2022-2023 Catalog Addendum

Cerro Coso Community College

3000 College Heights Blvd.
Ridgecrest, CA 93555

760-384-6100

www.cerrocoso.edu

Cerro Coso Community College is a member of the Kern Community College District

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Publication Staff

Corey Marvin, Vice President, Instruction
Deborah Gregory, Graphic Designer
Jaime McClure, Instruction Office Specialist
Accreditation

Cerro Coso Community College is accredited by the
Western Association of Schools and Colleges
and is fully approved by the Board of Governors,
California Community Colleges
and other state and federal agencies.
The University of California,
California State Universities
and other Universities and colleges
grant credit to lower division transfer courses
completed at Cerro Coso Community College.
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# Summary of New General Education Transfer Approvals

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New Courses

Administration of Justice

ADMJ C056  A  1.00 Unit
School Security Officer Training

Prerequisite: ADMJ C050

Repeatability Status: Not repeatable

24 hours lecture. This course covers the required learning domains outlined in Senate Bill 1626 and Senate Bill 390 for security professionals working in the K-12 system and/or at a California community college campus. The course provides students with information and practical technique training to prepare them for employment in school security. Topics include, but are not limited to, roles and responsibilities of the officer, laws, liability, security awareness in the educational environment, mediation/conflict resolution, emergencies, and the dynamics of student behaviors.

ADMJ C160  A/CSU  3.00 Units
Introduction to Constitutional Law

Advisory: ENGL C101

Repeatability Status: Not repeatable

54 hours lecture. This course is an introduction to the United States and California constitutional law history, theory, and practice. In this course, the history of the United States Constitution, the governmental structure that the Constitution creates, and the individual rights that it protects are addressed. In addition, the course also addresses the major approaches to interpreting the Constitution with an emphasis on national, state, and local government. Finally, the students consider the history, theory, and practice of litigating and adjudicating selected substantive Due Process rights and Equal Protection rights. Approved for Local GE Area 2.

Music

MUSC C851  NC  0.00 Units
Community Choir

Repeatability Status: Repeatable

54 hours laboratory. This is a non-credit course. This course is for the study, rehearsal, and public performance of literature appropriate to a choir, with emphasis on the development of skills needed to perform within a large ensemble. Different literature is studied each semester. An audition is required. This course is specifically geared toward older adults; however, there are no age or other restrictions on enrollment.

MUSC C851  NC  0.00 Units
Community Choir

Repeatability Status: Repeatable

54 hours laboratory. This is a non-credit course. This course is for the study, rehearsal, and public performance of literature appropriate to a choir, with emphasis on the development of skills needed to perform within a large ensemble. Different literature is studied each semester. An audition is required. This course is specifically geared toward older adults; however, there are no age or other restrictions on enrollment.
Substantive Course Modifications

Modifications in course name or number, title, unit value, prerequisite, repeat status, hours, or general education applicability

**Anthropology**

**ANTH C141**  A/UC/CSU  3.00 Units

**Introduction to Native American Studies**

Advisory: ENGL C101, LIBR C100
Repeat Status: Not repeatable

54 hours lecture. This ethnic studies course is a survey of the Native peoples and cultures of North America. It emphasizes native languages, history, culture, intellectual traditions, social organizations, religion, world view, artistic representations, social struggles, and social justice movements. Students critically examine the impact of tribal nations on each other, as well as the interactions with other groups of people. This course examines the roots of present-day conditions of Native communities and the contributions of Native Americans to the cultures of the Americas. This course is cross-listed with ETHN C141. Approved for IGETC Area 4, CSU GE Area D or F, Local GE Area 2 or 3, & 6.

**Ethnic Studies**

**ETHN C141**  A/UC/CSU  3.00 Units

**Introduction to Native American Studies**

Advisory: ENGL C101, LIBR C100
Repeat Status: Not repeatable

54 hours lecture. This ethnic studies course is a survey of the Native peoples and cultures of North America. It emphasizes native languages, history, culture, intellectual traditions, social organizations, religion, world view, artistic representations, social struggles, and social justice movements. Students critically examine the impact of tribal nations on each other, as well as the interactions with other groups of people. This course examines the roots of present-day conditions of Native communities and the contributions of Native Americans to the cultures of the Americas. This course is cross-listed with ANTH C141. Approved for IGETC Area 4, CSU GE Area D or F, Local GE Area 2 or 3, & 6.

**Chemistry**

**CHEM C223**  A/UC/CSU  5.00 Units

**Organic Chemistry II**

C-ID: CHEM C160 S Organic Chemistry for Science Majors Sequence A
Prerequisite: CHEM C221
Repeat Status: Not repeatable

72 hours lecture/54 hours laboratory. This course covers the chemistry of aromatic compounds, alcohols, thiols, ethers, epoxides and sulfides, aldehydes, ketones, carboxylic acids and carboxylic acid derivatives, amino acids, proteins, amines, phenols, carbohydrates, lipids, heterocycles, polymers, and biological systems. Pericyclic carbonyl condensation, alpha substitution, and other reaction mechanisms are also covered. This Organic Chemistry II course is taught according to the standards developed by the American Chemical Society. Approved for IGETC Area 5A & 5C and CSU GE B1 & B3.

**Ethnic Studies**

**ETHN C210**  A/UC/CSU  3.00 Units

**Race and Ethnicity in Film**

Advisory: ENGL C101, LIBR C100
Repeat Status: Not repeatable

54 hours lecture. Through a multidisciplinary examination of films, documentaries, and analytical essays, students use critical reasoning skills to discover how the structures of race, class, gender, and similar constructs have shaped and formed society and culture in the United States. There is analysis, discussion, and written critique of selected films and readings, with an emphasis on race and ethnicity. This course also provides an opportunity for project based learning in anti-racism outreach. Students may be required to rent films or subscribe to a video streaming service. This course is cross-listed with ETHN C210. Approved for IGETC Area 4, CSU GE Area D or F, Local GE Area 2 or 3, & 6.

**English**

**ENGL C222**  A/UC/CSU  3.00 Units

**World Literature: 17th Century to Present**

C-ID: ENGL 145 Survey of World Literature 2
Prerequisite: ENGL C101 (formerly C070)
Repeat Status: Not repeatable

54 hours lecture. This course is a comparative study of selected works, in translation and in English, of literature from around the world, including Europe, the Middle East, Asia, and other areas, from the mid or late seventeenth century to the present. Approved for IGETC Area 3B, CSU GE Area C2, Local GE Area 2 or F, Local GE Area 2 or 3, & 6.
French

FREN C101  A/UC/CSU  5.00 Units
Elementary French I
Advisory: ENGL C070
Repeat Status: Not repeatable
90 hours lecture. This is an introductory course in which students learn basic grammar and vocabulary for speaking, reading, understanding, and writing at the beginning level as well as the culture and civilization of the French-speaking world. Approved for IGETC Area 6, CSU GE Area C2, Local GE Area 3 \\& 6.

Health Careers

HCRS C100  A/CSU  3.00 Units
Fundamentals of Nursing
Prerequisite: BIOL C125 and/or BIOL C251 and BIOL C255, BSOT-C075, HCRS-C065, HCRS C132, HCRS C150, PSYC C101 or PSYC C101H
Co-requisite: HCRS C103, HCRS C107, HCRS C113
Repeat Status: Not repeatable
54 hours lecture. This theory course begins with an introduction to the roles of the vocational nurse and provides a foundation of basic nursing arts and sciences necessary for the practice of nursing including concepts specific to the gerontological client. Using the nursing process as a framework, concepts of professionalism, growth and development, safety, and health concerns for the adult and geriatric population are discussed. Legal and ethical considerations, cultural diversity, the nursing process, and basic data collection are included as theory topics along with the presentation of basic mental health concepts applicable to the geriatric client. Fundamental nursing skills are discussed in detail with concurrent hands-on practice of skills in the Vocational Nursing Lab I course.

HCRS C132  A/CSU  1.50 Units
Electronic Health Records (formerly Record)
Advisory: ENGL C101 (formerly C070)
Repeat Status: Not repeatable
27 hours lecture. This course covers concepts and techniques for managing and maintaining manual and electronic health records (EHR). Topics include structure and use of health information including data collection and analysis, data sources/sets, archival systems, and quality and integrity of health care data. The focus of this course is system-wide clinical documentation guidelines and regulatory standards

HCRS C142  A/CSU  1.50 Units
Administrative Medical Assistant Externship (formerly Medical Assistant Administrative Externship)
Prerequisite or corequisite: HCRS C133, HCRS C134, HCRS C135
Repeat Status: Not repeatable
90 hours volunteer work experience. The Administrative Medical Assistant (AMA) Externship is a practical application of the theory and skills learned in the classroom. The student participates in front office procedures under the direct supervision of the physician and the office manager and the indirect supervision of the classroom instructor.

HCRS C150  A/CSU  3.00 Units
Medical Terminology for Health
Repeat Status: Not repeatable
54 hours lecture. This course is designed to familiarize the student with the language of medicine. The components of medical terminology are highly beneficial for any individual with a healthcare employment objective. The course presents the components of medical works including word roots, combining forms, suffixes, and prefixes. Using medical terminology as a focal point, the instructor discusses the systems of the body.

HCRS C180 (formerly C230)  A/CSU  3.00 Units
Pharmacology for Health Professionals
Advisory: ENGL C101 (formerly C070)
Repeat Status: Not repeatable
54 hours lecture. This course presents the components of pharmacology including techniques of administration, dosage calculations, foundations of pharmacology, patient education, health promotion, and a detailed overview of each drug class and commonly used drugs by body system. Pharmacology is an integral part of every aspect of health careers and this course is recommended for any individual with a health career objective.

HCRS C181 (formerly C250)  A/CSU  3.00 Units
Cultural Diversity in Health Care
Advisory: ENGL C101 (formerly C070)
Repeat Status: Not repeatable
54 hours lecture. This course familiarizes the students with the fundamentals of cultural diversity as an integral part of every aspect of health care. This course is encouraged for any individual with a health career objective. Students explore cross-cultural theory and analyze forms of cultural diversity including gender, age, and family. Students analyze how cultural diversity affects health/illness dynamics and how recognition of ethnocentrism and bias can help improve health care delivery. Approved for Local GE Area 6.
HCRS C133 (formerly C260)  A/CSU  3.00 Units
Ethics for the Health Professional
Advisory: ENGL C101 (formerly C070)
Repeat Status: Not repeatable
54 hours lecture. This course explores the theories, models, and principles that serve as guides for ethical behavior within the healthcare context. Ethics is an integral part of every aspect of health careers and this course is encouraged for any individual with a health career objective. The students explore the complexities created by science and technological advances, the variety of health care settings, and the diversity of patients in their care, all while emphasizing the importance of principled behavior in personal and professional situations. Global issues such as health policy, economics, social, gender, transcultural and spiritual considerations are addressed.

HCRS C137  A/CSU  3.00 Units
Clinical Medical Assisting II
Prerequisite: HCRS C136
Prerequisite or corequisite: HCRS C138, HCRS C139
Repeat Status: Not repeatable
45 hours lecture/27 hours laboratory. This course is designed to provide advanced education and training for the individual who is interested in working as a clinical medical assistant in a medical or clinical back office. Topics include patient history and interviewing, techniques of assisting the physician with patients, minor surgeries and sterile dressing changes, staple and suture removal, theory of x-ray examination and treatment, patient education, electrocardiographic methods, and first aid. Common office procedures are discussed and practiced in the Skills Lab. Emphasis is placed the role of the clinical medical assistant.

HCRS C138  A/CSU  2.00 Units
Medication Administration for Medical Assisting
Prerequisite or corequisite: HCRS C136, HCRS C137, HCRS C138
Repeat Status: Not repeatable
27 hours lecture/27 hours laboratory. This course provides basic education and training in medications and administration for the individual who is interested in working as a Clinical Medical Assistant in the medical back office environment. Topics include basic mathematics, terminology, medication orders, medication administration, including oral and intravenous, and documentation. Emphasis is on client education and the role of the clinical medical assistant.

HCRS C139  A/CSU  2.00 Units
Laboratory Procedures
Prerequisite or corequisite: HCRS C136, HCRS C137, HCRS C138
Repeat Status: Not repeatable
27 hours lecture/27 hours laboratory. This introductory laboratory course provides basic education and training for a clinical medical assistant in a physician’s office laboratory. The focus of the training includes methods of specimen collection, principles of routine office laboratory tests, techniques for blood tests, microbiology office procedures, and blood withdrawal.

HCRS C206  A/CSU  3.00 Units
Obstetrics and Pediatric Nursing (formerly Maternal/Child Nursing)
Corequisite: HCRS C207, HCRS C216
Repeat Status: Not repeatable
54 hours lecture. This theory course provides an overview of contemporary family-centered childbirth and a foundation for pediatric nursing using growth and development concepts as a framework for presenting health problems and the special concerns of the pediatric client. This course focuses on the provider and manager of care role of the vocational nurse in assisting families experiencing common health/illness situations associated with their age groups. Using the nursing process and developmental theory as a framework, instructors discuss the nursing responsibilities of the child-bearing family and the pediatric client. The course concepts are correlated with the clinical settings in HCRS C216 Clinical Nursing III.

HIST C103  A/UC/CSU  3.00 Units
Western Civilization - Antiquity to the Renaissance
C-ID: HIST 170 Western Civilization I
Advisory: ENGL C101
Repeat Status: Not repeatable
54 hours lecture. This course covers the growth of European civilization. Social, political, and cultural developments are integrated with the introduction of ideas and institutions basic to the understanding of one’s own heritage. This course also covers the development of Western Civilization from the earliest times to the close of the Middle Ages. Approved for IGETC Area 3B or 4, CSU GE Area C2 or D, Local GE Area 2 or 3.

HIST C103H  A/UC/CSU  4.00 Units
Western Civilization - Antiquity to the Renaissance: Honors
C-ID: HIST 170 Western Civilization I
Prerequisite: ENGL C101
Limitation on Enrollment: Enrollment in this honors course is limited to students enrolled in the associated course. Students will be required to read and comprehend challenging materials and analyze in depth a chosen topic appropriate for intensified study and must be able to maintain a minimum standard of coursework at the honors level.
Repeat Status: Not repeatable
72 hours lecture. This course covers the growth of European civilization. Social, political, and cultural developments are integrated with the introduction of ideas and institutions basic to the understanding of one's own heritage. This course also covers the development of Western Civilization from the earliest times to the close of the Middle Ages. The honors course provides more content and requires greater intensity and depth of study than the non-honors course; the honors course also requires at least one extra research assignment. Approved for IGETC Area 3B or 4, CSU GE Area C2 or D, Local GE Area 2 or 3.
HIST C104 A/UC/CSU 3.00 Units
Western Civilization - Renaissance to the Modern Era

C-ID: HIST 180 Western Civilization II
Advisory: ENGL C101
Repeat Status: Not repeatable
54 hours lecture. This course covers the growth and development of European Civilization from the Renaissance to the present, integrating social, political, and cultural developments of European and the Western heritage. Approved for IGETC Area 3B or 4, CSU GE Area C2 or D, Local GE Area 2 or 3.

HIST C104H A/UC/CSU 4.00 Units
Western Civilization - Renaissance to the Modern Era: Honors

C-ID: HIST 180 Western Civilization II
Prerequisite: ENGL C101
Limitation on Enrollment: Enrollment in this honors course is limited to students enrolled in the associated course. Students will be required to read and comprehend challenging materials and analyze in depth a chosen topic appropriate for intensified study and must be able to maintain a minimum standard of coursework at the honors level.
Repeat Status: Not repeatable
72 hours lecture. This course covers the growth and development of European Civilization from the Renaissance to the present, integrating social, political, and cultural developments of European and the Western heritage. The honors course provides more content and requires greater intensity and depth of study than the non-honors course; the honors course also requires at least one extra research assignment. Approved for IGETC Area 3B or 4, CSU GE Area C2 or D, Local GE Area 2 or 3.

HIST C131 A/UC/CSU 3.00 Units
History of the United States to 1877

C-ID: HIST 130 United States History to 1877
Advisory: ENGL 101
Repeat Status: Not repeatable
54 hours lecture. This course examines the social, political, economic, and cultural history of the United States from the establishment of European colonies in the New World through Reconstruction. Special attention is given to the study of selected topics, such as the development of American ideologies, institutions, and legal structures. Approved for IGETC Area 3B or 4 & US History, CSU GE Area C2 or D & US History, Local GE Area 2 or 3.

HIST C131H A/UC/CSU 4.00 Units
History of the United States to 1877: Honors (formerly United States)

C-ID: HIST 130 United States History to 1877
Prerequisite or Co-requisite: ENGL C101
Limitation on Enrollment: Enrollment in this honors course is limited to students enrolled in the associated course. Students will be required to read and comprehend challenging materials and analyze in depth a chosen topic appropriate for intensified study and must be able to maintain a minimum standard of coursework at the honors level.
Repeat Status: Not repeatable
72 hours lecture. This course examines the social, political, economic, and cultural history of the United States from the establishment of European colonies in the New World through Reconstruction. Special attention is given to the study of select topics, such as the development of American ideologies, institutions, and legal structures. The honors course provides more content and requires greater intensity and depth of study than the non-honors course. Approved for IGETC Area 3B or 4 & US History, CSU GE Area C2 or D & US History, Local GE Area 2 or 3.

HIST C132 A/UC/CSU 3.00 Units
History of the United States from 1877 to Present

C-ID: HIST 140 United States History from 1865
Advisory: ENGL C101
Repeat Status: Not repeatable
54 hours lecture. The course examines the social, political, economic, and cultural history of the United States from Reconstruction to the present. Special attention will be paid to the study of selected topics, such as American institutions, ideologies, and constitutional development. Approved for IGETC Area 3B or 4 & US History, CSU GE Area C2 or D & US History, Local GE Area 2 or 3.

Math

MATH C110 A/CSU 4.00 Units
College Algebra for Non-STEM Majors

Prerequisite: MATH C053 or MATH C055
Repeatability Status: Not repeatable
54 hours lecture/54 hours laboratory. This is a transfer-level algebra course for non-STEM majors which includes theory and applications of the following: linear functions and graphs, laws of exponents and logarithms, exponential and logarithmic functions, power functions, and quadratic and polynomial functions. A lab provides support to review basic algebra. Approved for CSU GE Area B4, Local GE Area 4

Information Technology

IT C248 A/CSU 3.00 Units
System and Network Administration

C-ID ITIS 155 Systems and Network Administration
Prerequisite: IT C101
Advisory: IT C143
Repeat Status: Not repeatable
36 hours lecture/54 hours laboratory. This course provides students with the knowledge and skills required to build, maintain, troubleshoot and support server hardware and software technologies. Topics include environmental issues, disaster recovery and physical / software security procedures, industry terminology and concepts, server roles / specializations, and interaction within the overall computing environment. This course prepares students for the current version of CompTIA's Server+ certification exam.
Sociology

SOCI C210 A/UC/CSU 3.00 Units
Race and Ethnicity in Film
Advisory: ENGL C101, LIBR C100
Repeat Status: Not repeatable
54 hours lecture. Through a multidisciplinary examination of films, documentaries, and analytical essays, students use critical reasoning skills to discover how the structures of race, class, gender, and similar constructs have shaped and formed society and culture in the United States. There is analysis, discussion, and written critique of selected films and readings, with an emphasis on race and ethnicity. This course also provides an opportunity for project based learning in anti-racism outreach. Students may be required to rent films or subscribe to a video streaming service. This course is cross-listed with ETHN C210. Approved for IGETC Area 4, CSU GE Area D or F, Local GE Area 2 or 3, & 6.

SOSC C271 A/CSU/UC 3.00 Units
Research Methods in the Social and Behavioral Sciences
C-ID: SOCI 120 Introduction to Research Methods, POLS 160 Introduction to Political Science Research Methods
Prerequisite: ANTH C121 or ANTH C121H OR POLS C101 or POLS C101H OR SOCI C101
Advisory: MATH C121 or MATH C121H
54 hours lecture. This course covers research methods in the social and behavioral sciences, as well as proper reporting of results in American Psychological Association (APA) style. These methods include research design (experimental, non-experimental, and quasi-experimental), the interpretation of behavioral data using descriptive and inferential statistics, and research ethics. This course is identical to PSYC C271. Students who have already taken PSYC C271 may not enroll in this class. Approved for IGETC Area 4, CSU GE Area D, Local GE Area 2.

SWHS (formerly HMSV) C103 A/CSU 1.00 Unit
Social Work and Human Services Fieldwork Seminar
Prerequisite: SWHS C101
Corequisite: SWHS C104
Repeat Status: Not repeatable
18 hours lecture. In this course, students integrate theory about the social work and human services occupations into actual workplace practices by role-playing workplace situations, interviewing people working in different human services settings, and analyzing workplace situations in order to practice professional responses. It provides students participating in a supervised field experience in a community organization, agency, or institution with a weekly class meeting that adds an academic element to the experiential course offering. This course is designed to develop skills that facilitate gaining employment in the human services field.

SWHS (formerly HMSV) C104A/CSU 2.00 Units
Social Work and Human Services Fieldwork
Prerequisite: SWHS C101
Corequisite: SWHS C103
Repeat Status: Not repeatable
126 hours laboratory. This course provides students with the complete experience of working in a social work and human services setting. Students have the opportunity to apply information, develop and practice skills, participate in a supervisory relationship, receive performance evaluation, and provide feedback to other human services trainees. Students are required to pass a drug screening, and if required by the agency, may need to have a Live Scan at their own expense. Students may need to fulfill other site-specific requirements before beginning the internship. To pass this course, students must complete fieldwork hours with a social work and human services agency.

Social Work and Human Services

SWHS (formerly HMSV) C101 A/CSU 3.00 Units
Introduction to Social Work and Human Services
Advisory: ENGL C101
Repeat Status: Not repeatable
54 hours lecture. This course introduces students to the social work and human service professions and their role in helping people cope with the problems of living. It provides a historical overview and contemporary theories, as well as description of service delivery models, allowing students to understand the client as a whole person in a specific context. The course addresses competence, professionalism, and legal and ethical issues in the field. Approved for Local GE Area 6.
Minor Course Changes

Modifications in advisory or course description

Biology

BIOL C101   A/UC/CSU   3.00 Units
Concepts of Biology Lecture
Advisory: ENGL C101 (formerly C070)
Repeat Status: Not repeatable
This is a survey course in general biology for non-majors. Topics cover principles of organization, cell structure and function, genetics, metabolism, organ systems, reproduction (plants and animals), ecology, evolution, diversity, and animal behavior. Not open to students who have completed BIOL C105. Approved for IGETEC Area 5B, CSU GE Area B2, Local GE Area 1.

BIOL C105   A/UC/CSU   4.00 Units
Concepts of Biology
Advisory: ENGL C101 (formerly C070)
Repeat Status: Not repeatable
54 hours lecture/54 hours laboratory. This is an introductory course in biological science with laboratory experience for non-majors. The course illustrates the principles of organization, cell structure and function, genetics, metabolism, organ systems, reproduction (plant and animal), ecology, evolution, and animal behavior. The course is not open to students with credit in BIOL C101. Approved for IGETEC Area 5B & 5C, CSU GE Area B2 & B3, Local GE Area 1.

BIOL C105H   A/UC/CSU   5.00 Units
Concepts of Biology: Honors
Prerequisite: ENGL C101 (formerly C070)
Limitation on Enrollment: Enrollment in this honors course is limited to students enrolled in the associated course. Students will be required to read and comprehend challenging materials and analyze in depth a chosen topic appropriate for intensified study and must be able to maintain a minimum standard of coursework at the honors level.
Repeat Status: Not repeatable
72 hours lecture/54 hours laboratory. This is an introductory course in biological science with laboratory experience for non-majors. The course illustrates the principles of organization, cell structure and function, genetics, metabolism, organ systems, reproduction (plant and animal), ecology, evolution, and animal behavior. The course is not open to students with credit in BIOL C101. The honors course provides more content and requires greater intensity and depth of study than the non-honors class. Approved for IGETEC Area 5B & 5C, CSU GE Area B2 & B3, Local GE Area 1.

Health Careers

HCRS C075   A   1.50 Units
Principles of Intravenous Therapy and Blood Withdrawal
Prerequisite Required by Statute: Current California Vocational Nursing License (LVN), or senior standing in a LVN Program, or Interim VN Permittee status. Students must have a current California Vocational Nursing License (LVN), or senior standing in a LVN Program, or Interim VN Permittee status as mandated by the Board of Vocational Nursing and Psychiatric Technicians.
Repeat Status: Not repeatable
27 hours lecture/9 hours laboratory. The course is designed to enable the Licensed Vocational Nurse (LVN) to safely initiate and maintain intravenous therapy in a clinical setting. LVN's successfully completing this course are certified by the California Board of Vocational Nursing and Psychiatric Technicians (BVNPT), to initiate and superimpose intravenous fluids. LVN's must have a current California Vocational Nursing License or senior standing in an LVN Program, or Interim Permittee Vocational Nurse status.
HCRS C103  A/CSU  3.00 Units
Medical Surgical Nursing
Prerequisite: HCRS C100, HCRS C107, HCRS C113
Repeat Status: Not repeatable
54 hours lecture. This theory course focuses on the application of the nursing process in common health/illness situations. Using the nursing process as a framework, instructors emphasize the role of the vocational nurse as a provider of care in assisting the adult and geriatric client with chronic disorders affecting the gastrointestinal, genitourinary, endocrine, and integumentary systems. Topics include an overview of basic nutrients, basic therapeutic diets, and patient education specific to chronic conditions. Basic mental health concepts are introduced. Concepts in this course are correlated with the clinical settings presented in Vocational Nursing Lab I.

HCRS C107  A/CSU  2.00 Units
Basic Pharmacology Vocational Nursing
Co-requisite: HCRS C100, HCRS C103, HCRS C113
Repeat Status: Not repeatable
36 hours lecture. This course is designed to prepare the vocational nurse to function safely when administering medication. Using the nursing process as a framework, instructors present the concepts of pharmacology, calculations, and nursing considerations that pertain to the safe administration of medication.

HCRS C130  A/CSU  2.00 Units
Communication in Healthcare
Advisory: ENGL C101 (formerly C070)
Repeat Status: Not repeatable
36 hours lecture. This course is designed to prepare the student to recognize human behaviors and communicate effectively with clients and other healthcare providers in the workplace. Topics include verbal and non-verbal communication techniques, listening skills, therapeutic communication skills, and communicating with other healthcare providers. This course meets the competency standards for Commission on Accreditation of Allied Health Education Programs (CAAHEP) and California Certifying Board for Medical Assistants (CCBMA) certification.

HCRS C133  A/CSU  3.00 Units
Medical Office Procedures
Prerequisite: HCRS C150, HCRS C130, HCRS C131, HCRS C132
Advisory: ENGL C101
Repeat Status: Not repeatable
54 hours lecture. This course enables the student to gain a wide range of skills that may be required in a medical front office, which is an area that requires a high level of adaptability. This course covers basic office procedures, which include receptionist, appointments, scheduling, telephone techniques, interpersonal relations, computer data entry, oral communication, and medical-legal doctrines.

HCRS C134  A/CSU  3.00 Units
Basic Medical Insurance and Billing
Prerequisite: HCRS C150, HCRS C130, HCRS C131, HCRS C132
Advisory: ENGL C101
Repeat Status: Not repeatable
36 hours lecture. This course presents the basic functions of the insurance and billing practices for healthcare workers. Topics include management of basic financial activities for healthcare facilities including medical insurance, methods of establishing professional fees, billing laws and regulations, banking, and bookkeeping.

HCRS C135  A/CSU  2.00 Units
Basic ICD and CPT Coding
Co-requisite: HCRS C133
Advisory: BIOL C121, ENGL C101
Repeat Status: Not repeatable
36 hours lecture. This course presents a thorough overview of basic International Classification of Diseases (ICD) and Current Procedural Terminology (CPT) coding. Procedural coding and International Classification of Diseases provides students with the detailed knowledge to implement the specialized coding needed for billing insurance companies.

HCRS C136  A/CSU  3.00 Units
Clinical Medical Assisting I
Prerequisite: HCRS C130, HCRS C131, HCRS C132, HCRS C150
Repeat Status: Not repeatable
45 hours lecture/27 hours laboratory. This is an introductory course designed to provide basic education and training for the individual who is interested in working as a Clinical Medical Assistant in a medical or clinical back office. Topics include basic infection control, Occupational Safety and Health Act (OSHA) regulations, principles of nutrition, vital signs and height/weight measurements, initial medical record documentation, and maintenance of the clinical facility. Common office practices, such as taking vital signs are discussed and practiced in the skills lab.
Clinical Nursing III

Corequisite: HCRS C205, HCRS C206, HCRS C207, HCRS C208

Repeat Status: Not repeatable

324 hours clinical. Using the advanced application of the nursing process and developmental theory as a framework to guide the plan of care, students provide care for the childbearing family, pediatric clients, and clients with acute medical and surgical illnesses. The care focuses on multiple clients from various ethnic and social backgrounds. Clinical experiences provide opportunities for the demonstration of leadership skills, capabilities, and knowledge essential to the role of the vocational nurse as a member of the health care team and supervisor of other vocational nurses and unlicensed health care givers. Application of critical thinking skills and the utilization of the nursing process in clinical decision-making are assessed. This clinical course includes settings in acute care, clinics, physician offices for obstetrics and pediatric clients, and acute and sub-acute settings for the care of clients with acute medical and surgical illnesses. The clinical content correlates with HCRS C205, HCRS C206, HCRS C207, and HCRS C208.

Information Technology

IT C101 A/UC/CSU 3.00 Units

Introduction to Computer Information Systems

C-ID: BUS 140 Business Information Systems
C-ID: ITIS 120 Computer Information Systems

Advisory: ENGL C101 (formerly C070)
Repeat Status: Not repeatable

36 hours lecture/54 hours laboratory. This course is an examination of information systems and their role in business. The course focuses on information systems, database management systems, networking, e-commerce, ethics and security, computer systems hardware, and software components.

Latin

LATN C101 A/UC/CSU 4.00 Units

Elementary Latin I

Advisory: ENGL C070
Repeat Status: Not repeatable

72 hours lecture. This course covers the basic Latin grammar structures necessary for understanding reading, writing, and speaking. Students develop vocabulary building from Latin roots, prefixes, and suffixes, and compare Latin to Romance languages. The course also introduces Roman mythology, daily life, art, history, literature, and philosophy, including comparisons to the modern world. Approved for CSU GE Area C2, Local GE Area 3.

LATN C102 A/UC/CSU 4.00 Units

Elementary Latin II

Prerequisite: LATN C101
Repeat Status: Not repeatable

72 hours lecture. This course continues the introduction to the Latin language presented in Latin I. It continues with additional Latin grammar structures necessary for understanding, reading, writing, and speaking. Students further develop vocabulary building from Latin root words and suffixes and compare Latin to Romance languages. The course also continues with increased exposure to Roman mythology, daily life, art, history, literature, and philosophy, including comparisons to the modern world. Approved for IGETC Area 6, CSU GE Area C2, Local GE Area 3.
Course Deletions

ART C106H Survey of Western Art from Renaissance to Contemporary: Honors
EDUC C170 Tutor Training
CSCI C265 Introductory C++ Programming
CSCI C267 Introduction to JAVA Programming
PARA C140 Civil Litigation and Procedure II
PHED C106 Weight Training II
PHED C107 General Conditioning I
PHED C108 General Conditioning II
PHED C110 Golf II
PHED C114 Tennis II
PHED C116 Volleyball II
PHED C124 Softball II
PHED C129 Cardiovascular Fitness I
PHED C130 Cardiovascular Fitness II
PHED C131 Wellness Walking I
PHED C132 Wellness Walking II
PHED C140 Day Hiking

Program Modifications

Associate in Arts Degree in Kinesiology for Transfer (AA-T)

An Associate in Arts Degree in Kinesiology for Transfer (60 units total, 23-24 units in the major) prepares students for transfer to earn a baccalaureate in Kinesiology or related disciplines. It teaches students the fundamentals of human anatomy, physiology, movement, and the refinement of individual fitness and sports-related skills. Opportunities are provided for students to expand their understanding and expertise in a variety of areas. These skills can be applied to careers in coaching, athletic training, physical therapy, sports psychology, biomechanics and personal training.

To complete the degree, students must fulfill the following requirements:

1. Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
   a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth requirements.
   b. A minimum of 18 semester units in a major, as determined by the Kern Community College District Board of Trustees.

2. Obtainment of a minimum grade point average of 2.0.

3. Completion of all courses for the major with a “C” or better. A “P” (Pass) grade is not an acceptable grade for courses in the major.

Courses

Required Core: Complete All (Total 11)

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<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tr>
<td>KINS C101</td>
<td>Introduction to Kinesiology</td>
<td>3</td>
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<tr>
<td>BIOL C251</td>
<td>Human Anatomy</td>
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<tr>
<td>BIOL C255</td>
<td>Human Physiology</td>
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Fitness Area: Select One (Total 1)

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<tr>
<td>KINS C105</td>
<td>Strength Training</td>
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<tr>
<td>KINS C110</td>
<td>Walk/Run for Fitness</td>
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<tr>
<td>KINS C111</td>
<td>Circuit Training</td>
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<tr>
<td>KINS C120</td>
<td>Cardio Pump</td>
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Individual Activities: Select One (Total 1)

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<td>KINS C109</td>
<td>Golf</td>
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<tr>
<td>KINS C113</td>
<td>Tennis</td>
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<tr>
<td>KINS C121</td>
<td>Badminton</td>
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Team Sport: Select One (Total 1)

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<tr>
<td>KINS C115</td>
<td>Volleyball</td>
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<td>KINS C123</td>
<td>Softball</td>
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<tr>
<td>KINS C117</td>
<td>Fundamentals of Basketball</td>
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Electives: Select two courses 9-10 units (Total 9)

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<tr>
<td>CHEM C111</td>
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<tr>
<td>or CHEM C221</td>
<td>Organic Chemistry I</td>
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<tr>
<td>MATH C121</td>
<td>Elementary Probability and Statistics</td>
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<tr>
<td>or MATH C121H</td>
<td>Elementary Probability and Statistics: Honors</td>
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<tr>
<td>PHYS C111</td>
<td>Mechanics</td>
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Cloud Computing Certificate of Achievement

The Cloud Computing Certificate of Achievement (22 units) is designed to develop skills needed to architect, design, and support organizations’ rapidly expanding need for cloud-based technology solutions. Upon completion of this certificate, students will be able to demonstrate an understanding of cloud environments and cloud support principles and configurations that are commonly used in the industry. Students completing this program are prepared to configure and architect cloud solutions. They are prepared to transition traditional technology architectures to a cloud platform. This program prepares students for careers in the cloud computing area and to enter the workforce as a cloud system administrator, cloud technician, cloud architect, and cloud security officer. Each course for this certificate must be completed with a grade of “C” or better.

Cloud Computing (Total 22)

IT C101 Introduction to Computer Information Systems ...................................................... 3 units
IT C142 Information & Communication Technology Essentials ........................................... 4
IT C143 Computer Network Fundamentals .......... 3
IT C251 Introduction to Programming Concepts and Methodologies .................................... 3
IT C280 Introduction to Cloud Computing .......... 3
IT C282x Cloud Architecture ........................................ 3
IT C248 System and Network Administration ...... 3

Liberal Arts: Mathematics and Science Associate in Arts Degree

Courses removed from the major as published in the original 2022-23 Cerro Coso College Catalog:

- CSCI C265 Introductory C++ Programming ................. 3 Units
- CSCI C267 Introduction to JAVA Programming .......... 3

Courses added to the major:

- MATH C110 College Algebra for non-STEM Majors ...... 4 units

Liberal Arts: Social and Behavioral Sciences Associate in Arts Degree

Courses added to the major as published in the original 2022-23 Cerro Coso College Catalog:

- ADMJ C105 Concepts of Criminal Law ......................... 3 units
- ADMJ C121 Multiculturalism and the American Justice System ........................................ 3
- ETHN C121 Multiculturalism and the American Justice System ........................................ 3
- LIBR C111 Information and Media Literacy ................ 3
- LIBR C111H Information and Media Literacy: Honors ... 4

Liberal Arts: Arts and Humanities Associate in Arts Degree

Courses removed from the major as published in the original 2022-23 Cerro Coso College Catalog:

LIST A

- Art C196H Survey of Western Art from Renaissance to Contemporary: Honors ...... 4 units