- 1) Demonstrate the relationship between language and logic by using evaluative thought processes.
- 2) Use elementary inductive and deductive processes to solve problems.
- 3) Analyze situations presented to an educated citizen and recognize common logical errors or fallacies.
- 4) Develop clear and precise expression of ideas in whatever symbol system the student uses.

Area G: Wellness

Upon successful completion of the course(s), the student should be able to:

- 1) Demonstrate knowledge of the major facts and concepts of physical fitness.

	<ol style="list-style-type: none"> 2) Demonstrate practical techniques for assessing one's own fitness status. 3) Participate in correctly performed activities designed to improve or maintain physical fitness. 4) Compare and Contrast the potential risks as well as benefits associated with exercise. <p>Area H: Reading Competency Upon successful completion of the course, the student should be able to:</p> <ol style="list-style-type: none"> 1) Adjust reading rate according to purpose and difficulty of materials. 2) Use different context clues to understand the meaning of unfamiliar vocabulary. 3) Locate and identify topics, topic sentences, central point, and major and minor supporting details. 4) Identify the implied main idea of a reading selection. 5) Identify and locate transitions and patterns of organization in reading selections. 6) Make accurate inferences and distinguish the difference between facts and opinions. 7) Identify the purpose, tone, and bias of a reading selection. 8) Recognize the points and supports of an argument, inadequate support, and irrelevant information in a reading selection. <p>Area I: Diversity Upon successful completion of the course, the student should be able to:</p> <ol style="list-style-type: none"> 1) Identify and explain diverse cultural customs, beliefs, traditions or life styles or to contrast the experience of a historically under-represented group with that of the dominant culture. 2) Demonstrate an understanding of personal, social, or historical biases and prejudices.
23	MODIFY: Courses are periodically added to the COSGE pattern. The updated list of approved courses is available at: http://www.siskiyous.edu/apply/documents/aa.pdf
24	MODIFY: Courses are periodically added to the CSUGE pattern. The updated list of approved courses is available at: http://www.siskiyous.edu/apply/documents/csuge.pdf
25	MODIFY: Courses are periodically added to the IGETC pattern. The updated list of approved courses is available at: http://www.siskiyous.edu/apply/documents/igetc.pdf
26	MODIFY: Courses are periodically added to the SOUGE pattern. The updated list of approved courses is available at: http://www.siskiyous.edu/apply/documents/souge.pdf
27	MODIFY: Associate Degree and Certificate Programs 1. Additional programs approved: Alcohol and Drug/Human Services (AA, COA) Creative Writing (COA) Environmental Resources: <ul style="list-style-type: none"> • Natural Resources Technology (AS, COA) • Power Generation Technology (AS, COA, C) • Sustainable Communities (AS, COA) Firefighter I (COA) Philosophy (AA)

	<p>Communication Studies (AA-T option; pending approval)</p> <p>2. Associate Degree for Transfer Effective Fall 2011, College of the Siskiyous will start to offer a type of transfer degree called Associate Degree for Transfer. The Associate in Arts for transfer (AA-T) or Associate in Science for Transfer (AS-T) degrees are associate degrees that comply with the Student Transfer Achievement Reform Act (SB 1440, now codified in California Education Code sections 66746-66749, effective Fall 2011). The law states that students will have guaranteed admission to a California State University (CSU) campus upon successful completion of the following requirements:</p> <p>(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:</p> <ul style="list-style-type: none"> • The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSUGE) requirements. • A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district. Students must earn a C or better in all courses required for the major or area of emphasis. <p>(2) Obtainment of a minimum grade point average (GPA) of 2.0. (Some majors may require a higher GPA)</p> <p>The Associate Degree for Transfer is intended for students who plan to complete a bachelor’s degree in a similar major at a CSU campus. Students should consult with a counselor to check whether this degree is the best option for your transfer goal.</p>
27	<p>MODIFY: Course Numbering System – See “Important Notice” on Page 2 of this Addendum.</p> <p>DELETE: Section “California Articulation Number (CAN) System”</p>
27	<p>DELETE: Section “Support Hour Courses” <i>Important note: Support Hour is removed from all COS courses.</i></p> <p>ADD: Section Academic Support Courses</p> <p>The following list of academic support courses provide students additional assistance in various disciplines and study skills:</p> <p>CSCI 0870 (70) – Computer Lab ENGL 0870 (70) – Writing Lab MATH 0870 (70) – Math-Science Lab READ 0870 (70) – Beginning ESL Reading Skills EDUC 0670 (670) – Critical Skills Lab ENGL 0885 (85) – Language Skills Lab</p> <p>These are open-entry courses. Student attendance is established and monitored by timekeeper software, which is activated through a log-on process.</p> <p>COS also offers EDUC 0596 (GUID 596) – Supervised Tutoring, which is regularly</p>

	scheduled.
31	MODIFY: ADJ 1512 (ADJ 12) PC 832- Reserve Office Training Prerequisites: Department of Justice fingerprint clearance (Penal Code 13511.5)
31	MODIFY: ADJ 1514 (ADJ 14) Level III Reserve Officer Training Prerequisites: Department of Justice fingerprint clearance (Penal Code 13511.5)
31	MODIFY: ADJ 2516 (ADJ 16) Level II Reserve Officer Certification Prerequisite: Department of Justice fingerprint clearance (Penal Code 13511.5) Advisory: ADJ 2014 (ADJ 14), READ 0990 (READ 10)
33	MODIFY: AG 9054 (AG 54) HORSE HUSBANDRY 3 units, 3 lecture hours Graded Advisory: ENGL 1001 (ENGL 1A) This course is a survey of the equine industry. Throughout the duration of the semester, students will be discussing the various aspects of breeds and breeding practices, equine selection and evaluation, nutrition, disease control, equipment, facilities, business aspects, exercise, and training principles. (AA)
33	ADD: AG 9061 (AG 61) Applied Agriculture & Food Skills Lab 3 units, 2 lecture, 3 lab hours Graded In this course, students will learn the basic principles of ecological agriculture: how different farming methods affect the soil and climate and how to make compost, plant a garden, harvest, and preserve food. The lecture portion of the course will cover farm policy. The course includes working in the COS greenhouse as well as field trips to local farms, ranches, and commercial kitchens. (AA)
34	MODIFY: Alcohol and Drug/Human Services Program Program Learning Outcomes Upon successful completion of this program, the student should be able to <ul style="list-style-type: none"> • Describe current practices in human services and addiction prevention, treatment, and recovery as they relate to criminal justice, human development and health relations within the culture as a whole. • Analyze, compare, and contrast the themes of human service needs and their significance within the American culture. • Analyze and describe physiological and pharmacological aspects of substance abuse and dependence. • Demonstrate how drugs affect different body systems, cause side effects, and produce different addictive and abusive behaviors within the population. • Apply knowledge, skill, and understanding for competent performance in Alcohol and Drug and Human Services settings.

Degree/Certificate Options

Associate in Arts Degree: Alcohol and Drug / Human Services

Certificate of Achievement: Alcohol and Drug / Human Services

Associate in Arts Degree

Alcohol and Drug / Human Services

This program provides academic preparation and field experience for individuals employed, or preparing for employment, as alcohol and drug abuse counselors and as Human Services workers. To earn an associate degree the student must complete the core courses and restricted elective courses from each section as designated below. The Alcohol and Drug / Human Services program is accredited by the California Association for Alcohol and Drug Educators and designed to meet the certification requirements for both the California Association for Alcohol and Drug Educators (CAADE) and the California Association of Alcohol and Drug Abuse Counselors (CAADAC) and other state certifying bodies. Students interested in pursuing advanced education in either field should meet with a counselor to discuss their options.

Requirements for the Major:***Complete the following:***

- ADHS 1001 (1) – Introduction to Human Services (3)
- ADHS 1010 (10) – Introduction to Chemical Dependency (3)
- ADHS 1011 (11) – Community Outreach & Referral (3)
- ADHS 1512 (12) – Family Counseling (1.5)
- ADHS 1013 (13) – Relapse Prevention (1)
- ADHS 1514 (14) – Professional Growth (1.5)
- ADHS 1515 (15) – Physiology & Pharmacology (3)
- ADHS 1516 (16) – Personal Growth (1.5)
- ADHS 1517 (17) – Ethics for the Helping Professions (2)
- ADHS 2018 (18) – Assessment & Case Management (3)
- ADHS 2519 (19) – Basic Helping Skills (3)
- ADHS 2020 (20) – Alcohol and Drug/Human Services Practicum (2.5-5)

Complete one of the following:

- ECE 1999 (5) – Human Development (3)
- ECE 1002 (6) – Child Development (3)

Complete two of the following:

- ADHS 1521 (21) – Identity and Cultural Awareness (1)
- ADHS 1025 (25) – Conflict Management/Negotiation (3)
- ADHS 2526 (26) – Understanding Disability (3)
- ADHS 2540 (40) – Society, Aging & Dying (3)
- ADHS 0950 (50) – Stages of Addiction Recovery (1.5)

Total Major Units: 32.5-38.5

All courses must be completed with a grade of C or better.

In addition to the major requirements, students need to complete general education requirements and electives to reach the minimum of 60 degree-applicable units required for the associated degree. Students must complete a general education pattern that is appropriate for their educational goal. Students who plan to earn an

associate degree from COS need to complete the COSGE pattern. Consult with an advisor or a counselor to plan the courses necessary to achieve your academic goal.

Certificates of Achievement
Alcohol and Drug / Human Services

The Certificate of Achievement in Alcohol and Drug / Human Services includes the following course work and supervised field work practicum required by the California Association of Alcoholism and Drug Abuse Counselors (CAADAC) for certification.

Program Requirements:

- ADHS 1010 (10) – Introduction to Chemical Dependency (3)
- ADHS 1011 (11) – Community Outreach & Referral (3)
- ADHS 1512 (12) – Family Counseling (1.5)
- ADHS 1013 (13) – Relapse Prevention (1)
- ADHS 1514 (14) – Professional Growth (1.5)
- ADHS 1515 (15) – Physiology & Pharmacology (3)
- ADHS 1516 (16) – Personal Growth (1.5)
- ADHS 1517 (17) – Ethics for the Helping Professions (2)
- ADHS 2018 (18) – Assessment & Case Management (2)
- ADHS 2519 (19) – Basic Helping Skills (3)
- ADHS 2020 (20) – Alcohol and Drug/Human Services Practicum (4)

Total Certificate Units: 25.5

Program Readiness Requirement:

A student may be denied or postponed placement in ADHS 20, Alcohol and Drug/Human Services Practicum, if he or she is not ready for placement in an agency providing the clinical experience. The “readiness” determination will be made jointly by the agency and at least two instructors teaching in the program prior to placement. Criteria will be based on a minimum of completion of at least 50% of the course work listed above, clean and sober for a minimum of two years, evaluation of potential for relapse, emotional maturity, and responsible and professional conduct. Should a relapse occur while participating in the Practicum, the student will be disqualified immediately.

Courses:

ADHS 0950 (ADHS 50)
Stages Of Addiction Recovery
1.5 units, 24-27 total lecture hours
Graded

This course will explore the four stages of recovery from entering rehab to late stage recovery while addressing current theory techniques for assisting recovering people. (AA)

ADHS 1001 (ADHS 1)
Introduction To Human Services
3units, 3 lecture hours
Graded

This course is an introduction to the broad spectrum of human services. The course includes an exploration of the history, theories of human service practice, and the impact of legislative mandates upon program planning for human service delivery. The course will

study a variety of local agencies looking at the populations they serve, the politics and economics of the system and evaluation of the legal and social issues with such a delivery system. (AA, CSU)

ADHS 1010 (ADHS 10)
Introduction To Chemical Dependency
3 units, 3 lecture hours
Graded
Advisory: ENGL 1001 (ENGL 1A)

This course presents an overview of the problems and other drug abuse and dependency. Designed as an introduction to a certificate program in addiction studies for professionals, counselors in training, and others interested in the field. This course will include a survey of the history and theories of psychoactive substance use in the U.S., current patterns of abuse and dependency, and the public policies mounted in response to chemical and other addictions in America today. (AA, CSU)

ADHS 1011 (ADHS 11)
Community Outreach And Referral
3 units, 3 lecture hours
Graded

Students will explore the concepts of alcohol and other drug prevention, substance abuse, community education, Human Services communication and crisis counseling techniques and theories. (AA, CSU)

ADHS 1025 (ADHS 25)
Conflict Management And Negotiation
3 units, 3 lecture hours
Graded

This course is designed to prepare students to effectively handle conflict both inside and outside the workplace. The course will focus on anger management, communication skills, consensus building, and negotiations within the Alcohol and Drug and Human Services field. (AA, CSU)

ADHS 1512 (ADHS 12)
Family Counseling
1-1.5 units, 16-27 total lecture hours
Graded

This course will explore theories of family interaction and roles in the chemically dependent family and techniques for motivating family involvement in the treatment process. (AA, CSU)

ADHS 1013 (ADHS 13)
Relapse Prevention
1 unit, 1 lecture hour
Graded

This course will provide students the opportunity to better understand the dynamics of

chemical dependency relapse and its prevention delineate the role of aftercare planning, and provide techniques for consultation and referral. (AA, CSU)

ADHS 1514 (ADHS 14)
Professional Growth
1.5 units, 32-36 total lecture hours
Graded

Students will explore ethical and professional standards and resources available for translating various codes of ethics into professional behavior for alcohol and drug counselors, as well as human services workers. (AA, CSU)

ADHS 1515 (ADHS 15)
Physiological And Pharmacological Aspects Of Substance Abuse
3 units, 3 lecture hours
Graded

This class will survey the physiological and pharmacology aspects of psychoactive substance abuse and addiction. Major areas of inquiry include theories of addiction, the classification of psychoactive drugs and their effects within the human body, social and medical approaches to treatment, and issues of public drug policy. (AA, CSU)

ADHS 1516 (ADHS 16)
Personal Growth
1.5 units, 24-27 total lecture hours
Graded

This course will address the signs and symptoms of counselor burnout, develop awareness of personal strengths and limitations, and increase skills for self-care for those helpers in the alcohol, drug, and human services fields. (AA, CSU)

ADHS 1517 (ADHS 17)
Ethics For The Helping Professions
2 units, 32-36 total lecture hours
Graded

This course will survey current legal sanctions, specific issues regarding employment problems, clients' rights, professional liability, and state and federal regulations. Ethical issues for both drug and alcohol studies and human services will be addressed, including confidentiality, boundary issues, and legal responsibilities. (AA, CSU)

ADHS 1521 (ADHS 21)
Identity And Cultural Awareness
1 unit, 16-18 total lecture hours
Graded

This course will explore cultural diversity issues within the addiction and Human Services field/setting with regard to age, gender, sexual identity and ethnicity. (AA, CSU)

ADHS 2018 (ADHS 18)
Assessment And Case Management/Advocacy Skills

3 units, 3 lecture hours

Graded

This course will examine intake assessment, basic case management skills, and culturally sensitive advocacy skills for professionals and paraprofessionals. (AA, CSU)

ADHS 2020 (ADHS 20)

Alcohol And Drug/Human Services Practicum

2.5-5 units, 21 total lecture hours, and 75-225 total lab hours

Graded

This course provides students the opportunity to develop knowledge, understanding, and beginning competence in the field of chemical dependency counseling and human services, by providing hands-on work in the field under approved supervision. For completion of certification, students can repeat this course for a total of 330 practicum hours. (AA, CSU)

ADHS 2519 (ADHS 19)

Basic Helping Skills

3 units, 3 lecture hours

Graded

Students will explore the therapeutic approaches, techniques, and purposes of counseling groups and individuals for alcohol and other drug problems in the Human Service system. (AA, CSU)

ADHS 2526 (ADHS 26)

Understanding Disability

3 units, 3 hours lecture

Graded

This course provides a survey of diverse disability conditions that occur throughout the human lifespan and explores the history and culture of the disability experience in the United States. This course also explores historical and contemporary perspectives on the definition of disability. Students will examine rights, prejudices, and core social and ethical issues that influence the experience of disability within American culture. (AA, CSU)

ADHS 2540 (ADHS 40)

Society And Aging

3 units, 3 lecture hours

Graded

This course will examine the social, physical, and political aspects of an aging society. The interactive course provides the basics of Gerontology (the study of aging) through lecture, video, research, and experiential involvement, and by discussion with people currently working in the field of aging. (AA, CSU)

ADHS 2949 (ADHS 49)

Work Experience

0.5-8 units, 24-432 total lab hours

Graded

	<p>Occupational Work Experience is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the student's educational or occupational goal. Students can earn a maximum of 16 semester units, .5-8 units/semester.</p> <p>For more ADHS program and course information, visit the website: www.siskiyous.edu/cte/alcohol or contact CTE office at 530.938.5578.</p>
37	<p>MODIFY: ART 1002 (ART 3A), ART 1003 (ART 3B), ART 1004 (ART4A), ART 1504 (ART 4B), ART 1009 (ART 9A), ART 1509 (ART 9B), ART 1010 (ART 10A), and ART 1510 (ART 10B) 3 units, 2 lecture / 4 lab hours</p>
41	<p>ADD: ART 0854 (ART 54) Introduction to Painting 1.5 units, 1 lecture/2 lab hours Graded</p> <p>ART 0854 is an introductory course in oil and acrylic methods and materials. Exploration of media, color theory, and demonstration of techniques and styles of painting are studied. (NDA)</p>
42	<p>MODIFY: Biology program</p> <p>Requirements for the Major: BIO 2100 (1A) – General Biology I: The Unity of Life (5) BIO 2200 (1B) – General Biology II: The Diversity of Life and Ecology (5) CHEM 2000 (1A) - General Chemistry I (5) CHEM 2100 (1B) - General Chemistry II (5) Total Major Units: 20</p> <p>All courses must be completed with a grade of C or better.</p> <p>In addition to the major requirements, students need to complete general education requirements and electives to reach the minimum of 60 degree-applicable units required for the associate degree. Consult with an advisor or a counselor to plan the courses necessary to achieve your academic goal.</p>
42-43	<p>DELETE: BIO 1, BIO 2, BIO 3</p> <p>ADD: BIO 2100 (BIO 1A) General Biology I: The Unity of Life 5 units, 3 lecture hours, 6 lab hours Graded Prerequisite: MATH 0980 (53) and BIO 0891 (91)</p> <p>An overview of the science of biology with emphases on hypothesis testing and investigative techniques, biological molecules, cellular structure and function, energy acquisition and metabolism, mechanisms and patterns of inheritance, molecular genetics, biotechnology, development, and evolution. For Biology majors. (AA, CSU, UC)</p> <p>ADD: BIO 2200 (BIO 1B) General Biology II: Life and Ecology</p>

	<p>5 units, 3 lecture hours, 6 lab hours Graded Prerequisite: BIO 2100 (1A)</p> <p>An overview of the science of biology with emphases on hypothesis testing and investigative techniques, the history of life, biological classification and the diversity of life, plant and animal anatomy and physiology, ecology, and animal behavior. For Biology majors. (AA, CSU, UC)</p> <p>ENVR 1002 (ENVR 2) Environmental Science 4 units, 3 lecture hours, 3 lab hours Graded</p> <p>This lab course introduces students to the issues, methodologies, and content in environmental science. Through lectures, laboratories, and discussions, students will learn about science as a process, energy in the human and natural worlds, ecological processes at the population, community, and ecosystem levels, impacts of humans on the environment, the social and cultural context of human's relationship with the environment, and sustainability. (AA, CSU, UC)</p>
44	DELETE: BIO 15 Aquatic Biology
44	<p>ADD: BIO 2949 (BIO 49) Work Experience in the Biological Sciences 0.5-8 units, 24-432 total lab hours Graded</p> <p>Occupational work experience is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the student's education or occupational goal. This course may be taken for credit a maximum of 4 times. (AA,CSU)</p>
45	<p>ADD: BA 0950 Introductory Word Processing/Keyboarding 3 units, 3 lecture hours Graded</p> <p>This course is designed to introduce students to basic keyboarding and word processing software. Students will be able to key (type) alphabetical characters, numbers including using the ten-key pad, and symbols using the touch method on a computer. (AA)</p>
45-47	CORRECT: The requirements for the Accounting, Administrative Assistant, and Office Assistant associate degree majors and certificates of achievement include completion of either the OA 0901 & 0902 & 0903 (OA 57A&B&C), a 4-unit series <u>OR</u> OA 0958 (OA 58), a 3-unit course.
45-47	MODIFY: Accounting Degree and Certificate of Achievement Total units required: 36-39
46-47	DELETE: Remove OA 70 and OA 71 as options in Certificate of Achievement in Administrative Assistant.

	<p>MODIFY: Administrative Assistant Degree and Certificate of Achievement Total Certificate Units: 41-43</p>
46-47	<p>MODIFY: Office Assistant Degree and Certificate of Achievement Total Certificate Units: 27-29</p>
50	<p>ADD: BA 0973 (BA 73) Triple Bottom Line Business 1 unit, 1 lecture hour Graded</p> <p>This course introduces students to the concept of business as a means of economic, social, and environmental contribution. Students will explore what measures define "triple bottom line" businesses where financial, ecologic, and social sustainability are equally prioritized. Knowledge gained from these investigations will enhance consumer buying, employee desirability, and entrepreneurial pursuits in today's emerging green economy. (AA)</p>
52	<p>MODIFY: OA 1024 (OA 24) Beginning Spreadsheets 3 units, 2 lecture / 3 lab hours</p>
53	<p>CORRECT: OA 0901 (OA 57A) Introduction to Practical Accounting is degree applicable (AA).</p>
53	<p>CORRECT: OA 0902 (OA 57B) Practical Accounting-Special Journals is degree applicable (AA) and has a prerequisite of OA 57A.</p>
53	<p>CORRECT: OA 0903 (OA 57C) Practical Accounting-Payroll and Banking is degree applicable (AA) and has a prerequisite of OA 57A, and Advisories of MATH 65 or MATH 64A and 64B or equivalent.</p>
54	<p>MODIFY: The requirements for the Chemistry major have been changed. Check with the faculty or a counselor for details.</p>
54	<p>MODIFY: CHEM 2000 (CHEM 1A) General Chemistry I Prerequisites: CHEM 1000 (CHEM 3A) or one year of high school chemistry with lab; MATH 0980 (MATH 53) or qualification through assessment.</p>
55	<p>MODIFY: CHEM 2100 (CHEM 1B) General Chemistry II 5 units, 3 lecture / 6 lab hours Prerequisite: CHEM 2000 (1A) and MATH 0980 (53).</p>
55	<p>MODIFY: CHEM 1000 (CHEM 3A) Introduction to Chemistry 5 units, 4 lecture/3 lab hours Prerequisites: MATH 56 or MATH 65 or equivalent or qualification through assessment.</p>

55	<p>MODIFY: CHEM 1100 (CHEM 3B) Introduction to Organic and Biochemistry 5 units, 4 lecture / 3 lab hours Prerequisite: CHEM 3A or one year of high school Chemistry with a lab.</p>
56	<p>MODIFY: Media Communication program and courses The course prefix for Media Communication has been changed from COMM to MCOM. Requirements for the Major: ART 1034 (34) - Digital Video Production (3) HUM 1005 (5) - Humanities and Film (3) MCOM 1000 (5) - Film and Television Writing (3) MCOM 1100 (1) - Introduction to Mass Media (3) MCOM 1200 (42) - Broadcast Journalism (3) MCOM 1300 (3) - Television Production (3) MCOM 1400 (4) - Television Studio Production (3) MCOM 1700 (41) - Digital Video Editing (3) Total Major Units: 24</p>
57	<p>MODIFY: MCOM 1400 (COMM 4) Television Studio Production 3 units, 2 lecture hours, 4 lab hours</p>
58	<p>DELETE: COMM 42</p> <p>ADD: MCOM 1200 Broadcast Journalism 3 units, 3 lectures hours Graded</p> <p>This course will cover basic concepts and techniques used in producing television news and programs. Including: scripting news, field reporting, writing the newscast, and performance of broadcast journalism news for television. This course may be taken for credit a total of four times. (AA, CSU)</p>
60	<p>MODIFY: CSCI 2006 (CSCI 6) Assembly Language Programming Prerequisites: CSCI 1007 (CSCI 7)</p>
62	<p>MODIFY: CSCI 1038 (CSCI 37B) Computer Game Design II Prerequisites: CSCI 1037 (CSCI 37A) or CSCI 37</p>
62	<p>MODIFY: CSCI 0864 (CSCI 64) Creating Presentations 1 unit, 16 – 18 total lecture hours</p>
63	<p>MODIFY: CSCI 0870 (CSCI 70) Computer Lab 0.5-1 unit, 24-54 total lab hours.</p>

63	<p>ADD: CSCI 9054 (CSCI 54) Introduction to Lecture Capture 2 units, 2 lecture hours Graded</p> <p>This course covers the fundamentals of the Camtasia Studio capture software. Camtasia Studio is a software program that captures movies off the computer monitor display, including audio and picture-in-picture, which can then be produced into a variety of formats for posting on the web. The student will learn about the various features of Camtasia software and which features are best suited for their use. (NDA)</p>
64	<p>MODIFY: Early Childhood Education Program Associate in Arts Degree in Early Childhood Education</p> <p>This degree prepares students for work in early childhood education as teachers, caregivers, or directors or to transfer to four-year colleges offering a Bachelor's degree in Early Childhood Education or Child Development. Students will gain an understanding of the cognitive, psychosocial, and physical development of the child from conception through adolescence and the application of this knowledge to work with children and families.</p> <p>Requirements for the Major: ECE 1001 (1) – Introduction to Early Childhood Education (Foundations) (3) ECE 1002 (6) – Child Development (3) ECE 1003 (7) – Child, Family, and Community (3) ECE 1500 (14) – Materials and Curriculum (3) ECE 1501 (3) – Guidance (3) ECE 1502 (26) – Serving Children and Families in a Multicultural Society (3) ECE 2000 (8) – Observation and Assessment (3) ECE 2002 (9) – Child Nutrition, Health and Safety (3) ECE 2003 (28) – The Young Child with Special Needs (3) ECE 2500 (33) – Supporting Family Relationships and Parenting (3) ECE 2501 (15) – Administration of Early Childhood Education (3) ECE 2502 (24) – Early Childhood Education Practicum (3) Total Major Units: 36</p>
66	<p>MODIFY: (course title) ECE 1500 (ECE 14) Introduction to Curriculum MODIFY: (course title) ECE 2525 (ECE 25) Staffing and Employee Relations in ECE MODIFY: (course title) ECE 2500 (ECE 33) Supporting Family Relationships and Parenting</p>
68	<p>CORRECT: EDUC 0960 (EDUC 60) Reading Principles This course is degree applicable (AA).</p>
68	<p>MODIFY: (course title) EDUC 0890 (EDUC 90) Etudes</p>
	<p>ADD: EDUC 0896 (EDUC 96) Student Success Seminars .5 units, 9.5 total lecture hours</p>

	<p>Pass/No Pass</p> <p>By participating in eight, fifty-minute workshops focused on a variety of math, English, reading, computer literacy, and study skills, students will build the tools and habits necessary to experience success in college and beyond. (NDA)</p>
69	<p>ADD: EDUC 0670 (EDUC 670) Critical Skills Lab 0 units, 2-180 total lab hours Pass/No Pass</p> <p>An open-entry, non-credit class providing individualized instruction in critical skills such as computing, reading, writing, researching, and mathematical skills. This course provides students with supplementary instruction in critical skills necessary for success in courses in any discipline. (NDA)</p>
70-72	<p>MODIFY: The course prefix for all Emergency Medical Technology and Paramedic courses has been changed from EMT to EMS effective Fall 2010.</p> <p>MODIFY: Total unit requirement for EMS associate degree major and certificate of achievement is 40 units.</p> <p>MODIFY: The paragraph on Page 70 starting with “Successful Completion of this 38-unit Program”, should read as: Successful completion of this 40-unit program (EMS 55A, EMS 55B, EMS 56, and EMS 57) is required for certification and ...</p> <p>EMT 15 now EMS 1001 (1) – Emergency Medical Training - Basic EMT 390 now EMS 0390 (390) – First Responder Medical EMT 40 now EMS 2949 (49) – Work Experience EMT 50 now EMS 0950 (50) – CPR for Professional Rescuer EMT 53 now EMS 9053 (53) – Emergency Medical Technician II EMT 55A now EMS 0954 (55A) – Paramedic 1A Theory EMT 55B now EMS 0955 (55B) – Paramedic 1B Theory EMT 56 now EMS 0956 (56) – Paramedic II - Clinical EMT 57 now EMS 0957 (57) – Paramedic III EMT 51 now EMS 9060 (60) – EMT Refresher EMT 90 now EMS 9065 (65) – First Responder Medical EMT 91 now EMS 9066 (66) – First Responder Medical Refresher EMT 82 now EMS 9082 (82) – Community First Aid/CPR</p>
71	<p>MODIFY: EMS 1001(EMS 1) Emergency Medical Training - Basic Prerequisite: EMS 0950 or current CPR for the Professional by the first class meeting.</p>
71	<p>ADD: EMS 9080 (EMS 80) First Aid for Public Safety Personnel Title 22 1 unit, 18 total lecture hours / 9 total lab hours Pass/No Pass</p> <p>This course fulfills the California State Title 22 requirements designed to give the entry level rescuer/firefighter, peace officer and lifeguard training in First Aid, CPR for the Professional Rescuer, and AED. The course includes training in the following areas: CPR,</p>

	AED, patient assessment, splinting, bleeding control, bandaging, airway management, shock treatment, medical emergencies, trauma emergencies, infectious disease control, and emergency childbirth. (AA)
71	<p>ADD: EMS 9081 (EMS 81) Advanced CPR 0.5 units, 9 total lecture hours Pass/No Pass</p> <p>This is a first aid course designed for the rescuer who is required to have advanced first aid – camp personnel, coaches, etc. Basic first aid techniques will be reviewed and more advanced techniques examined. (AA)</p>
74	<p>ADD: New Program and Courses in English</p> <p>Creative Writing Certificate of Achievement</p> <p>Program Description This program is intended to give a focused course of study for students interested in pursuing creative writing. Students will be allowed to experience writing for a variety of genres, although the capstone project is intended to focus on the creating of a specific manuscript. From exploring and practicing the craft of writing to navigating the business of publishing, students who complete the Creative Writing Certificate will possess skills and experience that will propel them into the world of professional writing. Students will begin their journey into this certificate program in an introductory course that will prepare them for specialized courses in the genre(s) of their choosing: fiction, poetry, drama, and creative nonfiction.</p> <p>Program Learning Outcomes Upon successful completion of this program, the student should be able to:</p> <ul style="list-style-type: none"> • Define individual genre/literary niche • Understand the history and current trends of chosen genre • Establish personal style/voice • Navigate the business of writing/publishing <p>Career Options Many career paths may open up for students who complete the certificate, including abstract writer, poet, proofreader, editor, journalist/reporter, feature writer, screen/television script writer, and speech writer. <i>(Some career options could require advanced study)</i></p> <p>Certificate of Achievement Creative Writing</p> <p>Requirements for the Certificate: <i>Complete the following:</i> ENGL 1001 (1A)—College Composition (3) ENGL 1019 (18A)— Introduction to Creative Writing (3) ENGL 1501 (1B)—Advanced Composition –Literature (3) ENGL 2021 (21)—Writing for Publication (3) ENGL 1023 (18E)—Creative Writing Workshop (1)</p>

Complete six units of the following:

ENGL 1020 (18B)—Advanced Creative Writing – Fiction (3)

ENGL 1021 (18C)—Advanced Creative Writing – Poetry (3)

ENGL 1022 (18D)—Advanced Creative Writing -- Creative Non Fiction (3)

COMM 1000 (5)—Film and Television Writing (3)

Total Certificate Units: 19

All courses must be completed with a grade of C or better.

Courses:

ENGL 1019 (ENGL 18A)

INTRODUCTION TO CREATIVE WRITING

3 units, 3 lecture hours

Graded

Prerequisite: ENGL 1001 (ENGL 1A)

Designed for the student who wants to become a creative writer, this course will provide a foundation for further exploration and practice in poetry, fiction, and/or drama. Through critical analysis of works written by notable writers, elements of literature, and examination of the writers-reader relationship, students will gain the tools to begin crafting their own creative works and to identify their voices as writers. This is the first course for the Creative Writing Certificate. (AA, CSU)

ENGL 1020 (ENGL 18B)

ADVANCED CREATIVE WRITING – FICTION

3 units, 3 lecture hours

Graded

Prerequisite: ENGL 18 or ENGL 1019 (ENGL 18A)

This course is designed for the student who wishes to continue in the discipline of Creative Writing. Instruction is based on the needs of the individual student in the writing of any form of fiction regardless of length. Completed manuscripts, unfinished long and short fiction, as well as new material will be assessed by the instructor and through peer evaluation. The student will engage in critical analyses of works by established authors and in class discussions on the forms of fiction and strategies for writing. (AA, CSU)

ENGL 1021 (ENGL 18C)

ADVANCED CREATIVE WRITING – POETRY

3 units, 3 lecture hours

Graded

Prerequisite: ENGL 18 or ENGL 1019 (ENGL 18A)

This course is designed for the student who wishes to continue in the discipline of Creative Writing. Instruction is based on the needs of the individual student in the writing of any form of poetry regardless of length. Completed manuscripts, revised drafts, as well as new material will be assessed by the instructor and through peer evaluation. The student will engage in critical analyses of works by established poets and in class discussions on poetic forms and strategies for writing. (AA, CSU)

ENGL 1022 (ENGL 18D)

	<p>ADVANCED CREATIVE WRITING – CREATIVE NONFICTION 3 units, 3 lecture hours Graded Prerequisite: ENGL 18 or ENGL 1019 (ENGL 18A)</p> <p>This course is designed for students who wish to continue in the Creative Writing discipline. Individualized instruction will focus on using fiction techniques to create dynamic nonfiction—from personal essay and memoir to nature writing and literary journalism. Students will analyze works by established authors and engage in class discussions of forms and strategies for writing creative nonfiction. Student writings will be assessed by the instructor and through peer evaluation. (AA, CSU)</p> <p>ENGL 1023 (ENGL 18E) CREATIVE WRITING WORKSHOP 1 unit, 16-18 total lecture hours Pass/No Pass</p> <p>In this three-day creative writing workshop, students will meet, interact, and learn from published authors writing in a variety of genres. Students will participate in small group workshops and listen to author readings and lectures on various aspects of writing. In addition, students will be welcomed into the community of writers by giving a reading of their own work. (AA, CSU)</p>
75	<p>ADD: ENGL 1004 (ENGL 4) Technical Writing 3 units, 3 lecture hours Graded Prerequisites: ENGL 0858 (ENGL 58) and READ 0990 (READ 10) or qualification through assessment.</p> <p>The course is designed to enable students to research, analyze, plan, write, and edit effective business documents using current technology. Topics include understanding the business audience, the importance of design, integrating graphics into documents, and making effective presentations. Students will learn how to create various types of letters, memos, and business reports. (AA,CSU)</p>
75	<p>ADD: ENGL 1025 (ENGL 25) Journalism 3 units, 3 lecture hours Prerequisite: ENGL 1001 (ENGL 1A)</p> <p>This writing course introduces and evaluates news reporting, print media, and technologies, surveying history and theory to better understand the relationship between society, the individual, and the news. Introduces skills critical to writing for print media. Course content includes collaborative work and hands-on experience in producing the school newspaper. (AA,CSU,UC)</p>
75	<p>ADD: ENGL 2028 (ENGL 28) Women’s Literature 3 units, 3 lecture hours Prerequisite: ENGL 1001 (ENGL 1A)</p>

	<p>An examination of women and their ideas, thoughts, and expressions, both as major characters in literature and as writers themselves, from the Classical period to the present. Emphasis will be on contrasting mythic interpretations of what women are and think about with what women themselves have written about their lives and interests. Short stories, novels, journals, plays, and poems are studied in terms of the literary elements used to reinforce the authors' themes. (AA,CSU,UC)</p>
76	<p>ADD: ENGL 1033 (ENGL 33) Introduction to Shakespeare 3 units, 3 lecture hours Graded Advisory: ENGL 1001 (ENGL 1A)</p> <p>This course is an introduction to Shakespeare, his theatre, and some important concepts of his world. Students will have the opportunity to examine Shakespearean tragedies, comedies, histories and sonnets. In addition to class discussions, students will enhance their understanding and appreciation of Shakespeare's plays by analyzing film versions and live stage productions. (AA,CSU, UC)</p>
76	<p>ADD: ENGL 2042 (ENGL 42) World Literature 3 units, 3 lecture hours Prerequisites: ENGL 1001 (ENGL 1A)</p> <p>This survey course introduces students to representative works of world literature and explores the enduring human values which unite the different literary traditions. Students will engage in comparative and interdisciplinary analysis as they consider the literary, cultural, and human significance of selected works of the Western and non-Western literary traditions. Upon completion, students should be able to interpret, analyze, and respond to the literary works in their historical, cultural, and comparative contexts. (AA, CSU, UC)</p>
76	<p>MODIFY: ENGL 2044 (ENGL 44A) American Literature I and ENGL 2544 (ENGL 44B) American Literature II Prerequisites: ENGL 1001 (ENGL 1A)</p> <p>MODIFY: ENGL 2045 (ENGL 45) African-American Literature and ENGL 2046 (ENGL 46A) British Literature I and ENGL 2546 (ENGL 46B) British Literature II Prerequisites: ENGL 1001 (ENGL 1A) Advisory: ENGL 1501 (ENGL 1B)</p>
77	<p>ADD: ENGL 0858 (ENGL 58) Writing in the Workplace 3 units, 3 lecture hours Graded Prerequisites: ENGL 0891 (ENGL 91) or ENGL 0896 (ENGL 96) or qualification through assessment</p> <p>This course covers the basic knowledge and skills necessary for writing common types of business-related documents. Students will learn to utilize the writing process to create effective memos, letters, and emails. Students will also strengthen their proofreading skills</p>

	through intensive study of the most commonly made errors in grammar, punctuation, spelling, and diction. (NDA)
77	<p>ADD: ENGL 0863 (ENGL 66F) Language Arts Workshop- Rhetorical Strategies for Paragraphs 0.5 units, 24-27 total lab hours Pass/No pass</p> <p>This course provides concentrated, individualized instruction in language arts skills (writing, reading, speaking, and listening). This course helps students develop their paragraph writing skills through exploration of rhetorical strategies. This course also includes instruction on the use of reference texts, computerized spellcheckers, and other tools. (NDA)</p>
77	<p>ADD: ENGL 0865 (ENGL 66H) Language Arts Workshop – Rhetorical Strategies for Essays 0.5 units, 24-27 total lab hours Pass/No pass</p> <p>A concentrated, individualized instruction in language arts skills (writing, reading, speaking, listening). This course helps students develop their essay writing skills through exploration of rhetorical strategies. This course also includes instruction on how to use reference texts, computerized spellcheckers, and other tools. This course may be taken for credit a total of 2 times. (NDA)</p>
77	<p>MODIFY: ENGL 0870 (ENGL 70) Writing Lab 0.5-1 unit, 24-54 total lab hours</p>
77	<p>ADD: ENGL 0873 (ENGL 73) Writing for Your Future 0.5 units, 24-27 lecture hours Pass/No Pass</p> <p>This course provides individualized writing instruction for students seeking educational or career advancement. Students will develop writing skills necessary to produce exemplary résumés, cover letters, and/or personal statements for college and scholarship applications. This course also includes basic word processing instruction. (NDA)</p>
77	<p>ADD: ENGL 0885 (ENGL 85) Language Skills Laboratory .5-1 unit, 25-54 total lab hours</p> <p>This class is recommended for ESL students at any level who need further, focused attention on very specific skills which may include pronunciation, grammar, vocabulary development, reading and/or spelling. This is an open entry/open exit class. Students may enter the course at any time during the first nine weeks of the semester. (NDA)</p>
77	<p>ADD: ENGL 0892 (ENGL 92) Intermediate ESL Graded 3 units, 3 lecture hours</p>

	<p>Prerequisite: Qualification through assessment</p> <p>In this course, students will continue to expand their skills in oral communication using extensive vocabulary; reading, and writing to prepare them for skills-based courses. The course can be repeated one time. Students are advised to enroll in the Language Skills Laboratory. May be taken for credit a total of 2 times. (NDA)</p>
Insertion	<p>ADD: New Programs and Courses</p> <p>Environmental Resources</p> <p>General Description The Environmental Resources program offers Associate in Science degrees and certificates in areas of Natural Resources Technology, Power Generation Technology, and Sustainable Communities. Each area has its distinctive program learning outcomes and requirements. The program will provide students trainings for gainful employment in the fields of natural resources management, power generation and distribution, and the emerging green economy.</p> <p>Environmental Resources - Natural Resources Technology</p> <p>The Natural Resources Technology program prepares students for entry level jobs as technicians in natural resources. A Natural Resources Technician is trained to work and navigate in a wildland environment, year-round, while collecting natural resource information for management and/or research purposes. Through a well-rounded course of study, students who complete the Associate of Science Degree in Natural Resources Technology will be able to assist with all aspects of technical and field support activities of wildland management including forestry, fisheries, and wildlife management.</p> <p>Program Learning Outcomes Upon successful completion of this program, the student should be able to:</p> <ul style="list-style-type: none"> • Identify merchantable species and associated understory for west coast, coniferous forests • Exhibit proficiency in both inventory and timber sale cruises, using a: prism, biltmore stick, clinometer or relaskop • Navigate in wildland using a compass, topographic map, aerial photos and GPS • Work independently, as well as interact effectively on a crew • Collect data for wildlife and stream surveys, or other resource inventories • Demonstrate proficiency with data recorders and computer data input and processing using standard cruise programs in addition to Microsoft Excel and Access <p>Career Options Natural Resources Technician.</p> <p>Degree/Certificate Options Associate in Science Degree Environmental Resources - Natural Resources Technology</p> <p>Certificates of Achievement Natural Resources Technician</p>

Requirements for the Major:

Complete the following:

- ERRT 1010 (10) - Introduction to Environmental Resources (3)
- ERRT 1011 (11) - Forest Ecology (3)
- ERRT 1012 (12) - Introduction to Field Studies (.5)
- ERRT 1020 (20) - Dendrology (3)
- ERRT 1521 (21) - Intermediate Field Studies (.5)
- ERRT 1522 (22) - Introduction to Surveying (3)
- ERRT 1530 (30) - Silviculture (3)
- ERRT 1531 (31) - Aerial Photograph Interpretation and GIS (3)
- ERRT 2032 (32) - Advanced Field Studies (.5)
- ERRT 2040 (40) - Principles of Wildlife Management (3)
- ERRT 2042 (42) - Forest Measurements (3)
- ERRT 2044 (44) - Forest and Resource Management (3)

Complete eight units of the following:

- ERRT 2533 (33) - Forest Products (3)
- ERRT 2534 (34) - Natural Resources Recreation and Interpretation (3)
- ERRT 2541 (41) - Watershed Ecology (2)
- NR 1002 (2) - Natural Resources Conservation (3)

Total Major Units: 36.5

All courses must be completed with a grade of C or better.

In addition to the major requirements, students need to complete general education requirements and electives to reach the minimum of 60 degree-applicable units required for the associated degree. Consult with an advisor or a counselor to plan the courses necessary to achieve your academic goal.

Requirements for the Certificate:

Complete the following:

- ERRT 1010 (10) - Introduction to Environmental Resources (3)
- ERRT 1011 (11) - Forest Ecology (3)
- ERRT 1012 (12) - Introduction to Field Studies (.5)
- ERRT 1020 (20) - Dendrology (3)
- ERRT 1521 (21) - Intermediate Field Studies (.5)
- ERRT 1522 (22) - Introduction to Surveying (3)
- ERRT 1530 (30) - Silviculture (3)
- ERRT 1531 (31) - Aerial Photo Interpretation and GIS (3)
- ERRT 2032 (32) - Advanced Field Studies (.5)
- ERRT 2040 (40) - Principles of Wildlife Management (3)
- ERRT 2042 (42) - Forest Measurements (3)
- ERRT 2044 (44) - Forest and Resource Management (3)

Total Certificate Units: 28.5

All courses must be completed with a grade of C or better.

Courses:

ERRT 1010 (ERRT 10)

Introduction to Environmental Resources

3 units, 2 lecture hours, 3 lab hours

Graded

This course is an overview of natural resources management and protection with emphasis on Western forestry. The course is intended for those who wish to explore career opportunities or develop entry-level occupational skills. The course includes tree identification, woods safety, common forestry tool identification and repair, forest measurement, maps and navigation, and ecosystem analysis. (AA,CSU)

ERRT1011 (ERRT 11)

Forest Ecology

3 units, 2 lecture hours, 3 lab hours

Graded

This course is a study of abiotic and biotic variables in forest ecosystems including: basic physiological characteristics of trees, succession, climax, and related concepts including: vegetation classification, stand structure, diversity, competition, growth, soils-forests interactions, biomass and nutrient distribution, energy relations, nutrient element dynamics, ecology of disturbances, forest site designation, environmental protection, weather and climatic influences. (AA,CSU)

ERRT 1012 (ERRT 12)

Introduction to Field Studies

.5 units, 24-27 total lab hours

Graded

This is a practical field course to introduce the student to subjects in forestry/natural resources, including: fire suppression, fire management, timber harvesting, timber management, outdoor recreation, wildlife and fish management, and forest engineering. (AA,CSU)

ERRT 1020 (ERRT 20)

Dendrology

3 units, 2 lecture hours, 3 lab hours

Graded

This course will teach students to identify the principal forest trees of North America and the principal trees and shrubs of the Pacific Northwest, as well as collect and preserve samples. Students will also learn about forested regions of the world, the structure and function of forest plants, and the ranges and botanical characteristics of the major natural trees and shrubs in the Western United States. (AA,CSU)

ERRT 1521 (ERRT 21)

Intermediate Field Studies

.5 units, 24-27 total lab hours

Graded

Prerequisites: ERRT 1012 (12).

This is a field course for the practical application of forestry skills in actual field conditions. Field problems and work projects may include inventory techniques, plant species identification, population enumeration, conservation techniques, trail construction techniques, and orienteering. (AA,CSU)

ERRT 1522 (ERRT 22)
Introduction to Surveying
3 units, 2 lecture hours, 3 lab hours
Graded

This course covers the use of basic engineering equipment such as hand compass, staff compass, Abney level, topographic and engineer's chain, electronic distance machine (EDM), total station, automatic level, Philadelphia Rod Global Positioning System (GPS); collecting, recording, and plotting field data using field work books, and/or computer software. (AA,CSU)

ERRT 1530 (ERRT 30)
Silviculture
3 units, 2 lecture hours, 3 lab hours
Graded
Prerequisites: ERRT 1010 (10), ERRT 1020 (20).

This course covers concepts of managing forests for establishment, growth, composition, health, and quality of forests on a sustained yield basis, using varying techniques including: pre-commercial and commercial harvesting, regeneration methods, site preparation, and forest pest controls. Emphasis is placed upon meeting the objectives of landowners through appropriate silvicultural systems as required by federal and/or state regulations. (AA,CSU)

ERRT 1531 (ERRT 31)
Aerial Photograph Interpretation and Geographic Information Systems
3 units, 2 lecture hours, 3 lab hours
Graded
Prerequisites: ERRT 1522.

This course will introduce students to interpretation of aerial photographs as they relate to natural resources and will include photo scale calculations, flight planning, and field verification of vegetation. Additionally, questions pertaining to natural resources issues will be addressed through analyzing, creating, displaying, and modeling feature data (i.e. soils, topography, vegetative cover, etc.) using geographic information systems (GIS). (AA, CSU)

ERRT 2032 (ERRT 32)
Advanced Field Studies
.5 units, 24-27 total lab hours
Graded
Prerequisites: ERRT 1521.

This course is designed to apply skills and techniques acquired in other natural resources courses under actual field conditions. Subjects may include timber sale planning and preparation, timber harvesting systems, recreation planning and analysis, silvicultural techniques and applications, land boundary determination, and leadership within crew dynamics. (AA, CSU)

ERRT 2040 (ERRT 40)
Principles of Wildlife Management

3 units, 2 lecture hours, 3 lab hours

Graded

Prerequisites: ERRT 1011 (11), ERRT 1020 (20).

This course will introduce students to ecological principles related to wildlife management. Students will learn current field techniques used in wildlife management and focus on the identification of native species and their habitat. (AA, CSU)

ERRT 2042 (ERRT 42)

Forest Measurements

3 units, 2 lecture hours, 3 lab hours

Graded

Prerequisites: ERRT 1522 (22).

This course is an introduction to measurement of timber and growth quantity and quality. It will cover timber inventory systems, cruise design, aerial photographic interpretation, and log scaling. The course includes measurement of natural resources including forest inventory, tree growth, and rangeland resources. (AA, CSU)

ERRT 2044 (ERRT 44)

Forest and Resource Management

3 units, 3 lecture hours

Graded

Prerequisites: ERRT 1010 (10), ERRT 1011 (11).

This course is designed as the capstone course for the Environmental Resources Technology program. Students will apply the knowledge obtained in other program courses to current forest and natural resource management issues. The course will focus on forest management plans, environmental regulations, and decision making as it pertains to natural resource management. (AA, CSU)

ERRT 2533 (ERRT 33)

Forest Products

3 units, 2 lecture hours, 3 lab hours

Graded

This course presents a technical study of wood products and manufacturing processes; operations from contract through harvest, transport, and production. Also discussed are safety codes and laws, other forest products and their uses, and new research and development such as green building materials and certified sustainable forests. The course includes wood damage and defect identification. (AA,CSU)

ERRT 2534 (ERRT 34)

Recreation and Interpretation

3 units, 2 lecture hours, 3 lab hours

Graded

Prerequisites: ERRT 1010 (10), ERRT 1020 (20).

This course prepares students for entry-level duties in the recreation field. Recreation topics include water-oriented recreation, winter sports, wilderness management,

	<p>administration of recreation contracts, campground planning, soil conservation practices and field trips to public and private recreation facilities. This course also covers natural resources interpretive techniques such as persuasive speeches, narrated walks, campfire talks and self-guided interpretive media. (AA, CSU)</p> <p>ERRT 2541 (ERRT 41) Watershed Ecology 2 units, 1 lecture hour, 2 lab hours Graded Prerequisites: ERRT 1530 (30).</p> <p>This course will study watersheds, lakes, and riparian zones. Fresh water fisheries, storage facilities issues, and water utilization issues are investigated. Course covers use of instruments to monitor water quality at numerous field sites. Field exercises include studies of the Shasta, Klamath and Sacramento rivers, reservoirs and rangeland. (AA,CSU)</p> <p>ERRT 2949 (ERRT 49) Work Experience .5-8 units, 24-432 total lab hours Graded</p> <p>Occupational Work Experience is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the student's educational or occupational goal. Students can earn a maximum of 16 semester units, .5-8 units/semester. This course may be taken for credit a total of 4 times. (AA, CSU)</p>
Insertion	<p>ADD: New program and Courses</p> <p>Environmental Resources – Power Generation Technology</p> <p>This program will prepare students for entry level positions in the steam and electrical power generation and distribution industry. Students will be trained to control, monitor and maintain boilers, turbines, generators, and auxiliary equipment in power-generating plants. Courses will include an introduction to how operators manage and distribute power demands among generators and other steam hosts as well as monitor instruments to maintain voltage and regulate electricity flows from the plant. The theory and operation of all plant support and ancillary equipment will be included. Computers will be used to keep records and prepare reports of plant operations, functions, and maintenance. A connection to bio-fuel sources and related issues will be emphasized.</p> <p>Program Learning Outcomes Upon successful completion of this program, the student should be able to:</p> <ul style="list-style-type: none"> • Control, monitor and maintain boilers, turbines, generators, and auxiliary equipment in power- generating plants. • Monitor instruments to regulate electricity flows from a power-generating plant. • Demonstrate proper operation of plant support functions. <p>Career Options Power plant operations</p> <p>Degree/Certificate Options Associate in Science Degree</p>

Environmental Resources – Power Generation Technology

Certificate of Achievement

Power Generation Technology

Certificate

Basic Power Generation Technology

Environmental Resources – Power Generation Technology

Requirements for the Major and Certificate of Achievement:

BA 0958 (58)	Business English (3)
ERPG 0950 (50)	Power Plant Fundamentals (2)
ERPG 0951 (51)	Introduction to Operations and Maintenance Techniques (1)
ERPG 0952 (52)	Operations and Maintenance Safety (1)
ERPG 1049 (49A)	Work Experience I (2)
ERPG 0953 (53)	Boilers & HRSG (3)
ERPG 0954 (54)	Steam Turbines & Generators (1)
ERPG 0955 (55)	Gas Turbine Engines (1)
ERPG 0956 (56)	Plant Water Treatment (2)
ERPG 1549 (49B)	Work Experience II (4)
ERPG 0961 (61)	Technical Drawing Interpretation (3)
ERPG 0962 (62)	Electrical Generation and Transmission (2)
ERPG 0963 (63)	Combustion and Emission Control (2)
ERPG 0964 (64)	Instrumentation and Control (3)
ERPG 2049 (49C)	Work Experience III (2)
ERPG 2549 (49D)	Work Experience IV (4)
MATH 0980 (53)	Intermediate Algebra (3)

Total Major and Certificate of Achievement Units: 39

All courses must be completed with a grade of C or better.

In addition to the major requirements, students need to complete general education requirements and electives to reach the minimum of 60 degree-applicable units required for the associated degree. Consult with an advisor or a counselor to plan the courses necessary to achieve your academic goal.

Basic Power Generation Technology

Requirements for the Certificate:

ERPG 0950 (50)	Power Plant Fundamentals (2)
ERPG 0951 (51)	Introduction to Operations and Maintenance Techniques (1)
ERPG 0952 (52)	Operations and Maintenance Safety (1)
ERPG 1049 (49A)	Work Experience (2)

Total Certificate Units: 6

All courses must be completed with a grade of C or better.

Courses:

ERPG 0950 (ERPG 50)

Power Plant Fundamentals

This course is an introduction to power plants and electrical power generation. Major

topics include the systems, equipment and components required for power generation. (AA)

ERPG 0951 (ERPG 51)
Maintenance Techniques
1 unit, 16-18 total lecture hours
Graded

This course identifies operation and maintenance requirements and the relationship between those requirements for power generation applications. Specific topics include the duties and responsibilities of operations and maintenance personnel, preventative maintenance programs and on-going general and specific maintenance requirements. (AA)

ERPG 0952 (ERPG 52)
Operations, Maintenance and Safety
2 units, 2 lecture hours
Graded

This course integrates personnel safety with equipment protection and safety tagging procedures. Specific topics include Material Safety Data Sheets (MSDS), hazardous materials (HAZMAT) procedures, chemical alert placards and confined space procedures. (AA)

ERPG 0953 (ERPG 53)
Boilers and HRSGS
3 units, 3 lecture hours
Graded
Prerequisites: ERPG 1049.

This course is an introduction to boilers and heat recovery steam generators (HRSG). Specific topics include the theory of steam generation, boiler and HRSG configurations, components and auxiliary equipment, identification of fuels and an introduction to pollution control equipment. (AA)

ERPG 0954 (ERPG 54)
Steam Turbines and Generators
2units, 2 lecture hours
Graded
Prerequisites: ERPG 1049.

This is an introductory course on the design, function and operation of steam turbines, auxiliary systems and steam turbine/electrical generators in power plant applications. (AA)

ERPG 0955 (ERPG 55)
Gas Turbine Engines and Generators
1 unit, 16-18 total lecture hours
Graded
Prerequisites: ERPG 1049.

This is a survey course of gas turbine engines used in simple cycle and combined cycle applications for power generation. Specific topics include aero and fixed-frame derivatives,

combustion turbine sections, auxiliary systems, and operational procedures for various combustion turbine applications. (AA)

ERPG 0956 (ERPG 56)
Water Plant Chemistry Treatment
2 units, 2 lecture hours
Prerequisite: ERPG 1049

This is a survey course of water chemistry principles and treatment applications used in power generation or process plant applications. Specific topics include demineralization, reverse osmosis, and treatment programs for boilers, cooling towers, condensate systems and feedwater systems. (AA)

ERPG 0961 (ERPG 61)
Technical Drawing Interpretation
3 units, 3 lecture hours
Graded
Prerequisite: ERPG 1549.

This course is an in-depth study of electrical and mechanical drawings used in power generation and process plant applications. Specific topics include piping and instrument diagrams (P&ID), International Society of Automation (ISA) standards and symbols, electrical control schematics, one-line diagrams, orthographic projections and isometric views. (AA)

ERPG 0962 (ERPG 62)
Electrical Generation Transmission
2 units, 2 lecture hours
Graded
Prerequisite: ERPG 1549.

This course covers electricity and identifies electrical energy generation, distribution and transmission. Specific topics include Ohm's Law, Watt's Law, AC and DC applications, single-phase and three-phase power, generators, motors, transformers and protective relays. (AA)

ERPG 0963 (ERPG 63)
Combustion and Emission Control
2 units, 2 lecture hours
Graded
Prerequisite: ERPG 1549.

This course is an introduction to combustion, fuels and emission control used in power generation and process plant applications. Specific topics include municipal solid waste (MSW) and wood waste (biomass) fuels, emissions, and emission control equipment. (AA)

ERPG 0964 (ERPG 64)
Instrumental Process Control
3 units, 3 lecture hours
Graded
Prerequisite: ERPG 1549, ERPG 0961.

This course is an introduction to instruments, measured variables, instrument data sheets, control algorithms and control strategies for power generation and process plant applications and an advanced study of piping and instrument diagrams and control strategies for power generation applications. Concurrent enrollment in ERPG 2049, the 3rd enrollment, is recommended and will provide the student with extensive computer simulations of boiler and auxiliary equipment operation. (AA)

ERPG 1003 (ERPG 3)
Principles of Electricity
3 units, 3 lecture hours
Graded

This is an introductory course in electronics. Students will gain their first exposure to circuits, components of circuits, and reading schematic diagrams. Additional topic will include AC and DC components, sustainable sources of electric energy, circuitry, and current trends in the design of efficient electronic components that reduce energy consumption. (AA,CSU)

ERPG 1049 (ERPG 49A)
Work Experience I
2 units, 96-108 total lab hours
Graded

Occupational Work Experience is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the student's educational or occupational goal. Students can earn a maximum of 16 semester units, 2-4 units/semester. (AA,CSU)

ERPG 1549 (ERPG 49B)
Work Experience II
4 units, 192-216 total lab hours
Graded

Occupational Work Experience is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the student's educational or occupational goal. Students can earn a maximum of 16 semester units, 2-4 units/semester. (AA,CSU)

ERPG 2049 (ERPG 49C)
Work Experience III
2 units, 96-108 total lab hours
Graded

Occupational Work Experience is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the student's educational or occupational goal. Students can earn a maximum of 16 semester units, 2-4 units/semester. (AA,CSU)

ERPG 2549 (ERPG 49D)
Work Experience IV

	<p>4 units, 192-216 total lab hours Graded</p> <p>Occupational Work Experience is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the student's educational or occupational goal. Students can earn a maximum of 16 semester units, 2-4 units/semester. (AA,CSU)</p>
Insertion	<p>ADD: New Program and Courses</p> <p>Environmental Resources – Sustainable Communities The Sustainable Communities program offers a practical, integrated and interdisciplinary examination of the interactions between humans and natural ecosystems with an emphasis on solutions and entrepreneurship. Students will explore a variety of green industries, new trends, entrepreneurial niches and green income opportunities. Through various hands-on skills labs, community based internships and service projects students will gain marketable skills and customize their entry points into a green career pathway.</p> <p>Program Learning Outcomes Upon successful completion of this program, the student should be able to:</p> <ul style="list-style-type: none"> • Clearly articulate to community members, through written, spoken or electronic communication, the topics and issues associated with sustainability. • Demonstrate a specific skill set valued within sustainable communities. • Identify and pursue income-generating opportunities consistent with sustainable living. • Demonstrate an awareness of diversity issues and different cultural perspectives on the environment. • Demonstrate the ability to make thoughtful choices about how to live, work and play within their environment. <p>Career Options Entrepreneurship, consulting, energy auditing, outdoor recreation and adventure leadership.</p> <p>Degree/Certificate Options Associate in Science Degree Environmental Resources – Sustainable Communities</p> <p>Certificates of Achievement Sustainable Communities</p> <p>Associate in Science Degree and Certificate of Achievement Requirements for the Major or Certificate: <i>Complete the following:</i> BA 0960 (60) - Exploring Opportunities (2) BA 0961 (61) - Strong Individuals / Strong Communities (2) CSCI 1001 (1) - Introduction to Computer Science (3) ERSC 1001 (1) - Introduction to Sustainable Communities (4) ERSC 2020 (20) - Sustainable Community Project Implementation (2)</p> <p><i>Complete seven units from one or more of the following clusters:</i> Energy Efficiency Cluster ERSC 0951 (51) - Greening Your World Skills Lab (3)</p>

ERSC 0952 (52) - Building Performance and Efficiency (1.5)

ERSC 0953 (53) - Tapping into Renewable Energy (1)

Entrepreneurship Cluster

BA 0886 (86) - It's Your Business II (2)

BA 0903 (81C) - Attitude in the Workplace (0.5)

BA 0904 (81D)- Conflict Management (0.5)

BA 0908 (81H) - Stress Management (0.5)

BA 0973 (73) - Triple Bottom Line Business (1)

BA 0985 - Introduction to Entrepreneurship (0.5)

BA 0987 - It's Your Technology (2)

BA 2949 (49) - Work Experience (1)

Agriculture and Natural Resources Cluster

AG 9061 (61) - Applied Agriculture and Food Skills Lab (3)

ERRT 1010 (10) - Introduction to Environmental Resources (3)

FCS 0960 (60) - Natural Food Planning and Preparation (1)

Outdoor Recreation Cluster

ERSC 1003 (3) - Outdoor Adventure Leadership Skills Lab (3)

ERSC 1033 - Mountaineering Skills—Leadership (1)

ERSC 1043 - White Water Skills—Leadership (1)

PEAC course - Personal Wellness/Outdoor Physical Experience (1)

University Transfer Cluster

BIO 1400 (14) - Environmental Principles (3)

GEOL 1110 (13) - Environmental Geology (3)

HIST 1022 (22) - Environmental History of North America (3)

Total Major or Certificate Units: 20

All courses must be completed with a grade of C or better.

In addition to the major requirements, students need to complete general education requirements and electives to reach the minimum of 60 degree-applicable units required for the associated degree. Consult with an advisor or a counselor to plan the courses necessary to achieve your academic goal.

Courses:

ERSC 0950 (ERSC 50)

Sustainable Communities Skills Lab

2 units, 1 lecture hour, 3 lab hours

Graded

Prerequisites: ERSC 1001 (1).

This course emphasizes applied sustainability principles through integrated hands-on lab activities and field trips in various areas of sustainable communities. Students will learn research methods for conducting interviews and community surveys and assessing diverse people's and communities needs and challenges. Students will learn basic physical and ecological concepts and associated monitoring techniques and restoration concepts. (AA)

ERSC 0951 (ERSC 51)

Greening Your World

3 units, 2 lecture hours, 3 lab hours

Graded

Through this course, students will research and implement strategies to incorporate environmentally friendly practices at home, at work, on campus, and in their communities. Students will gain analytical skills, allowing them to fully evaluate the individual and societal costs of various consumer and production decisions. Both short and long-term costs and benefits will be considered in researching and implementing green alternatives. Emphasis will be on renewable energy, efficiency, and conservation. (AA)

ERSC 0952 (ERSC 52)

Building Performance and Efficiency

2 units, 1 lecture hour, 3 lab hours

Graded

This hands-on diagnosis and remediation training course stresses the uses of a systems approach to solve energy efficiency, health, comfort and safety problems in existing homes and buildings. Course topics include fundamental building science, systems interactions, diagnostic tools and methods, remediation techniques, combustion safety, and the practical business and marketing implications of integrating diagnostics into a business. (AA)

ERSC 0953 (ERSC 53)

Renewable Energy

1 unit, 16-18 total lecture hours

Graded

This workshop will offer participants an overview of efficiency and renewable living options appropriate in Siskiyou County, highlighting on solar power. We will cover basic electrical concepts and introduce how to design a solar application for specific sites including grid tie and grid free systems. Participants will learn about the components and products available, be exposed to solar resources and visit solar powered sites. This class is ideal for home / ranch and land owners. (AA)

ERSC 1001 (ERSC 1)

Introduction to Sustainable Communities

3 units, 3 total lecture hours

Graded

Prerequisites: ENGL 0950.

This course examines the interactions between humans and global ecosystems. Students will examine a variety of environmental issues with emphasis on the social, political, and economic implications. This course explores how people perceive and relate to their bio-physical environment and encourages critical analysis of how the environment impacts various cultural groups. (AA, CSU)

ERSC 1003 (ERSC 3)

Adventure Leadership Skills

3 units, 3 lecture hours, 1 lab hour

Graded

This course is an introduction to the history and philosophy of Outdoor Adventure Education with applications to current trends and opportunities for the future. Participants will survey agencies, organizations, and programs in the outdoor industry while learning

basic skills in leadership, environmental ethics, and guiding. This course includes river and mountain field trips that will allow students to apply teachings. (AA,CSU)

ERSC 1023

Backpacking and Hiking Skills

1 unit, 3 total lecture hours, 40-45 total lab hours

Graded

This course is an introduction to basic skills needed to safely enjoy backpacking opportunities in our area. Participants learn basic land navigation, proficient safety practices, "Leave no Trace" practices, proper use of equipment and risk management planning. Students will also learn basic outdoor cooking, water management, fast packing skills techniques, and environmental stewardship. Students will be exposed to job opportunities in the Backpacking industry. (AA, CSU)

ERSC 1033

Mountaineering Skills Lab

1 unit, 3 total lecture hours, 40-45 total lab hours

Graded

This course is an introduction to basic skills needed to safely enjoy mountaineering opportunities in our area. Participants learn basic navigation, safety practices including an introduction to avalanche awareness, proper use of equipment and risk management planning. Students will also learn basic climbing techniques, self rescue, client care skills and environmental stewardship. Lastly, students will be exposed to job opportunities in the climbing industry. (AA, CSU)

ADD: ERSC 1043

Whitewater Skills Lab

1 unit, 3 total lecture hours, 40-45 total lab hours

Graded

This course is an introduction to basic skills needed to safely enjoy various whitewater activities in our area. Participants learn basic river navigation, safety practices, proper use of equipment and risk management planning. Students will also learn basic river etiquette, client care skills and environmental stewardship in this course. Lastly, students will be exposed to job opportunities in the whitewater rafting industry. (AA, CSU)

ERSC 2020 (ERSC 20)

Sustainable Communities Project Implementation

2 units, 2 lecture hours, 2 lab hours

Graded

Prerequisites: All courses required for Sustainable Communities Certificate.

Through this capstone course, students will identify an internship or independent project related to the study of sustainable communities. Students will plan, implement, evaluate, and report their experiences. Through this service learning process, students will be better prepared to identify and implement the next steps to pursue related to employment, education, or entrepreneurship. (AA, CSU)

ERSC 2929 (ERSC 29)

	<p>Special Studies 1-2 units, 18-36 total lecture hours Graded</p> <p>This course provides an opportunity for capable students to do a research project or other study in an area of special interest. (AA,CSU)</p> <p>ERSC 2949 (ERSC 49) Work Experience .5-8 units, 24-432 total lab hours Graded</p> <p>Occupational Work Experience is supervised employment extending classroom-based occupational learning at an on-the-job learning station relating to the student's educational or occupational goal. Students can earn a maximum of 16 semester units, .5-8 units/semester. This course may be taken for credit a total of four times. (AA,CSU)</p>
78	<p>ADD: FCS 0960 (FCS 60) Natural Food Planning and Preparation 1.5 units, 1.5 lecture hours Pass/No pass</p> <p>This course will explore options in personal food plans by creating a holistic approach for both the physical environment of the student as well as the community as a whole. Awareness in sustainable food preparation and exposure to seasonal food choices, as well as basic food safety procedures, are also covered. (AA)</p>
79-80	<p>MODIFY: Fire/Emergency Response Technology associate degree major Requirement for the Major: Replace FIRE 8 with FIRE 9, Fire and Emergency Services Safety and Survival.</p>
81	<p>DELETE: FIRE 8 Structural Fire Suppression</p> <p>ADD: FIRE 1006 (FIRE 9) Fire and Emergency Services Safety and Survival 3 units, 3 lecture hours Graded</p> <p>This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services. This course is certified by the State Chancellor and the California State Fire Marshall's Office. (AA,CSU)</p>
81	<p>MODIFY: FIRE 0950 (FIRE 50) Fire Fighter I Academy Prerequisites: Pass physical agility test. Corequisites: EMS 1001 (EMS 15) or EMS 0965 (EMS 65) (Note: This corequisite will become a prerequisite effective Spring 2012.)</p>
83	<p>MODIFY: FTSC 9103 (FTSC 53) Volunteer Fire Fighter Certificate 1.5 units, 22 lecture hours, 27 lab hours</p>

84	<p>ADD: FIRE 9160 (FTSC 60) Professional Firefighter Refresher 1 unit, 9 lecture hours/45 lab hours Prerequisite: FIRE 9167 (FTSC 67) Pass/No Pass</p> <p>This course will provide professional firefighters the required annual upgrades to their skills and knowledge in the areas of firefighting, Haz Mat, EMS, defensive driving, diversity, and chainsaw operations. (NDA)</p>
84	<p>MODIFY: FIRE 9167 (FTSC 67) CDF Basic Firefighter 9.5 units, 144 lecture hours, 90 lab hours</p>
84	<p>ADD: FIRE 9088 (FTSC 88) Seasonal Firefighter Refresher 2 units, 9 total lecture hours / 85 total lab hours Pass/No Pass</p> <p>This is a comprehensive review of basic firefighter skills and knowledge to enable the student to resume the duties of a seasonal firefighter. Topics will include, but are not limited, to hose lays, chainsaws, Haz Mat, EMS, and initial attack. This course may be repeated according to State mandate regarding professional continued training. (NDA)</p>
85	<p>MODIFY: FIRE 9200 (FTSC 92B) S-200 Initial Attack Incident Commander Prerequisites: Removed Advisory: FIRE 9230 (FTSC 92I), FIRE 9290 (FTSC 92E), FIRE 9500 (FTSC 93A)</p>
87	<p>ADD: FIRE 9523 (FTSM 77) Training Instructor 1C: Instructional Development Techniques 1.5 units, 40 total hours Pass/No Pass</p> <p>This is the third of a three-course series. Topics include: Methods and techniques for developing lesson plans, ancillary components, and tests in accordance with the latest concepts in career education. The course offers the opportunity to develop lesson plans, receive feedback, finalize instructional materials, and deliver a teaching demonstration. Activities include student teaching demonstrations. (AA)</p>
91	<p>MODIFY: GEOL 1130 (GEOL 20) Geology of California</p> <p>Geology of California introduces the state's major geologic provinces and examines the processes that have created and continue to shape them today. It also reviews the nearly two billion years of Earth's history recorded in California to provide insights into the origins of the state's mineral resources and geologic hazards. (AA, CSU, UC)</p>
91	<p>MODIFY: GEOL 0840 (GEOL 70) Geology of the Eastern Klamaths Remove the last sentence in course description: "This course may be taken for credit a total of four times".</p>
92	<p>MODIFY: GER 1510 (GER 2) Elementary German II (Catalog Description was incomplete) 4 units, 4 lecture hours Graded</p>

	<p>Students will get more grounding in the language and culture of the German speaking world. This course provides further study in listening, speaking, reading, and writing to improve German communication skills at a beginning/intermediate level. Students will be able to understand and respond to common conversational situations more in depth, read simple prose, letters, newspaper articles, short books in German and write letters, paragraphs, and short essays in correct German. (AA, CSU)</p>
93	<p>MODIFY: GUID 1010 (GUID 10) Leadership Training 2 units, 32-36 total lecture hours</p>
93	<p>ADD: GUID 2929 (GUID 29) Special Studies 1- 2 units, 17 – 37 total hours Graded</p> <p>This independent study course provides an opportunity for students to do guided reading and learning of selected topics in guidance and produce a final project. (AA, CSU)</p>
93	<p>MODIFY: GUID 596 is now EDUC 0596 Supervised Tutoring</p>
95	<p>ADD: HIST 1009 (HIST 9A) World Civilizations to 1450 3 units, 3 lecture hours Graded</p> <p>World Civilizations to 1450 will explore the history of world civilizations and the interactions of technology, culture, religion, warfare, environment and politics in world history. (AA, CSU, UC)</p>
101	<p>MODIFY: Liberal Arts and Sciences Degree with Area of Emphasis in Social Science The following classes are added to the list of course options: ENGL 38 – Multicultural Communication (3) ETHN 1 – Ethnic Studies (3) GEOG 5 – California Ethnic Geography (3) PSY 5 – Introduction to Biological Psychology (3) SOC 35 – Introduction to Women’s Studies (3)</p>
104	<p>DELETE: MATH 54A Beginning Algebra I</p> <p>ADD: MATH 0851 (MATH 64A) Beginning Algebra I 5 units, 5 lecture hours Graded Prerequisites: MATH 0830 (MATN 81) or MATH 0816 (MATH 86F) or qualification through assessment. Advisory: MATH 0870 (MATH 70)</p> <p>Designed to increase student confidence in mathematics. The topics are equivalent to those from the first half of Elementary Algebra, but the extended time frame allows for more in-class work and additional discussion of special applications and problems of historical interest. Topics include properties of and operations on real numbers, linear equations,</p>

	linear systems, exponents and polynomials. Recommended for students who have never successfully completed an algebra course. (NDA)
104	<p>DELETE: MATH 54B Beginning Algebra II</p> <p>ADD: MATH 0852 (MATH 64B) Beginning Algebra II 5 units, 5 lecture hours Graded Prerequisites: MATH 0851 (64A) or MATH 54A Advisory: MATH 0870 (70)</p> <p>A continuation of Math 0851 designed to increase student confidence in mathematics. The topics are equivalent to those in the second half of Elementary Algebra, but the extended time frame allows for more in-class work and additional discussion of special applications and problems of historical interest. Topics include factoring, rational expressions, radicals, polynomials, quadratic equations, parabolas, and variation. (NDA)</p>
104	<p>DELETE: MATH 56 Elementary Algebra</p> <p>ADD: MATH 0850 (MATH 65) Elementary Algebra Review 5 units, 5 lecture hours Graded Prerequisites: Qualification through assessment.</p> <p>This course is designed for students needing an intensive and fast-paced extensive review of algebra and who have previously successfully completed algebra in high school. Topics include properties of and operations on real numbers, linear equations, linear systems, exponents, polynomials, factoring, rational expressions, radicals, quadratic equations, and parabolas. (NDA)</p>
104	<p>MODIFY: MATH 0870 (MATH 70) Math-Science Lab 0.5-1 unit, 24-54 total lab hours.</p> <p>DELETE: MATH 71 Pre-Algebra Math Workshop</p>
104	<p>ADD: MATH 0811 (MATH 86A) Prealgebra A – Whole Numbers 1 unit, .5 lecture hour, 1.5 lab hours Pass/No pass Prerequisite: Qualification through assessment.</p> <p>A basic mathematics course designed to provide skill development in operations with whole numbers. Algebra concepts including evaluating expressions, geometry topics, and basic fraction concepts are also presented. (NDA)</p>
105	<p>ADD: MATH 0812 (MATH 86B) Prealgebra B – Multiplication/Division of Fractions 1 unit, .5 lecture hour, 1.5 lab hours Pass/No pass Prerequisite: MATH 0811 (MATH 86A)</p>

	A basic mathematics course designed to provide skill development in multiplication and division with fractions and mixed numbers. Algebra concepts including order of operations, geometry topics, and basic integer concepts are also presented. (NDA)
105	<p>ADD: MATH 0813 (MATH 86C) Prealgebra C – Integers and Addition/Subtraction of Fractions 1 unit, .5 lecture hour, 1.5 lab hours Pass/No pass Prerequisite: MATH 0812 (MATH 86B)</p> <p>A basic mathematics course designed to provide skill development in addition and subtraction with fractions and mixed numbers and operations with integers. Algebra concepts including square roots, geometry topics, and basic decimal concepts are also presented. (NDA)</p>
105	<p>ADD: MATH 0814 (MATH 86D) Prealgebra D – Decimals 1 unit, .5 lecture hour, 1.5 lab hours Graded Prerequisite: MATH 0813 (MATH 86C)</p> <p>A basic mathematics course designed to provide skill development in operations with decimals. Algebra concepts including evaluating expressions. (NDA)</p>
105	<p>ADD: MATH 0815 (MATH 86E) Prealgebra E – Proportions and Applications 1 unit, .5 lecture hour, 1.5 lab hours Graded Prerequisite: MATH 0814 (MATH 86D)</p> <p>A basic mathematics course designed to provide skill development in proportions and operations with rational numbers. Algebra concepts including evaluating expressions, unit conversion, and geometry topics are also presented. (NDA)</p>
105	<p>ADD: MATH 0816 (MATH 86F) Prealgebra F – Equations 1 unit, .5 lecture hour, 1.5 lab hours Graded Prerequisite: MATH 0815 (MATH 86E)</p> <p>A basic mathematics course designed to provide skill development in solving linear equations. Algebra concepts including evaluating expressions, unit conversion, and percent problems are also presented. (NDA)</p>
105	DELETE: MATH 99 Basic Arithmetic Skills
106	<p>MODIFY: Music – Instrumental Performance Associate Degree Major Units (due to MUS 14 unit increase) Total Units-Year One: 27-28 Total Units-Year Two: 20-21 Total Major Units: 47-49</p> <p>MODIFY: In “Requirement for the Major”, course title for MUS 28 should be Music Comedy Workshop (not Pit Orchestra).</p>
108	MODIFY: MUS 1014 (MUS 14)

	<p>Applied Music - Technique 2 units, 112-126 total hours Graded Prerequisites: Assessment by audition or completion of a previous semester of MUS 1014 Corequisites: Presently registered in or have completed MUS 1004 or Music Theory, and be registered in two performance groups with faculty approval.</p>
108	<p>MODIFY: (course title change) MUS 2015 (MUS 15) Songwriting and Music Composition</p>
109	<p>MODIFY: MUS 2523 (MUS 23) Applied Music - Literature 2 units, 112-126 total hours</p>
110	<p>DELETE: MUS 47 Sight Singing</p>
110	<p>MODIFY: MUS 1035 (MUS 35A) Beginning Piano Advisory: MUS 0853 (MUS 53)</p>
110	<p>ADD: MUS 0853 (MUS 53) Fundamentals of Piano 1 unit, 16-18 total lecture hours, 16-18 total lab hours Graded</p> <p>This course is offered to students with no piano experience or music reading skills. Course content includes piano study at the beginning level along with basic music fundamentals. (NDA)</p>
111 Insertion	<p>ADD: New courses in Music Industry (MUSI)</p> <p>MUSI 1010 (MUSI 1) Computer Music Technology I 2 units, 1 lecture hour, 3 lab hours Graded</p> <p>Students will learn to create new music using pre-existing loops and live, electric, or digital instruments. Using the Garage Band platform, MIDI interface, microphones, keyboards, and other instruments as inputs, students will explore the computer as a means for the creation of new music and editing of existing musical projects. (AA,CSU)</p> <p>MUSI 1011 (MUSI 11) LIVE AUDIO I 1 unit, 16-18 total lecture hours Graded</p> <p>Live Audio I is an introductory course covering the use of microphones, mixers, amplifiers, speakers, monitors, and related sound reinforcement equipment. Basics of the set up and use of this equipment, care of this equipment, and sound management techniques will be explored. (AA, CSU)</p>

MUSI 1510 (MUSI 2)
Computer Music Technology II
2 units, 1 lecture hour, 3 lab hours
Graded

This course is an introduction to Digidesign's Pro Tools digital audio workstation software application. Basic Pro Tools principles/skills covered include: how to complete a Pro Tools project from initial set up to final mixdown are covered. It included how to record, edit, and mix music and Music Instrument Digital Interface (MIDI) tracks within the Pro Tools LE application. (AA,CSU)

MUSI 1511 (MUSI 21)
Live Audio II
1 unit, 16-18 total lecture hours
Prerequisite: MUSI 1011
Graded

Live Audio II covers more advanced sound system techniques as a continuation of Live Audio I. Acoustics, relationships with performers and audiences, and business aspects of sound reinforcement will be among the topics covered in the course. (AA,CSU)

MUSI 2010 (MUSI 3)
Computer Music Technology III
2 units, 1lecture hour, 3 lab hours
Graded

This is an intermediate course in Digidesign's Pro Tools digital audio workstation hardware and software application. Concepts and skills needed to operate large sessions in a project studio environment are covered. It includes managing large track counts, multiple channels of simultaneous inputs and outputs and the use of specialized plug-ins for specific music and post-production tasks. (AA, CSU)

MUSI 2431 (MUSI 31)
Practicum Live Audio
1 unit, 64-72 total hours
Prerequisites: MUSI 1511
Graded

The Practicum is one of two experiential classes in the Live Audio and Recording Program. Students will explore real-world situations in sound reinforcement and live recording situations. (AA, CSU)

MUSI 2941 (MUSI 41)
Practicum in Studio Recording
1 unit, 64-72 total hours
Prerequisites: MUSI 2010.
Graded

The Practicum is one of two experiential classes in the Live Audio and Recording Program. Students will explore real-world situations in studio recording. (AA, CSU)

114	<p>MODIFY: Section “Challenge, Transfer, and other LVN options”. The text now reads:</p> <p>Licensed vocational Nurses (LVNs) and other health care workers may be able to obtain placement in the nursing program on a space available basis through challenge exams, portfolio assessment, and credit for equivalent courses or experience. Any students granted credit for previous education and/or experience shall be expected to enroll in the final semester of the associate degree nursing program regardless of the number of clinical hours previously completed in another program. <i>Licensed Vocational Nurses wishing to meet Board of Registered Nursing requirements only, must complete twenty-one units of nursing and nine units of sciences, including physiology and microbiology.</i> Students should make an appointment to see the COS Director of Nursing.</p>
115-116	<p>MODIFY: Unit changes for course and the LVN-RN Step-Up Program</p> <p>NURS 1031 (NURS 31) LVN-RN Step-up Community Mental Health Nursing units increase to 5.5</p> <p>NURS 1032 (NURS 32) LVN-RN Step-up – Intermediate Medical Surgical Nursing units increase to 6.5</p> <p>NURS 1541 (NURS 41) LVN-RN Step-up Advance Maternal Child Nursing units increase to 4.5</p> <p>NURS 1542 (NURS 42) LVN-RN Step-up – Advanced Medical Surgical Nursing units increase to 6.5.</p> <p>Total Units for LVN-RN Step-up Degree: 74-77</p>
117	<p>MODIFY: NURS 0951 (NURS 51) Vocational Nursing – First Semester Prerequisites: BIO 12A, FCS 11 within the last five years, ENGL 52 or qualification through assessment, MATH 81 or MATH 86F or qualification through assessment.</p>
117	<p>MODIFY: NURS 9062 (NURS 62) Certified Nurse Assistant Advisory changed to Prerequisite.</p> <p>Prerequisite: READ 0862 (READ 62) or qualification through assessment; ENGL 0896 (ENGL 96) or qualification through assessment. Students must demonstrate English comprehension at the sixth grade level or higher.</p>
117	<p>ADD: NURS 9067 (NURS 67) In Home Caregiver 1 unit, 1 lecture hour Graded</p> <p>This course is designed to provide the non-professional caregiver with basic caregiving skills, introduction to the aging process, and enhanced awareness of community resources available to help both the patient and the caregiver meet the challenges of providing safe, effective, and self-rewarding care. (NDA)</p>
117	<p>MODIFY: NURS 68 Career Pathways in Health is re-numbered to NURS 1046 (NURS 46)</p>

	Advisory: NURS 0870 (NURS 70)
118	<p>ADD: Associate in Arts Degree: Philosophy</p> <p>This program provides a structured system of study for students seeking an associate degree in philosophy or transferring to a four-year university program in philosophy. The discipline of philosophy provides students with not only a historical understanding of human culture, but also with training in the art of thinking. Philosophy leads students to develop the ability to comprehend, analyze, and reason about abstract ideas, and this ability carries over to everyday life and future careers. Philosophy majors do very well in admission to law and medical schools. Philosophy majors are eligible for the same careers as other liberal arts majors, and the major serves as a sound basis for specialization in other disciplines. Finally, and perhaps most importantly, the study of philosophy can have a considerable impact on the student's personal life.</p> <p>Requirements for the Major: <i>Complete two of the following:</i> PHIL 1001 (1) – Introduction to Philosophy (3) PHIL 1003 (3) – Ethics (3) PHIL1004 (4) – Critical Reasoning (3) <i>Complete three of the following</i> HIST 1004 (4A) - Western Civilization to 1600 (3) HIST 1005 (4B) – Western Civilization since 1600 (3) PHIL1009 (9) – Philosophy of Religion (3) PHIL 1010 (10A) – History of Ancient and Medieval Philosophy (3) PHIL 1011 (10B) –Modern and Contemporary Philosophy (3) PHIL 1020 (20) – World Religions: Western Cultures (3) PHIL 1021 (21) – World Religions: Eastern Cultures (3) <i>Complete one of the following:</i> PHIL 1012 (12) – Philosophy of Science and Religion (3) HUM 1001 (1) - Introduction to Humanities (3) PHIL 1014 (14) – Philosophy of Love, Sex, and Marriage (3) PHIL 1015 (15) – Philosophies of Non-Violence (3)</p> <p>Total Major Units: 18</p> <p>All courses must be completed with a grade C or better.</p> <p>A total of 60 units is required for the Associate degree in Philosophy. In addition to the 18 units of major courses, students need to complete general education requirements and electives to reach the required 60 degree-applicable units. Students must complete a general education pattern that is appropriate for their educational goal. Students who plan to transfer and earn a bachelor's degree from four-year institutions need to complete the CSUGE, or IGETC, or SOUGE requirements.</p>
118	CORRECT (course title): PHIL 1004 (PHIL 4) Critical Reasoning
119	<p>ADD: PHIL 1016 (PHIL 16) Environment, Culture, and Ethics 3 units, 3 lecture hours Graded</p> <p>A study of how such cultural traditions as religion, philosophy, ethics, science, and law</p>

	have influenced attitudes towards nature and environmental issues, and how cultural resources can contribute towards a better human/nature relationship. (AA,CSU,UC)
	<p>MODIFY: PEAC 1007 (7), 1011 (11), 1014 (14), 1015 (15), 1018 (18), 1024 (24), 1034 (34), 0953 (53), 0957 (57); PEFI 1001 (1), 1020 (20); PEMA 1022 (22), 1023 (23), 1024 (24), 1025 (25), 1026 (26), 1027 (27)</p> <p>1 unit, hours 48-54</p> <p>MODIFY: PEMA 1006 (6) and 1014 (14)</p> <p>1.5 units, hours 80-90</p> <p>MODIFY: PEMA 1007 (7), 1008 (8), 1010 (10), 1011 (11)</p> <p>3 units, 160-180 hours</p>
121	CORRECT: In “Requirements for the Major” for Associate in Science Degree: Physical Education – Kinesiology Course title for PEMA 1035 (PEMA 35) is Introduction to Athletic Training
127	CORRECT: Course title for PEMA 1036 (PEMA 36) is Clinical Experiences in Athletic Training.
129	<p>MODIFY: PHYS 1001 (PHYS 1) Physics by Exploration 4 units, 3 lecture hours / 3 lab hours</p> <p>ADD: PHSY 1020 (PHYS 20) Weird Science: Science, Skepticism, and Critical Thinking 3 units, 3 lecture hours Graded Advisory Courses: ENGL 1001(1A) and MATH 0830 (81).</p> <p>This course will strive to teach critical scientific thinking in explaining various phenomena including the realm of the paranormal as well as everyday human behavior. Discussions will focus on scientific versus pseudoscientific explanations, and how to tell the difference. Course content will cover the use of language, thought, and logic in distinguishing science fact from science fiction. Inductive and deductive methods, judgment, opinion, belief, and knowledge. A critical examination of contemporary pseudoscientific issues (creation "science", astrology, UFO's etc). (AA, CSU)</p>
133	MODIFY: READ 0862 (READ 62) Fundamentals of Reading Advisory: READ 0861 (READ 61)
136-137	<p>MODIFY: The corequisites for the following Spanish courses have been changed to prerequisites</p> <p>SPAN 1520 (SPAN 2) Elementary Spanish II Prerequisite: SPAN 1010 (SPAN 1)</p> <p>SPAN 2010 (SPAN 3) Intermediate Spanish I Prerequisite: SPAN 1520 (SPAN 2)</p> <p>SPAN 2520 (SPAN 4) Intermediate Spanish II</p>

	Prerequisite: SPAN 2010 (SPAN 3)
138	<p>MODIFY: Speech Communication (SPCH) program has been renamed as Communication Studies (COMS).</p> <p>ADD: An Associate in Arts Degree in Communication Studies for Transfer (AA-T) is pending approval. The AA-T option will be available in Fall 2011.</p> <p>Both the existing AA and the new AA-T options have the same major requirements as listed below. The major requirements align with the intersegmental Transfer Model Curriculum (TMC) for Communication Studies. The AA-T option complies with SB 1440. This option is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students should consult with a counselor to determine whether this degree is the best option for their transfer goals.</p> <p>To obtain the Associate in Arts Degree in Communication Studies, students must complete:</p> <ul style="list-style-type: none"> • The Communication Studies major requirements below. • The College of the Siskiyous General Education pattern (COSGE). • Any needed electives for a total of 60 associate degree applicable units. <p>To obtain the AA-T Degree in Communication Studies students must complete the following requirements with a minimum grade point average (GPA) of 2.0:</p> <ul style="list-style-type: none"> • The Communication Studies major requirements below. • The California State University General Education – Breath (CSUGE) or the Intersegmental General Education Transfer Curriculum (IGETC) requirements. • Any needed transferable electives to reach a total of 60 CSU transferable units. <p>Requirements for the Major: Complete the following: COMS 1100 - Public Speaking (3) COMS 1200 - Small Group Communication (3) COMS 1300 - Interpersonal Communication (3) Complete two of the following: COMS 1500 - Oral Interpretation (3) ENGL 1038 - Multicultural Communication (3) MCOM 1100 - Introduction to Mass Communication (3) Complete one of the following: ANTH 1010 - Introduction to Cultural Anthropology (3) COMS 1600 - Conflict Resolution (3) ENGL 1025 - Introduction to Journalism and News Writing (3) ENGL 1501 - Advanced Composition – Literature (3) ENGL 1502 - Advanced Composition – Critical Thinking (3) PSY 1001 - Introduction to Psychology (3) SOC 1001 - Introduction to Sociology (3) Total major units: 18</p> <p>All courses must be completed with a grade of C or better.</p>
139	<p>ADD: COMS 1600 (SPCH 5) Fundamentals of Communication: Resolving Private, Public, and Group Conflicts</p>

	<p>3 units, 3 lecture hours Graded Advisory Courses: ENGL 0950 (ENGL 52)</p> <p>This course is intended to help students understand the role of conflict in everyday life. Instruction is provided in identifying sources of conflict in private, public, and group environments. Students will practice in resolving these conflicts and working toward the establishment of low-stress environments. The course emphasis is conflict management and resolution skill development. (AA,CSU)</p>
139	<p>MODIFY: COMS 2929 (SPCH 29) Special Studies Prerequisite: SPCH 1100 (SPCH 1) or SPCH 1200 (SPCH 2) or SPCH 1300 (SPCH 3).</p>
139	<p>ADD: COMS 1500 (SPCH 30) Oral Interpretation 3 units, 3 lecture hours Graded Advisory: ENGL 0950 (ENGL 52)</p> <p>Oral Interpretation helps students to develop a better understanding of the interrelationship between themselves and the creative arts and humanities of a variety of cultures. Students learn how to select, analyze, edit, and orally perform selections of literature. Students also learn how to evaluate and critique performances of others. Prose, poetry, children's literature, and dramatic literature across cultures are studied. (AA, CSU, UC)</p>
141	<p>ADD: THEA 1700 (THEA 8) Introduction to Theatrical Design 3 units, 2 lecture / 3 lab hours Graded Advisory: ENGL 0950</p> <p>This course will introduce students to basic concepts of design for the theatre. Including, but not limited to: an introduction to all aspects of theatre design; exploration of design elements and principles; script interpretation and collaboration with other student designers. (AA, CSU, UC)</p> <p>ADD: THEA 2700 (THEA 9) Stage Management 2 units, 1 lecture / 3 lab hours Graded Advisory: ENGL 0950</p> <p>This course will introduce students to the basic concepts of stage management. The course will include, but not be limited to an introduction to all aspects of stage management; methods of working with directors, actors, and technicians. Students will explore the concept of collaboration with other theatre artists. (AA, CSU)</p>
143-144	<p>MODIFY: Welding programs Associate in Science Degree Welding</p>

Requirements for the Major:

Complete the following:

- WELD 1101 (1) – Beginning Welding (3)
- WELD 1102 (2) – Advanced Welding (3)
- WELD 1103 (3) – Metal Fabrication (3)
- WELD 1104 (4)– Gas Metal Arc Welding (3)
- WELD 1105 (5) – Gas Tungsten Arc Welding (3)
- WELD 2101 (6) – Weld Qualification (3)
- WELD 2102 (10) – Advanced Welding Applications (2)

Complete one of the following:

- CSCI 1001 (1) – Introduction to Computer Science (3)
- CSCI 1020 (20) – Introduction to Computer Applications (2)

Total Major Units: 22-23

All courses must be completed with a grade of C or better.

In addition to the major requirements, students need to complete College of the Siskiyous general education requirements (COSGE) and electives to reach the minimum of 60 degree-applicable units required for the associated degree. Consult with an advisor or a counselor to plan the courses necessary to achieve your academic goal.

Students will have the opportunity to receive certification in advanced positional welds, tungsten welds and wire welding processes upon completion of the 4th semester of welding leading to the Associate of Science degree.

Certificates of Achievement

Welding- Basic Level

Requirements for the Certificate:

Complete the following:

- WELD 1101 (1) – Beginning Welding (3)
- WELD 1102 (2) – Advanced Welding (3)
- WELD 1103 (3) – Metal Fabrication (3)
- WELD 1104 (4) – Gas Metal Arc Welding (3)
- WELD 1105 (5) – Gas Tungsten Arc Welding (3)
- WELD 2102 (10) – Advanced Welding Applications (2)

Complete one of the following:

- BA 1004 (4) – Business Communications (3)
- ENGL 1001 (1A) – College Composition (3)

Complete one of the following:

- BA 0959 (59) – Business and Practical Math (3)
- Any one MATH course approved for COSGE

Total Basic Level Welding Certificate Units: 23

All courses must be completed with a grade of C or better.

Welding-Advanced Level

Requirements for the Certificate:

Complete the following:

	<p>WELD 0957 (57) – Power Plant and Field Pipe Welding (3) WELD 1101 (1) – Beginning Welding (3) WELD 1102 (2) – Advanced Welding (3) WELD 1103 (3)–Metal Fabrication (3) WELD 1104 (4) – Gas Metal Arc Welding (3) WELD 1105 (5) – Gas Tungsten Arc Welding (3) WELD 2101 (6) – Weld Qualification (3) WELD 2102 (10) – Advanced Welding Applications (2)</p> <p>Complete one of the following: BA 1004 (4) – Business Communications (3) ENGL 1001 (1A) – College Composition (3)</p> <p>Complete one of the following: BA 0959 (59) – Business and Practical Math (3) Any one MATH course approved for COSGE</p> <p>Complete one of the following: CSCI 1001 (1) – Introduction to Computer Science (3) CSCI 1020 (20) – Introduction to Computer Applications (2)</p> <p>Total Advanced Level Welding Certificate Units: 31-32</p> <p>All courses must be completed with a grade of C or better.</p>
145	<p>CORRECT: WELD 0957 (WELD 57) Power Plant and Field Pipe Welding I 3 units, 1 Lecture / 5 Lab hours</p>
145	<p>MODIFY: Units for Work Experience courses</p> <p>ADHS 2949, ADJ 2949, ADHS 2949, BA 2949, BIO 2949, CSCI 2949, ECE 2949, EMS 2949, ENGR 2949, FIRE 2949, MCOM 2949, NURS 2949, OA 2949, WELD 2949 (All 2949 courses were previously numbered 49) Units .5-8, hours 24-432</p> <p>WEE 10 General Work Experience Units .5-6, hours 24-324</p>
152	<p>MODIFY: Conduct Process</p> <p>When addressing the incidents of misconduct by students, the following steps will be followed:</p> <p>Step 1. Misconduct reported to the Student Conduct Administrator</p> <ul style="list-style-type: none"> • A report of misconduct is received by the Student Conduct Administrator. The Conduct Administrator reviews the report and determines if the incident should be directed to the Student Conduct Board. If a conduct hearing is needed, the student will be notified of the date, time, and place of the conduct hearing. The students will receive at least 24 hours notice of the scheduled hearing. The only exception to this procedure is when a summary suspension is imposed by the Superintendent/President on a student or on a group of students.

	<p>Step 2. A preliminary hearing is held with the Student Conduct Board</p> <ul style="list-style-type: none"> • The Student Conduct Board will make known to the student the specific charges of misconduct. This may include testimony from college staff and witnesses. • The student will be given the opportunity to answer the charges in person and call witnesses, as appropriate. If the student does not attend the hearing, he/she waives the right to appeal any decision made in his/her absence.
152	<ul style="list-style-type: none"> • The Student Conduct Board will hear all sides and then submit their recommendation regarding responsibility and sanctions to the Student Conduct Administrator. After the hearing and review by the Student Conduct Administrator, the Student Conduct Administrator makes the decision regarding the incident, and the student shall be informed in writing of the disciplinary action to be taken. • The student has the choice to either accept the disciplinary action (Step 3), or file a request to the Superintendent/President for an Appeals Committee hearing (Step 4). <p>Step 3.- The disciplinary action is taken</p> <ul style="list-style-type: none"> • The disciplinary action noted in the letter is then taken. The Student Conduct Administrator shall report the disciplinary action to the Superintendent/President. If at the end of 48 hours (2 school days), the student does not file an appeal with the Superintendent/President, the student will have waived his/her right to an appeal. <p>Step 4.- An appeal is made to the Appeals Committee</p> <p>When a student does not accept the decision made at the preliminary hearing, he/she may file an appeal to have his/her case considered by the Appeals Committee of the College. The steps involved in the appeal process are:</p> <ul style="list-style-type: none"> • Within 48 hours (2 school days), a written Notice of Appeal must be filed with the College Superintendent/President. The notice indicates that the student would like to appeal the disciplinary action. This notice must identify the reason(s) for the appeal based on one or both of the following criteria: <ol style="list-style-type: none"> 1. The student was not given due process 2. New relevant evidence has surfaced since the hearing. <p>The student must clearly explain how his/her case meets the above criteria.</p> • The Notice of Appeal will be reviewed by the Superintendent/President to determine if there is sufficient reason to forward the case to the Appeals Committee. A letter will be sent to the student indicating whether an appeal is warranted. If there is sufficient evidence to justify an appeal, the Superintendent/President will contact the Chief Learning Officer to set up an appeals committee. • If an appeal is warranted, a meeting of the Appeals Committee shall be convened within five school days from the date of the Superintendent/President's letter. The Committee includes two faculty and two student members and is chaired by the Chief Learning Officer. • The Appeals Committee shall review the Appeal Letter and hear the student's response

	<p>to the charges.</p> <ul style="list-style-type: none">• The decision of the Appeals Committee, in written form, shall be provided to the student and to the President.
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