

Course Announcements/Descriptions



The courses listed in this section constitute the curriculum offerings at Berkeley City College. Not all courses are offered every semester. Check the class schedule for the current semester's offering. Information for each course includes:

Unit credit: Semester credit for the course. One unit of credit is defined as one hour of lecture, which requires two hours of outside preparation for each hour of lecture or three hours of laboratory work each week.

Lecture/Lab Hours: Designates the number of contact hours of lecture or laboratory a course meets during a term.

Prerequisites: Designed to ensure your academic background is sufficient for success in the course.

Transferability: "UC" means transferability to the University of California system; "CSU" means transferability to the California State University System.

Course Description: A brief statement about the subject matter covered in the course.

Course Numbering: Course numbers do not necessarily correspond to those found in four-year colleges or universities.

All courses numbered 1-249 are acceptable for credit towards the Associate degree. Some four-year institutions will accept a maximum of 70 semester units in transferable courses. However, some colleges and universities will accept only courses that are equivalent to courses taught at those institutions. The student is strongly advised to consult a counselor for transfer requirements to a particular four-year institution.

Courses numbered 1-199 are designated as baccalaureate-level, degree-applicable courses for transfer to institutions within the California State University and the University of California Systems.

Courses numbered 200-249 are degree-applicable, but are not transferable to institutions within the California State University or the University of California Systems.

Courses numbered 250-299 are not degree-applicable, and are not transferable to institutions within the California State University or the University of California Systems.

Courses numbered 300-399 are not degree-applicable, and are not transferable to institutions within the California State University or the University of California Systems.

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Apprenticeship and Cooperative Education courses are numbered 400-499. Apprenticeship courses are not degree-applicable and are not transferable to institutions within the California State University or the

University of California Systems, while Cooperative Education courses are degree-applicable and transferable to institutions within the California State University and the University of California Systems.

Noncredit (zero-unit) courses are numbered 500-699.

Courses numbered 700-799 are special not-for-credit (zero-unit) courses offered under contract education.

Courses numbered 800-899 are fee-based classes that are offered for no (zero) units and for which students pay fees to cover the cost of instruction. These classes are not listed in the Schedule of Classes. Contact individual departments for the latest offerings.

Courses numbered 900-949 are degree-applicable, but are not transferable to institutions within the California State University or the University of California Systems.

Courses numbered 950-999 are not degree-applicable, and are not transferable to institutions within the California State University or the University of California Systems.

Courses selected for transfer follow guidelines of the California State University system and the University of California system. Independent colleges and universities

may accept any course(s) they deem appropriate. Students should consult their counselor in planning their programs.

The following table indicates which courses in each number series are credit/noncredit, which are applicable for Associate degrees at Peralta colleges, and which are transferable to institutions within the California State University and the University of California Systems.

Intersegmental General Education Transfer

Curriculum (IGETC): Identifies community college courses that can be used to fulfill general education requirements at any UC or CSU campus.

California State University (CSU) General Education

Breadth Requirements (CSU GE): Identifies community college courses that can be used to fulfill general education requirements at any CSU campus.

Area(s): Identifies the general education requirement area(s) that the course meets.

Course Numbers	Credit	Degree-Applicable	Transferable
1-199	Yes	Yes	Yes
200-249	Yes	Yes	No
250-299	Yes	No	No
400-499 (Apprenticeship)	Yes	No	No
400-499 (Co-op Ed)	Yes	Yes	Yes
500-699	Non-Credit (Free)	No	No
700-799	Not for Credit (Fee-based)	No	No
800-899	Not for Credit (Fee-based)	No	No
900-949	Yes	Yes	No
950-999	Yes	No	No

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Other important information about courses in this section includes:

Cooperative Work Experience: Program in which students are awarded credit for knowledge gained through on-the-job experience during the semester enrolled.

Independent Study: Designed to permit study not covered by regular catalog offerings; allows you to pursue projects under faculty advisement and supervision .

Selected Topics: New courses being offered on an experimental basis prior to being institutionalized. Selected topics courses are publicized in the college's class schedule and are numbered 48, 248 or 348 in the individual subject areas.

Course Student Learning Outcomes: Student learning outcomes for the following courses are maintained in the CurricUNET curriculum management system and the TaskStream SLO/Assessment management system.

Grading Policy: GR indicates that a course can be taken for a letter grade only; P/NP indicates that a course can be taken for pass/no pass only; and GR or P/ NP indicates that a course can be taken for either a letter grade or for pass/no pass. Noncredit courses also have an SP grade option.



African-American Studies

AFRAM 1, 3 Units

Introduction to African-American Studies

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Overview of the field of African American Studies: History, literature, the arts and material culture, as well as sociological, political, economic, public policy, and philosophical perspectives on the experience of people of African descent in the United States. 2203.00

AA/AS area 2, 5; CSU area D; IGETC area 4

AFRAM 33, 3 Units

The Roots of African-American Culture

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Historical dimensions of the African-American experience: Emphasis on formation of a distinctive African-American culture. 2203.00

AA/AS area 2, 5; CSU area D; IGETC area 4

AFRAM 48UA-ZZ, .5-5 Units

Selected Topics in African-American Studies

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

Acceptable for credit: CSU

See section on Selected Topics. 2203.01

AFRAM 248UA-ZZ, .5-5 Units

Selected Topics in African-American Studies

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 2203.01

American Sign Language

ASL 48UA-ZZ, .5-5 Units

Selected Topics in American Sign Language

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

Acceptable for credit: CSU

See section on Selected Topics. 0850.00

ASL 49, .5-5 Units

Independent Study in American Sign Language

(GR or P/NP). Acceptable for credit: CSU

See section on Independent Study. 0850.00

Please note the following for the language skills courses—

ASL 50, ASL 51, ASL 52, and ASL 53: Two units of credit for Module A will be granted based on students' demonstrated ability to use formal aspects of the language specifically taught throughout the course. Two units of credit for Module B will be granted based on students' demonstrated ability to interact effectively, manage conversations, and function appropriately in the culture of the Deaf.

ASL 50, 4 Units

American Sign Language I

3 hours lecture, 3 hours laboratory (GR or P/NP). Course may be offered in two, 2-unit modules (ASL 50A-50B). Students must complete both modules with a grade of C or better to advance to the next level. Course is equivalent to two years of high school study. Acceptable for credit: UC/CSU

Introduction to American Sign Language: Fundamentals of ASL conversation and storytelling; basic information about the Deaf community and Deaf culture. 0850.00

AA/AS area 3; CSU area C2;

IGETC area Language

ASL 50A, 2 Units

American Sign Language I (Module A)

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). ASL 50A plus ASL 50B is equivalent to two years of high school study. Acceptable for credit: UC/CSU

Introduction to American Sign Language: Fundamentals of ASL conversation and storytelling; basic information about the Deaf community and Deaf culture. 0850.00

Must complete both ASL 50A and 50B to receive credit for the following GE areas:

AA/AS area 3; CSU area C2;

IGETC area Language

Course Announcements

ASL 50B, 2 Units

American Sign Language I (Module B)

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Prerequisite: ASL 50A. ASL 50A plus ASL 50B is equivalent to two years of high school study. *Acceptable for credit:* UC/CSU

Introduction to American Sign Language: Fundamentals of ASL conversation and storytelling; basic information about the Deaf community and Deaf Culture. 0850.00

Must complete both ASL 50A and 50B to receive credit for the following GE areas:
AA/AS area 3; CSU area C2;
IGETC area Language

ASL 51, 4 Units

American Sign Language II

3 hours lecture, 3 hours laboratory (GR or P/NP). *Prerequisite:* ASL 50 or 50B. Course may be offered in two, 2-unit modules (ASL 51A-51B). Students must complete both modules with a grade of C or better to advance to the next level. *Acceptable for credit:* UC/CSU

Continuation of American Sign Language: Fundamentals of ASL conversation and storytelling; basic information about the Deaf community and Deaf Culture. 0850.00

AA/AS area 3; CSU area C2;
IGETC area Language

ASL 51A , 2 Units

American Sign Language II (Module A)

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Prerequisite: ASL 50 or 50B. *Acceptable for credit:* UC/CSU

Continuation of American Sign Language: Fundamentals of ASL conversation and storytelling; basic information about the Deaf community and Deaf Culture. 0850.00

Must complete both ASL 51A and 51B to receive credit for the following GE areas:
AA/AS area 3; CSU area C2;
IGETC area Language

ASL 51B , 2 Units

American Sign Language II (Module B)

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Prerequisite: ASL 51A. *Acceptable for credit:* UC/CSU

Continuation of American Sign Language: Fundamentals of ASL conversation and storytelling; basic information about the Deaf community and Deaf Culture. 0850.00

Must complete both ASL 51A and 51B to receive credit for the following GE areas:
AA/AS area 3; CSU area C2;
IGETC area Language

ASL 52, 4 Units

American Sign Language III

3 hours lecture, 3 hours laboratory (GR or P/NP).

Prerequisite: ASL 51 or 51B. Course may be offered in two, 2-unit modules (ASL 52A-52B). Students must complete both modules with a grade of C or better to advance to the next level. *Acceptable for credit:* UC/CSU

Continuation of American Sign Language: Expanded study of Sign Language with emphasis on conversation skills and storytelling; continued expansion of knowledge of Deaf culture and Deaf community. 0850.00

AA/AS area 3; CSU area C2;
IGETC area Language

ASL 52A, 2 Units

American Sign Language III (Module A)

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Prerequisite: ASL 51 or 51B. *Acceptable for credit:* UC/CSU

Continuation of American Sign Language: Expanded study of Sign Language with emphasis on conversation skills and storytelling; continued expansion of knowledge of Deaf culture and Deaf community. 0850.00

Must complete both ASL 52A and 52B to receive credit for the following GE areas:
AA/AS area 3; CSU area C2;
IGETC area Language

Course Announcements

ASL 52B, 2 Units

American Sign Language III (Module B)

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Prerequisite: ASL 52A. Acceptable for credit: UC/CSU

Continuation of American Sign Language: Expanded study of Sign Language with emphasis on conversation skills and storytelling; continued expansion of knowledge of Deaf culture and Deaf community. 0850.00

*Must complete both ASL 52A and 52B to receive credit for the following GE areas:
AA/AS area 3; CSU area C2;
IGETC area Language*

ASL 53, 4 Units

American Sign Language IV

3 hours lecture, 3 hours laboratory (GR or P/NP).

Prerequisite: ASL 52 or 52B. Course may be offered in two 2-unit modules (ASL 53A-53B). Students must complete both modules with a grade of C or better to advance to the next level. Acceptable for credit: UC/CSU

Continuation of American Sign Language: Expanded study of Sign Language with emphasis on conversation skills and storytelling; continued expansion of knowledge of Deaf culture and Deaf community. 0850.00

*AA/AS area 3; CSU area C2;
IGETC area Language*

ASL 53A, 2 Units

American Sign Language IV (Module A)

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Prerequisite: ASL 52 or 52B. Acceptable for credit: UC/CSU

Continuation of American Sign Language: Expanded study of sign language with emphasis on conversation skills and storytelling; continued expansion of knowledge of Deaf culture and Deaf community. 0850.00

*Must complete both ASL 53A and 53B to receive credit for the following GE areas:
AA/AS area 3; CSU area C2;
IGETC area Language*

ASL 53B, 2 Units

American Sign Language IV (Module B)

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Prerequisite: ASL 53A. Acceptable for credit: UC/CSU

Continuation of American Sign Language: Expanded study of Sign Language with emphasis on conversation skills and storytelling; continued expansion of knowledge of Deaf culture and Deaf community. 0850.00

*Must complete both ASL 53A and 53B to receive credit for the following GE areas:
AA/AS area 3; CSU area C2;
IGETC area Language*

ASL 55A, 3 Units

History and Culture of Deaf People in America I

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Historical and cultural overview of the American Deaf community and its language (ASL): Anthropological and sociological theories including discussion of the relationship of language and culturally-determined behaviors; examination of the relationship of American Sign Language to the history of the American Deaf community. 0850.00

*AA/AS area 2; CSU area D;
IGETC area 4*

ASL 55B, 3 Units

History and Culture of Deaf People in America II

3 hours lecture (GR or P/NP). Prerequisites: ASL 51 or 51B.

Recommended Preparation: ASL 55A. Acceptable for credit: UC/CSU.

Continuation of ASL 55A: History, values, and identity as a cultural group as opposed to disabled; analysis of effects of pathological views and actions on Deaf people; educational issues; ASL literature and written literature by Deaf people. Course is taught in American Sign Language. 0850.00

Course Announcements

ASL 57, 3 Units

Structure of American Sign Language

3 hours lecture (GR or P/NP). Prerequisites: ASL 51 or 51B. Course is taught in American Sign Language. Acceptable for credit: UC/CSU.

Historical view of changing social attitudes towards American Sign Language: Phonological, morphological, syntactical parts of ASL; and discussion of other social issues around use of ASL. 0850.00

ASL 200A, 2 Units

Classifiers I

2 hours lecture (GR or P/NP). Prerequisite: ASL 50 or 50B.

Introduction to the basic aspects of American Sign Language classifiers. 0850.00

ASL 200B, 2 Units

Classifiers II

2 hours lecture (GR or P/NP). Prerequisites: ASL 51 or 51B.

Study of classifier types and functions in American Sign Language: Identification of various classifiers and their use to enhance and expand storytelling abilities. 0850.00

ASL 202A, 1 Unit

Fingerspelling and Numbers I

.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Prerequisite: ASL 50 or 50B.

Introduction to numerical and fingerspelling systems in American Sign Language. 0850.00

ASL 202B, 1 Unit

Fingerspelling and Numbers II

.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Prerequisite: ASL 51 or 51B.

Advanced systematic practice in numerical and fingerspelling skills in ASL. 0850.00

ASL 248UA-ZZ, .5-5 Units

Selected Topics in American Sign Language

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 0850.00

ASL 464, 1-2 Units

Occupational Work Experience in American Sign Language

Hours to be arranged (P/NP). Prerequisite: ASL 52 or 52B. Acceptable for credit: CSU

Supervised field experience in American Sign Language: Extension of classroom-based learning at an on-the-job or community location to facilitate development of ASL skills and to provide exposure to Deaf culture. 0850.00

Anthropology

ANTHR 1, 3 Units

Introduction to Physical Anthropology

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Study of human beings and their ancestors: Emphasis on relationships to other mammals, physical record of evolution, and processes responsible for evolution. 2202.00

AA/AS area 1; CSU area B2, B3; IGETC area 5B; (C-ID ANTH 110)

ANTHR 1L, 1 Unit

Physical Anthropology Lab

4 hours laboratory (GR or P/NP). Prerequisite or corequisite: ANTHR 1. Acceptable for credit: UC/CSU

Adjunct laboratory to ANTHR 1: Emphasis on working with replicas of bones and visits to museums and zoos to study primate behavior and hominid evolution. 2202.00

CSU area B3 (with ANTHR 1 satisfies lab requirement); IGETC area 5C (with ANTHR 1 satisfies lab requirement); (C-ID ANTH 115L)

Course Announcements

ANTHR 2, 3 Units

Introduction to Archaeology and Prehistory

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

World prehistory as reconstructed from the archaeological and physical evidence of cultural beginnings through the early agricultural civilizations of Africa, America, and Euro-Asia: Archaeological methods, techniques, and problems.

2202.20

*AA/AS area 2; CSU area D;
IGETC area 4; (C-ID ANTH 150)*

ANTHR 3, 3 Units

Introduction to Social and Cultural Anthropology

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Cross-cultural analysis of social and cultural factors of human behavior in the recent past and present. 2202.00

*AA/AS area 2; CSU area D;
IGETC area 4; (C-ID ANTH 120)*

ANTHR 13, 3 Units

Urban Anthropology

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Study of communities in urban settings and a cross-cultural approach to urban life styles: Rise and fall of great urban centers in Asia, Africa, Europe, and the Americas.

2202.00

*AA/AS area 2; CSU area D;
IGETC area 4*

ANTHR 18, 3 Units

Introduction to Anthropological Linguistics

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Introduction to the study of language: How linguists describe human languages and exploration of how they developed, change, and function in human societies.

2202.00

*AA/AS area 2; CSU Area D;
IGETC area 4; (C-ID ANTH 130)*

ANTHR 48UA-ZZ, 0.5-5 Units

Selected Topics in Anthropology

0-5 hours lecture, 0-15 hours laboratory (GR or P/INP).

Acceptable for credit: CSU

See section on Selected Topics.

2202.00

ANTHR 49, 0.5-5 Units

Independent Study in Anthropology

1.5 to 15 hours laboratory (GR or P/INP). Acceptable for credit: CSU

See section on Independent study.

2202.00

ANTHR 55, 3 Units

Native American Cultures

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Survey of ways of life of North American Indian cultures in different geographical areas of North America prior to European contact.

2202.20

*AA/AS Area 2, 5; CSU area D;
IGETC area 4*

ANTHR 248UA-ZZ, .5-5 Units

Selected Topics in Anthropology

0-5 hours lecture, 0-15 hours laboratory (GR or P/INP).

See section on Selected Topics.

2202.00

Arabic

ARAB 1A, 5 Units

Elementary Modern Standard Arabic

5 hours lecture (GR or P/INP). This course is equivalent to two years of high school study. Acceptable for credit: UC/CSU.

Study and practice in understanding, speaking, reading and writing Modern Standard Arabic: Emphasis on understanding basic grammatical concepts and vocabulary building; basic readings in Arabic and multinational Arab life and culture.

1112.00

*AA/AS area 3; CSU area C2;
IGETC area Language*

Course Announcements

ARAB 1B, 5 Units

Elementary Modern Standard Arabic

5 hours lecture (GR or P/NP). Prerequisite: ARAB 1A.
Acceptable for credit: UC/CSU

Continuation of ARAB 1A: Study and practice in understanding, speaking, reading and writing Modern Standard Arabic with continuing emphasis on understanding basic grammatical concepts and vocabulary building; basic readings in Arabic and multinational Arab life and culture. 1112.00

AA/AS area 3; CSU area C2;
IGETC area 3; IGETC area Language

ARAB 48UA-ZZ, .5-5 Units

Selected Topics in Arabic

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).
Acceptable for credit: CSU

See section on Selected Topics. 1112.00

Art

ART 1, 3 Units

Introduction to Art History

3 hours lecture (GR or P/NP). Recommended Preparation:
ENGL 1A. Acceptable for credit: UC/CSU

Introduction to art purposes, principles and forms: Basic understanding of stylistic development and methods of analysis with emphasis on twentieth century art. 1001.00

AA/AS area 3; CSU area C1;
IGETC area 3A; (C-ID ARTH 100)

ART 2, 3 Units

History of Western Art: Prehistory through the Middle Ages

3 hours lecture (GR or P/NP). Recommended Preparation:
ENGL 1A. Acceptable for credit: UC/CSU

Major visual art forms of early civilizations: Painting, sculpture, and architecture from prehistory through the medieval period. 1001.00

AA/AS area 2; CSU area C1;
IGETC area 3A; (C-ID ARTH 110)

ART 3, 3 Units

History of Western Art: Renaissance to Contemporary Art

3 hours lecture (GR or P/NP). Recommended Preparation:
ENGL 1A. Acceptable for credit: UC/CSU

Major visual art forms of Western cultures from the Renaissance period to Contemporary period: Survey of the foremost artists and their works. 1001.00

AA/AS area 2; CSU area C1;
IGETC area 3A (C-ID ARTH 120)

ART 4, 3 Units

History of Modern Art (1800 to Present)

3 hours lecture (GR or P/NP). Recommended Preparation:
ENGL 1A. Acceptable for credit: UC/CSU

Major visual art forms and movements of the 19th and 20th centuries: Concentration on the foremost painters, sculptors, and architects of the modern period and their works. 1001.00

AA/AS area 3; CSU area C1;
IGETC area 3A; (C-ID ARTH 150)

ART 13, 3 Units

History of Women in Art

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Study of the works of selected women painters and sculptors. 1001.00

AA/AS area 3; CSU area C1;
IGETC area 3A

ART 16, 3 Units

Introduction to Islamic Art

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Major visual art forms and movements of Islamic art: Concentration on architecture, painting, and objects from the Middle East, North Africa, Asia, and the Indian subcontinent; the relationship among art, politics, everyday life, and gender identities and relations; European and American opinions of Islamic arts and culture. 1001.00

AA/AS area 3; CSU area C1;
IGETC area 3A

Course Announcements

ART 18, 3 Units

Critique and the Creative Process

3 hours lecture (GR or P/NP). Recommended preparation: ART 1, 4, 13, 14, 20, 25, 30, 41, 50, 60 or 95A. Students should have a working familiarity with their chosen medium as well as access to facilities to continue this work. Acceptable for credit: UC/CSU

Introduction to critique in support of the creative process: Development of a personal style, theme, and cohesive body of art work within a supportive community; development of an artist's packet for professional review; methods and theories for monitoring and stimulating the creative process; analysis and evaluation of art work from a variety of perspectives.

1001.00

CSU area C1

ART 20, 3 Units

Beginning Drawing and Composition

2 hours lecture, 4 hours laboratory (GR or P/NP). Acceptable for credit: UC/CSU

Freehand drawing with various media: Drawing techniques and fundamentals of composition applied to subject matter including an introduction to perspective.

1002.10

(C-ID ARTS 110)

ART 22, 3 Units

Intermediate Drawing & Composition

2 hours lecture, 4 hours laboratory (GR or P/NP). Acceptable for credit: UC/CSU

Exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies: Foundations of drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to drawing.

1002.10

(C-ID ARTS 205)

ART 24, 2 Units

Special Projects: Drawing

1 hour lecture, 3 hours laboratory (GR). Acceptable for credit: UC/CSU.

Independent exploration and experimentation in special areas of drawing.

1002.10

ART 25, 2 Units

Beginning Figure Drawing and Composition

1 hour lecture, 3 hours laboratory (GR or P/NP). Acceptable for credit: UC/CSU

Understanding the figure from quick sketches to long careful studies of the live model: Fundamentals of anatomy, proportion, drawing techniques, and composition.

1002.10

ART 26, 2 Units

Continuing Figure Drawing and Composition

1 hour lecture, 3 hours laboratory (GR or P/NP). Acceptable for credit: UC/CSU

Continuing drawing from the live model: Introduction to more advanced problems.

1002.10

ART 29, 2 Units

Special Projects: Figure Drawing

1 hour lecture, 3 hours laboratory (GR). Acceptable for credit: UC/CSU

Continued study and development of special projects in figure drawing from the live model.

1002.10

ART 30, 2 Units

Beginning Figure Drawing: Anatomy

1 hour lecture, 3 hours laboratory (GR). Acceptable for credit: UC/CSU

Study and drawing of the human form using live models: Emphasis on basic problems of line, gesture, volume, and anatomy.

1002.10

Course Announcements

ART 31, 2 Units

Continuing Figure Drawing: Anatomy

1 hour lecture, 3 hours laboratory (GR). Acceptable for credit: UC/CSU

Continuation of ART 30 using live models: Emphasis on problems of proportion and perspective, stressing anatomy. 1002.10

ART 46, 3 Units

2-D Visual Design

2 hours lecture, 4 hours laboratory (GR or P/NP). Acceptable for credit: UC/CSU

Fundamental elements of design: Dot, line, plane, volume, space, color, texture and light; laboratory experience in visual composition and layout emphasizing two dimensional designs. 1002.10

CSU area CI; (C-ID ARTS 100)

ART 47, 3 Units

3-D Visual Design

2 hours lecture, 4 hours laboratory (GR or P/NP). Acceptable for credit: UC/CSU

Introduction to the concepts, applications, and historical references related to three-dimensional design and spatial composition: Elements and organizing principles of design as they apply to three-dimensional space and form. Development of visual vocabulary for creative expression through lecture presentations and use of appropriate materials for non-representational three-dimensional studio projects. 1002.10

(C-ID ARTS 101)

ART 48UA-ZZ, .5-5 Units

Selected Topics in Art

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics. 1002.00

ART 49, .5-5 Units

Independent Study in Art

0-5 hours lecture, 0-15 hours lab (GR or P/NP). Acceptable for credit: CSU

See section on Independent Study. 1002.00

ART 50, 3 Units

Beginning Painting

2 hours lecture, 4 hours laboratory (GR or P/NP). Recommended Preparation: ART 20. Acceptable for credit: UC/CSU

Emphasis on the basic techniques of oil or acrylic painting: Preparation and use of canvas and supports, color mixing, composition in a variety of styles, development of imaginative and objective images. 1002.10

(C-ID ARTS 210)

ART 52, 3 Units

Intermediate Painting

2 hours lecture, 4 hours laboratory (GR or P/NP). Acceptable for credit: CSU

Intermediate-level development of skills, composition and techniques, application of color theory, concepts, style, and creative expression in acrylic, oil, and mixed media; development of personal approach to content and materials in relation to historical and contemporary approaches to painting. 1002.10

ART 54, 2 Units

Special Projects: Painting

1 hour lecture, 3 hours laboratory (GR or P/NP). Acceptable for credit: UC/CSU

Continued study and skill development with oil and acrylics: May include production of murals and other large-scale paintings as well as individual projects. 1002.10

ART 119, 3 Units

Figure Painting in Context

2 hours lecture, 4 hours laboratory (GR or P/NP). Acceptable for credit: CSU

Painting the human form using live models: Inventing a narrative using the figure; exploration of basic painting techniques used to create gesture, volume, and color with an emphasis on context, narrative and personal style; acrylic, gouache, and watercolor. 1002.10

Course Announcements

ART 133A, 3 Units

Mural Design and Creation I

2 hours lecture, 4 hours laboratory (GR or P/NP). Acceptable for credit: UC/CSU

Introduction to the techniques of mural painting; Application of ancient and contemporary mural themes; technical approaches in a collectively designed project in the school and community. 1002.10

ART 133B, 4 Units

Mural Design and Creation II

2 hours lecture, 6 hours laboratory (GR or P/NP). Acceptable for credit: UC/CSU

Further development and training in the techniques of mural painting; Application of ancient and contemporary mural themes; technical approaches in a collectively designed project located within the school or in the greater community; methods of promotion and documentation. 1002.10

ART 175, 1 Unit

Studio Art Laboratory

3 hours laboratory (GR or P/NP). Acceptable for credit: CSU

Independent exploration, consultation and refinement of drawing, painting, and sculpting skills beyond normal classroom assignments. 1002.00

ART 175A, 1 Unit

Studio Art Laboratory

3 hours laboratory (GR or P/NP). Prerequisite: ART 175. Corequisite: ART 18, 20, 22, 24, 25, 26, 29, 30, 31, 47, 50, 52, 54, 119, 133A, 133B, or 181. Acceptable for credit: CSU

Independent exploration, consultation and refinement of drawing, painting, and sculpture skills beyond normal classroom assignments: project development and realization. 1002.00

ART 175B, 1 Unit

Studio Art Laboratory

3 hours laboratory (GR or P/NP). Prerequisite: ART 175A. Corequisite: ART 18, 20, 22, 24, 25, 26, 29, 30, 31, 47, 50, 52, 54, 119, 133A, 133B, or 181. Acceptable for credit: CSU

Independent exploration, consultation and refinement of drawing, painting, and sculpture skills beyond normal classroom assignments: project development and realization; portfolio preparation. 1002.00

ART 181, 3 Units

Artist as Citizen: Community-Based Art Practices

2 hours lecture, 4 hours laboratory (GR or P/NP). Acceptable for credit: CSU

Contemporary art practices required for public art: Creative collaboration with other artists and local organizations; conceptual and technical approaches of a community-based art project. 1001.00

AA/AS areas 2 and 3

ART 182, 3 Units

Introduction To Visual Culture

3 hours lecture (GR or P/NP). Also offered as HUMAN 182. Not open for credit to students who have completed or are currently enrolled in HUMAN 182. Acceptable for credit: UC/CSU.

Introduction to the function of visual languages from “high” art to TV, movies, and popular culture: Key concepts such as power, identity, ideology, gender, race, class, globalism, desire, consumerism and their impact on the production and understanding of the visual; role of the viewer in the ongoing and co-creative establishment of meaning. 1001.00

AA/AS areas 2 and 3;

CSU area C1, C2; IGETC area 3A, 3B

ART 248UA-ZZ, .5-5 Units

Selected Topics in Art

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 1002.00

Asian and Asian-American Studies

ASAME 30, 3 Units

Asians and Asian-Americans through Films

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Culture and societies of Asia and the Asian Diaspora, with particular emphasis on Asian-American documentary and dramatic films; Examination of films as a medium of communication and representation of Asian and Asian-American cultures, exploring common cultural elements and symbols; themes and motifs in films by and about Asian Americans, Central Asians, East Asians, and South and Southeast Asians. 2203.00

AA/AS area 3, 5; CSU area C2;
IGETC area 3B

ASAME 48UA-ZZ, .5-5 Units

Selected Topics in Asian and Asian-American Studies

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

Acceptable for credit: CSU

See section on Selected Topics. 2203.02

ASAME 248UA-ZZ, .5-5 Units

Selected Topics in Asian and Asian-American Studies

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 2203.02

Astronomy

ASTR 10, 3 Units

Descriptive Astronomy

3 hours lecture (GR or P/NP). Recommended preparation: MATH 201 or 210D. Not open for credit to students who have completed or are currently enrolled in ASTR 1. Acceptable for credit: UC/CSU

Survey of astronomy at a descriptive level: Development of modern astronomy, light, astronomical instruments, the sun, formation and evolution of the solar system, the

terrestrial planets, the Jovian planets, asteroids, comets, planets around other stars, and a brief survey of stars.

1911.00

AA/AS area 1; CSU area B1;

IGETC area 5A

ASTR 48UA-ZZ, .5-5 Units

Selected Topics in Astronomy

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

Acceptable for credit: CSU

See section on Selected Topics. 1911.00

ASTR 248UA-ZZ, .5-5 Units

Selected Topics in Astronomy

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 1911.00

Biology

BIOL 1A, 5 Units

General Biology

3 hours lecture, 6 hours laboratory (GR). Prerequisite: CHEM 1A. Acceptable for credit: UC/CSU

Introduction to general biology: Cell structure and function, metabolism, molecular and organismal genetics, and animal physiology. 0401.00

AA/AS area 1; CSU area B2, B3;

IGETC area 5B, 5C;

(C-ID BIOL 190; BIOL 1A+1B)

(CID BIOL 130S, BIOL 135S)

BIOL 1B, 5 Units

General Biology

3 hours lecture, 6 hours laboratory (GR). Prerequisite: BIOL 1A. Acceptable for credit: UC/CSU

Continuation of BIOL 1A: Origin of life, evolution, classification, plant structure and function, and ecology. 0401.00

AA/AS area 1; CSU area B2, B3;

IGETC area 5B, 5C;

(BIOL 1A+1B C-ID BIOL 130S, BIOL 135S)

Course Announcements

BIOL 3, 5 Units Microbiology

4 hours lecture, 3 hours laboratory (GR). Prerequisite: CHEM 1A or 30A. Recommended preparation: BIOL 10. Acceptable for credit: UC/CSU

Survey of the various microscopic agents of particular importance to humans: Emphasis on microbes involved in infectious diseases, host defenses against diseases, elements of infectious chains and means utilized for breaking the chains. 0403.00

*AA/AS area 1; CSU area B2, B3;
IGETC area 5B, 5C*

BIOL 10, 4 Units Introduction to Biology

3 hours lecture, 3 hours laboratory (GR or P/NP). Not open for credit to students who have completed or are currently enrolled in BIOL 1A or 1B or 25. Students with previous credit in BIOL 11 receive only 1 unit of credit for BIOL 10. Acceptable for credit: UC/CSU

Fundamentals of biology for the non-major: Scientific inquiry, biological chemistry, cell structure and function, DNA and genetics, evolution and ecology, and an overview of living organisms. Includes laboratory exercises designed to complement lectures. 0401.00

*AA/AS area 1; CSU area B2, B3;
IGETC area 5B, 5C*

BIOL 13, 3 Units Principles of Ecology

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Study of the interactions of humans with the living world around them: The nature of the biological world and how it works; and the problems of overpopulation, pollution, and environmental deterioration. 0408.00

*AA/AS area 1; CSU area B2;
IGETC area 5B*

BIOL 13L, 1 Unit Principles of Ecology and Sustainable Systems Lab

3 hours laboratory (GR or P/NP). Prerequisite or corequisite: BIOL 13 or ENVMT 2 or (ENVST 11). Not open for credit to students who have completed ENVMT 2L (or ENVMT

11L) or are currently enrolled in ENVMT 2L at Merritt College. Acceptable for credit: UC/CSU

Field laboratory course which identifies, measures, and tests the sustainable environmental principles discussed in ENVMT 2 or BIOL 13: Qualitative and macro/micro quantitative methods, identifying and sustaining ecosystems, nutrient cycling, geographical and aquatic ecology, population dynamics, water and energy systems, air pollution and hazardous waste, and farming methods and use of pesticides. 0408.00

*CSU area B3 (with BIOL 13
satisfies lab requirement);
IGETC area 5C (with BIOL 13
satisfies lab requirement)*

BIOL 25, 3 Units Human Biology

3 hours lecture (GR). Not open for credit to students who have completed BIOL 1A or 1B or 10. Acceptable for credit: UC/CSU

Principles of life sciences through study of biological structures and functions of the human organism: Human genetics, evolution, ecology, sexual differences and comparisons, development and growth, and survey of body systems. 0401.00

*AA/AS area 1; CSU area B2;
IGETC area 5B*

BIOL 32, 2 Units Scientific Literature

2 hours lecture (GR). Recommended preparation: ENGL 201A or 201B. Acceptable for credit: CSU

Comprehension and analytical assessment of technical and scientific writing: Evaluation of logic, experimental design, data, and conclusions in selected papers; purpose, value, and use of written protocols in science laboratories. 0430.00

Course Announcements

BIOL 33, 6 Units

Applied Immunology

4 hours lecture, 6 hours laboratory (GR). Prerequisite: BIOL 3 and CHEM 30B. Acceptable for credit: UC/CSU

Specific and non-specific reactions in immunity: Basis of cell-mediated and humoral immunity, role of the immune system in health and disease, methods and applications of immunochemistry to medicine and biotechnology.

0430.00

AA/AS area 1; CSU area B2, B3

BIOL 34, 6 Units

Applied Molecular Genetics

4 hours lecture, 6 hours laboratory (GR). Prerequisite: BIOL 3 and CHEM 30B. Acceptable for credit: UC/CSU

Principles of molecular genetics and evolution: Structure and replication of genetic material, gene structure, transfer and expression of genetic information, recombinant DNA methodology, research and industrial applications of biotechnology.

0430.00

AA/AS area 1; CSU area B2, B3

BIOL 48UA-ZZ, .5-5 Units

Selected Topics in Biological Sciences

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics. 0401.00

BIOL 49, .5-5 Units

Independent Study in Biological Sciences

(GR or P/NP). Acceptable for credit: CSU

See section on Independent Study. 0401.00

BIOL 50A, 3 Units

Introduction to Biotechnology: Techniques and Methods

3 hours lecture, 4 hours laboratory (GR). Prerequisites: MATH 201. Recommended Preparation: BIOL 1A, 3, and 10. Not open to students who have completed BIOL 230 and 230A. Acceptable for credit: CSU

Introduction to the laboratory and basic molecular

biology techniques, use of common equipment, laboratory mathematics, media and buffer preparation, aseptic and basic microbiological techniques, chemical safety and hazardous waste disposal, good laboratory practices.

0430.00

AA/AS Area 1

BIOL 50B, 3 Units

Protein Chemistry and Fermentation

3 hours lecture, 4 hours laboratory (GR). Prerequisites: BIOL 50A and CHEM 30A. Recommended Preparation: BIOL 1A, 3, and 10, and CHEM 1A and 30A. Not open to students who have completed BIOL 230 and 230B. Acceptable for credit: CSU

Introduction to protein chemistry: Purification technologies, protein assays, SDS-PAGE, immunoblotting, enzyme kinetics, crystallization techniques, fermentation, and good manufacturing practices.

0430.00

AA/AS Area 1

BIOL 50C, 3 Units

Advanced Scientific Methods

1.5 hours lecture, 4.5 hours laboratory (GR). Prerequisites: BIOL 50A and BIOL 50B. Recommended Preparation: BIOL 33, and 34. Not open for credit to students who have completed or are currently enrolled in BIOL 230 and 230C. Acceptable for credit: CSU.

Advanced experimental techniques and research methods: Embryonic and induced pluripotent stem cells, use of FACS, microarrays, quantitative PCR, advanced DNA sequencing methods and bioinformatics.

0430.00

AA/AS Area 1

BIOL 248UA-ZZ, .5-5 Units

Selected Topics in Biological Sciences

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 0401.00

Business

BUS 1A, 4 Units **Financial Accounting**

4 hours lecture (GR). Acceptable for credit: UC/CSU

Study of purposes, theory, and specific methods of accounting; Systems and methods employed in accumulating data for financial statements; income measurement including cost measurement, classification, and expiration; revenue recognition and measurement.

0502.00

(C-ID ACCT 110)

BUS 1B, 4 Units **Managerial Accounting**

4 hours lecture (GR). Prerequisite: BUS 1A. Acceptable for credit: UC/CSU

Uses of accounting data for planning, controlling, and decision making; Sources of business funds, cost systems and analysis, forecasting and budgeting; analysis, uses, and limitations of financial statements and reports.

0502.00

(C-ID ACCT 120)

BUS 2, 3 Units **Introduction to Business Law**

3 hours lecture (GR). Acceptable for credit: UC/CSU

General survey of business law: Principles of law on contracts, sales agency, torts, partnerships and corporations, and the uniform commercial code.

0501.00
(C-ID BUS 125)

BUS 5, 3 Units **Human Relations in Business**

3 hours lecture (GR). Acceptable for credit: CSU

Application of behavioral science concepts to human problems in organizations: Action necessary to prevent and resolve problems among individuals within groups; application of logical decision-making techniques.

0501.00

AA/AS area 2

BUS 10, 3 Units **Introduction to Business**

3 hours lecture (GR). Acceptable for credit: UC/CSU

Introduction to business: Survey of various phases of business organization, finance, personnel, production, marketing, managerial controls, and government-business relations.

0501.00

(C-ID BUS 110)

BUS 19, 3 Units **Business Communications**

3 hours lecture (GR or P/NP). Prerequisite: ENGL 1A. Acceptable for credit: CSU

Principles of ethical and effective communication for a variety of business situations: Planning, organizing, composing, and revising business documents, including letters, memos, emails, and written reports; creating and delivering professional-level oral reports.

0501.00

AA/AS area 4d; (C-ID BUS 115)

BUS 20, 3 Units **General Accounting**

3 hours lecture (GR). Not open for credit to students who have completed or are currently enrolled in BUS 1A or 1B. Acceptable for credit: CSU

Theory and practice of accounting: Double-entry process on accrual basis; complete accounting cycle with use of work sheet and preparation of end-of-the year financial statements; petty cash, banking procedures, notes, drafts, and introduction to payroll taxes.

0502.00

BUS 24, 3 Units **Computerized Accounting Principles**

2 hours lecture, 3 hours laboratory (GR). Prerequisite: BUS 1A or 20. Acceptable for credit: CSU

Intensive practical application of theory and procedures of accounting; Utilization of computerized accounting systems in single proprietorship, partnership, and corporate forms of business.

0502.00

AA/AS area 4c

Course Announcements

BUS 48UA-ZZ, .5-5 Units

Selected Topics in Business

*0-5 hours lecture, 0-15 hours laboratory (GR or P/INP).
Acceptable for credit: CSU*

See section on Selected Topics. 0501.00

BUS 49, .5-5 Units

Independent Study in Business

(GR or P/INP). Acceptable for credit: CSU

See section on Independent Study. 0501.00

BUS 54, 3 Units

Small Business Management

3 hours lecture (GR or P/INP). Acceptable for credit: CSU

Functions and objectives of an executive: Definition of duties, and basic knowledge of administration and organization; practice through case studies in making business decisions. 0506.40

BUS 56, 3 Units

Human Resources Management

3 hours lecture (GR or P/INP). Acceptable for credit: CSU

Introduction to human resources management: Impact and accountability to the organization in human resource activities, global human resources strategies, social and organizational realities, legal implications affecting people at work, union/non-union practices, comparable work, employee compensation and benefits, and employee rights. 0506.00

BUS 70, 3 Units

Introduction to Marketing

3 hours lecture (GR or P/INP). Acceptable for credit: CSU

Introduction to integrated marketing strategies: Identification and satisfaction of customers' wants and needs with products (goods and/or services), price, place, and promotional strategies; customer relationship management; integration of marketing into strategic business plans. 0509.00

BUS 77, 3 Units

Integrated Marketing Communications

3 hours lecture (GR or P/INP). Acceptable for credit: CSU

Integrated marketing communications (IMC): Basic principles, structure, and function; purpose and function in relation to the marketing tactical mix; practical development, integration, and application of advertising, sales promotion, public relations, personal selling, and direct marketing skills; production of IMC plan.0501.00

AA/AS area 2

BUS 102, 1 Unit

Social Networking Tools for Job Searches

1 hours lecture (GR or P/INP). Acceptable for credit: CSU

Social networking for job searches: Social media platforms, blogs, and other resources as appropriate; interpersonal networking skills. 0501.00

AA/AS area 4C

BUS 210, 3 Units

Financial Management and Investments

3 hours lecture (GR or P/INP).

Survey course which examines sound money management skills and financial plans: Tax-sheltered annuities, real estate, stocks, bonds, trust deeds, new tax laws, borrowing of money, financial adjustments to inflation, and other economic indicators. 0504.00

BUS 228, 1.5 Units

Small Business Development for New and Prospective Entrepreneurs

1.5 hours lecture (GR or P/INP).

Overview of the factors involved in starting a business: Business plan development; marketing, sales and promotional strategies; financial management; plan review and evaluation. 0506.40

BUS 248UA-ZZ, .5-5 Units

Selected Topics in Business

0-5 hours lecture, 0-15 hours laboratory (GR or P/INP).

See section on Selected Topics. 0501.00

Chemistry

CHEM 1A, 5 Units **General Chemistry**

3 hours lecture, 3 hours lecture-demonstration, 3 hours laboratory (GR). Prerequisite: Satisfactory score on the chemistry assessment or CHEM 30A or 50, and satisfactory score on the math assessment or MATH 203 or 211A-D. Acceptable for credit: UC/CSU

General principles of chemistry: Measurements, atomic theory, chemical nomenclature, chemical composition, stoichiometry, reactions in aqueous solution, thermochemistry, electron configurations, periodic properties, chemical bonding, gases, liquids, solids, and solutions. 1905.00

AA/AS area 1;
CSU area B1, B3;
IGETC area 5A, 5C;
(C-ID CHEM 110; CHEM 1A+1B C-ID CHEM 120S)

CHEM 1B, 5 Units **General Chemistry**

3 hours lecture, 3 hours lecture-demonstration, 3 hours laboratory (GR). Prerequisite: CHEM 1A. Acceptable for credit: UC/CSU

General principles of chemistry: Kinetics, equilibrium, acid-base equilibria, buffers, solubility equilibria, entropy and free energy, electro-chemistry, nuclear chemistry, coordination chemistry, and an introduction to organic chemistry. 1905.00

AA/AS area 1; CSU area B1, B3;
IGETC area 5A, 5C;
(CHEM 1A +1B, C-ID CHEM 120S)

CHEM 12A, 5 Units **Organic Chemistry**

3 hours lecture, 6 hours laboratory (GR). Prerequisite: CHEM 1B. Acceptable for credit: UC/CSU

Introduction to structures, nomenclature, properties, and reactions of carbon compounds: Hydrocarbons, monofunctional and polyfunctional compounds, emphasis on structures and mechanisms, spectroscopy

and other analytical techniques. Laboratory work: Reactions, purification techniques, measurements, qualitative analysis, use of instrumentation. 1905.00

AA/AS area 1; CSU areas B1, B3;
IGETC areas 5A, 5C;
(C-ID CHEM 150; CHEM 12A+12B
C-ID CHEM 160S)

CHEM 12B, 5 Units **Organic Chemistry**

3 hours lecture, 6 hours laboratory (GR). Prerequisite: CHEM 12A. Acceptable for credit: UC/CSU

Reactions of functional groups and interactions of polyfunctional compounds, infrared spectroscopy, nuclear magnetic resonance, mass spectrometry, ultraviolet-visible spectroscopy. Introduction to biochemistry: Lipids, carbohydrates, proteins, nucleic acids. Laboratory work: Reactions, purification methods, measurements, multistep syntheses, qualitative analysis, use of instrumentation. 1905.00

AA/AS area 1; CSU areas B1, B3;
IGETC areas 5A, 5C;
(CHEM 12A+12B C-ID CHEM 160S)

CHEM 18, 3 Units **Analytical Instrumentation**

2 hours lecture, 3 hours laboratory (GR). Prerequisite: CHEM 1B. Acceptable for credit: UC/CSU

Fundamentals of quantitative analysis: Solubility, acid-base, redox, complex formation and chemical equilibrium, and their applications in volumetric, gravimetric, colorimetric, chromatographic and spectroscopic analyses. This course emphasizes familiarity and skills in laboratory techniques and instrumental analysis. 0955.00

AA/AS area 1;
CSU area B1, B3
IGETC area 5A, 5C

CHEM 30A, 4 Units **Introductory General Chemistry**

3 hours lecture, 3 hours laboratory (GR). Prerequisite: MATH 201 or 210D or 208. Acceptable for credit: UC/CSU

Course Announcements

Fundamental principles of general chemistry: Metric measurements, matter and energy, atomic structure, chemical nomenclature, chemical bonding, chemical reactions, stoichiometry, gas laws, nuclear chemistry; properties of liquids, solids, solutions, acids, and bases.

1905.00

AA/AS area 1;

CSU area B1, B3; IGETC area 5A, 5C;

(CHEM 30A + PHYS 10 C-ID PHYS 140)

CHEM 30B, 4 Units

Introductory Organic and Biochemistry

3 hours lecture, 3 hours laboratory (GR). Prerequisite: CHEM 30A. Acceptable for credit: UC/CSU

Introduction to basic organic chemistry and biochemistry: Hydrocarbons; organic functional groups, nomenclature, and reactions; polymers, carbohydrates, proteins, enzymes, lipids, nucleic acids, protein synthesis, and metabolic pathways.

1905.00

AA/AS area 1;

CSU area B1, B3; IGETC area 5A, 5C

CHEM 48UA-ZZ, .5-5 Units

Selected Topics in Chemistry

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

1905.00

CHEM 49, .5-5 Units

Independent Study in Chemistry

(GR or P/NP). Acceptable for credit: CSU

See section on Independent Study.

1905.00

Child Development

CHDEV 51, 3 Units

Child Growth and Development

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Prenatal through adolescence typical and atypical human growth and development: Interrelationship of physical, social, emotional, and intellectual growth and the adult

role in fostering optimal development with emphasis on interactions between nature and nurture, developmental theory and investigative research, child observations and assessment, developmental milestones and individual differences.

1305.00

AA/AS Area 2; CSU area D, E;

IGETC area 4;

(C-ID CDEV 100)

Chinese

CHIN 1, 5 Units

Elementary Chinese (Mandarin)

5 hours lecture (GR or P/NP). Course is equivalent to two years of high school study. Acceptable for credit: UC/CSU

Introduction to elementary Chinese: Pronunciation, grammar, sentence patterns, practical vocabulary, and aural-oral exercises in speaking and understanding Mandarin Chinese or Pu Tong Hua.

1107.00

AA/AS Area 3; CSU area C2;

IGETC area Language

Communications

COMM 3, 3 Units

Introduction to Human Communication

3 hours lecture, (GR). Acceptable for credit: UC/CSU

Study of human communication: Focus on verbal and nonverbal participation and effective listening in interpersonal contexts, group dynamics, and public speaking.

1506.00

AA/AS area 4d; CSU area A1;

IGETC area 1C

Course Announcements

COMM 4, 3 Units

The Dynamics of Group Discussion

3 hours lecture (GR). Acceptable for credit: UC/CSU

Study of communication in a group setting: Emphasis on listening, leadership, and teamwork; theoretical and experiential learning to build on individual communication skills with the goal of understanding and practicing successful group relations. 1506.00

*AA/AS area 4d; CSU area A1;
IGETC area 1C; (C-ID COMM 140)*

COMM 5, 3 Units

Persuasion and Critical Thinking

3 hours lecture (GR). Prerequisite: ENGL 1A. Acceptable for credit: UC/CSU

Critical thinking skills: Principles of reasoning and persuasion, and analysis and evaluation of communication; emphasis on structure of arguments, quality of evidence, formal and informal fallacies, and effect of media on argumentation. 1506.00

*AA/AS area 3, 4d; CSU area A3;
IGETC area 1B; (C-ID COMM 120)*

COMM 6, 3 Units

Intercultural Communication

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Dynamics of intercultural communication as it applies to the diversity of American cultures: Cultural concepts, language style, content, ethnic perspectives, perceptions and stereotypes, symbols, and roles as they facilitate or hinder effective verbal and nonverbal interaction across cultures; analysis of multiple intercultural communication theories. 1506.00

*AA/AS area 2, 4d; CSU area D;
IGETC area 4; (C-ID COMM 150)*

COMM 10, 3 Units

Gender and Communication

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Exploration of the relationship between gender and communication: Interpersonal, mediated, social,

organizational, and cultural contexts; gender in public and private settings, media images, and personal identities.

1506.00

*AA/AS area 2
CSU Area D4, D7
IGETC area 4C, 4D*

COMM 19, 3 Units

Survey of Mass Media

3 hours lecture, (GR or P/INP). Acceptable for credit: UC/CSU

Survey of traditional and non-traditional mass media in America: Impact of mass media trends and technology into the 21st century; critical analysis of media messages and examination of mass media from historical, political, social, and cultural perspectives. 0601.00

*AA/AS area 2, 4d; CSU area D;
IGETC area 4; (C-ID JOUR 100)*

COMM 20, 3 Units

Interpersonal Communication Skills

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Analysis of communication needs and improvement of skills: Listening, perception, nonverbal communication, semantics, and conflict management. 1506.00

*AA/AS area 4d; CSU area A1;
IGETC area 1C;
(C-ID COMM 130)*

COMM 45, 3 Units

Public Speaking

3 hours lecture (GR). Acceptable for credit: UC/CSU

Principles of public speaking: Oral presentations based on political and social issues; critical thinking, organization, and research. 1506.00

*AA/AS area 4d; CSU area A1;
IGETC area 1C; (C-ID COMM 110)*

Computer Information Systems

CIS 1, 4 Units

Introduction to Computer Information Systems

3 hours lecture, 3 hours laboratory (GR or P/NP). Acceptable for credit: UC/CSU

General nature of computer hardware, software and systems: Hands-on applications include introduction to word processing, spreadsheet, database management, and presentation software, and a brief introduction to web browsing and e-mail.

0702.00

AA/AS area 4c

CIS 5, 5 Units

Introduction to Computer Science

4 hours lecture, 3 hours laboratory (GR or P/NP). Acceptable for credit: UC/CSU

Introduction to computer science: Architecture of digital computers, design of algorithms for solving various problems, and basic skills in computer programming.

0706.00

AA/AS area 4c

CIS 6, 5 Units

Introduction to Computer Programming

4 hours lecture, 3 hours laboratory (GR or P/NP). Recommended preparation: CIS 5. Acceptable for credit: UC/CSU

Introduction to computer programming: Algorithm design, flow charting, and debugging; elements of good programming style. Course may be instructed in any programming language.

0707.10

AA/AS area 4c; (C-ID COMP 122)

CIS 20, 4 Units

Microcomputer Assembly Language

3 hours lecture, 3 hours laboratory (GR or P/NP). Recommended preparation: CIS 3, 6, 12, or 26. Acceptable for credit: UC/CSU

Introduction to assembly language: Input/output operations, use of files, program flow controls, interaction

with OS via interrupts, pointers and arrays, strings and structured programming, and related applications.

0707.10

AA/AS area 4c; (C-ID COMP 142)

CIS 23, 4 Units

C# Programming

3 hours lecture, 3 hours laboratory (GR or P/NP). Recommended preparation: CIS 6, 10, 25, or 26. Acceptable for credit: UC/CSU

C# programming: Basic unified modeling language (UML) notation in object-oriented software design and development using the C# programming language in a .Net environment; focus on the program structure, syntax, constructs and keywords of the C# programming language, concepts of intermediate languages (ILs), the common language runtime (CLR), and .Net standard data types.

0707.10

AA/AS area 4c

CIS 25, 4 Units

Object-Oriented Programming Using C++

3 hours lecture, 3 hours laboratory (GR). Recommended preparation: CIS 6 or 26. Acceptable for credit: UC/CSU

Object-oriented methods of software development using C++: Design and implementation of objects, class construction and destruction, encapsulation, inheritance, and polymorphism.

0707.10

AA/AS area 4c

CIS 27, 4 Units

Data Structures and Algorithms

3 hours lecture, 3 hours laboratory (GR or P/NP). Prerequisite: CIS 25, 26, 36A. Acceptable for credit: UC/CSU

Use of abstract forms of data in programming: Concepts, and implementation and applicability of different forms of data to various programming problems.

0707.10

AA/AS area 4c

Course Announcements

CIS 36A, 4 Units

Java Programming Language I

3 hours lecture, 3 hours laboratory (GR or P/NP).

Prerequisite: CIS 6 or 61. Acceptable for credit: UC/CSU

Introduction to object-oriented program design using Java:
Developing web pages and stand-alone applications.

0707.10

AA/AS area 4c

CIS 36B, 4 Units

Java Programming Language II

3 hours lecture, 3 hours laboratory (GR or P/NP).

Prerequisite: CIS 25 or 36A. Acceptable for credit: UC/CSU

Object-oriented program design using the Java programming language: Designing and programming with exceptions, threads, file input/output (I/O); networking and graphics classes; developing codes using tools such as Java 2D API and SWING; and working with projects in areas such as animation.

0707.10

AA/AS area 4c

CIS 42A, 2 Units

Spreadsheet Applications I

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Recommended preparation: CIS 1 or 200. Acceptable for credit: CSU

Principles of electronic spreadsheets using features available with currently popular spreadsheet software: Worksheet creation and formatting; entering of data, formulas, and functions; editing and printing; basic charting; basic database functions of sorting and querying.

0702.10

AA/AS area 4c

CIS 42B, 2 Units

Spreadsheet Applications II

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Prerequisite: CIS 42A (may be taken during same term as CIS 42B during the first 9-week session). Acceptable for credit: CSU

Principles of electronic spreadsheets using features available with currently popular spreadsheet software:

Financial functions, logical functions, forecasting trends, lookup tables, "pivot tables", graphic design for financial statements, statistical operations (regression analysis), macro programming.

0702.10

AA/AS area 4c

CIS 48UA-ZZ, .5-5 Units

Selected Topics in Computer Information Systems

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

Acceptable for credit: CSU

See section on Selected Topics.

0702.00

CIS 80, 3 Units

Discrete Structures

3 hours lecture (GR or P/NP). Prerequisites: CIS 6 and MATH 203, 204C, or 211D. Acceptable for credit: UC/CSU

Mathematical concepts for computer applications: Algorithms and analysis of algorithms, logic and mathematical proofs (contradiction and induction), sets, relations and functions, recursion, combinatorics, Boolean algebra, and discrete probability; Bayes' theorem, trees and graphs.

0701.00

AA/AS Area 4c; (C-ID COMP 152)

CIS 81, 3 Units

Systems Analysis with UML

3 hours lecture (GR or P/NP). Prerequisite: CIS 36A.

Acceptable for credit: CSU

Principles of systems analysis: Techniques of analysis and design emphasizing UML in software requirements analysis, and the design and documentation phase of software development; utilizing life cycle of systems design, iterative, and waterfall development processes, object oriented analysis and design.

0707.30

AA/AS area 4c

CIS 82, 4 Units

Design Patterns

3 hours lecture, 3 hours laboratory (GR or P/NP).

Prerequisite: CIS 36A, Recommended Preparation: CIS 81.

Acceptable for credit: CSU

Course Announcements

Principles of designing robust reusable object-oriented software: The most common design-pattern strategies; enterprise program design. 0707.10

AA/AS area 4c

CIS 83A, 3 Units

Web Programming Capstone Project

1 hour Lecture, 6 hours Lab (GR or P/NP). Prerequisite: CIS 36A, 81, 84, 85, and 103. Acceptable for credit: CSU

Substantial client-specified work-like project: Team project includes writing, analyzing, designing, implementing, testing, documenting, and presenting to client; use of programming and systems analysis skills developed in previous courses; demonstration of mastery of program competencies. 0707.10

AA/AS area 4c

CIS 83B, 3 Units

Computer Programming Capstone Project

1 hour Lecture, 6 hours Lab (GR or P/NP). Prerequisite: CIS 27, 36A, 81, and 82. Acceptable for credit: CSU

Culminating project-based experience that applies computer programming knowledge and skills developed in previous courses towards the design, implementation, testing, documentation, and presentation of a specific idea, task, or product. 0707.10

AA/AS area 4c

CIS 84, 4 Units

Database Programming for the Web

3 hours lecture, 3 hours laboratory (GR or P/NP). Recommended Preparation: CIS 6, 36A, and 105. Acceptable for credit: CSU

Web-enabled database concepts: Relational database principles, Structured Query Language (SQL); use of client-side scripts and server-side scripts. 0707.20

AA/AS area 4c

CIS 85, 4 Units

JSP and Servlets

3 hours lecture, 3 hours laboratory (GR or P/NP). Prerequisite: CIS 36A. Acceptable for credit: CSU

Java servlet and JSP technology and deployment of web applications: Interactive web pages, secure access to the web site, JDBC database connectivity, web security, generation of dynamic web pages, and maintenance of client session data; quick introduction to Java bean components and J2EE. 0707.10

AA/AS area 4c

CIS 86, 4 Units

Windows Operating Systems

3 hours lecture, 3 hours laboratory (GR or P/NP). Recommended Preparation: CIS 1. Acceptable for credit: CSU

Computer operating system environment through a study of the main features and functions of MS Windows: Operating system fundamentals, configurations, installation & upgrading, managing applications, files and directories, managing devices and other resources, system maintenance. 0702.00

AA/AS area 4c

CIS 87, 4 Units

Window Server Administration Fundamentals

3 hours lecture, 3 hours laboratory (GR or P/NP). Recommended Preparation: CIS 1. Acceptable for credit: CSU

Introduction to Windows Server: Emphasis on proper installation, correct implementation of features and utilities, managing resources, controlling access and security, working with active directory, troubleshooting, server performance management, maintenance, network services and connectivity. 0708.10

AA/AS area 4c

Course Announcements

CIS 89, 4 Units

Networking Fundamentals

*3 hours lecture, 3 hours laboratory (GR or P/INP).
Recommended Preparation: CIS 1. Acceptable for credit: CSU*

Introduction to local area networks: Defining networks through the OSI model, understanding wired and wireless networks, network infrastructure, network security, implementing the Internet Protocol and TCP/IP, networking services, WANs. 0708.10

AA/AS area 4c

CIS 90, 4 Units

Security Fundamentals

*3 hours lecture, 3 hours laboratory (GR or P/INP).
Recommended Preparation: CIS 1. Acceptable for credit: CSU*

Basics of Network and Windows Server system security: Core security principles, understanding security layering concepts, authentication-authorization-accounting, security policies through access and permissions, understanding network security, protecting the client server environment, encryption, PKI and Certificates. 0708.20

AA/AS area 4c

CIS 91, 4 Units

Windows Networking

and Operating System Essentials

*3 hours lecture, 3 hours laboratory (GR or P/INP).
Prerequisite: CIS 86, 87, 89, and 90. Acceptable for credit: CSU*

Design and implement networked computer infrastructures based on the Windows platform: Installing Windows, deploying Windows, configuring hardware/applications/network connectivity/resources access/remote access & mobile computing/backup and recovery options/remote access, monitoring & maintaining Windows clients/system performance. 0708.20

AA/AS area 4c

CIS 92, 4 Units

Fundamentals of Linux

3 hours lecture, 3 hours laboratory (GR or P/INP). Recommended Preparation: CIS 86. Acceptable for credit: CSU

Introduction to the Linux operating system: Overview of GNU/Linux, X Window and the GNOME and KDE graphical user interfaces, the GNU Bourne again shell; bash; operating system installation, security, file systems navigation; command line features using the bash shell, the vi text editor; basic networking and system administration activities. 0709.10

AA/AS area 4c

CIS 103, 4 Units

Survey of Programming

Languages for the Web—Continuation

*3 hours lecture, 3 hours laboratory (GR or P/INP).
Recommended Preparation: CIS 36A and 104. Acceptable for credit: CSU*

E-commerce web page design principles: Extend web page “functionality” with interactivity, multimedia, security, and database capability using XML, JavaScript and related technologies. 0707.10

AA/AS area 4c

CIS 104, 3 Units

Survey of Programming

Languages for the Web

2 hours lecture, 3 hours laboratory (GR or P/INP). Recommended preparation: CIS 1 and 105. Acceptable for credit: CSU

Survey of programming languages for the Web for non-programmers: History and motivation for development; review of basic concepts and syntax, such as variables, loops, conditions, arrays, structures; capabilities and limitations; functions of object-oriented and event-driven programming. Taught using HTML5, CSS, Java with jQuery. 0707.10

AA/AS area 4c

CIS 105, 1 Unit

Mechanics of Web Page Design

1 hour lecture (GR or P/INP). Recommended preparation: CIS 237. Acceptable for credit: CSU

Basic theory and practice of web page construction using HTML: Preparation of images for the web, interface design, and interactivity. 0709.00

AA/AS area 4c

Course Announcements

CIS 138, 4 Units

Android Programming

*3 hours lecture, 3 hours laboratory, (GR or P/NP).
Prerequisite: CIS 36A Recommended Preparation: CIS 36B. Acceptable for credit: UC/CSU*

Essential skills for programming for the Android platform: Widgets, layouts, event handling, menus, preferences, threads, adapters, intents, services and notifications.

0707.10

AA/AS area 4c

CIS 200, 1.5 Units

Computer Concepts and Applications

1 hour lecture, 2 hours laboratory (GR or P/NP).

Introduction to computer concepts: Terminology, word processing, spreadsheets, database management, presentation graphics, and the Internet. 0702.10

AA/AS area 4c

CIS 230, .5 Units

Laboratory Practice in Microcomputers

1.5 hours laboratory (GR or P/NP). Recommended preparation: CIS 200.

Designed to provide laboratory experience not covered under other course offerings: Prescribed laboratory activities or establishment of a specialized course of study under direction of instructor. 0702.00

CIS 231, 1 Unit

Advanced Laboratory Projects in Microcomputers

3 hours laboratory (GR or P/NP). Recommended preparation: CIS 210, 212, 220, or 235.

Designed to provide advanced laboratory experience not covered under other course offerings: Specialized projects using advanced applications/programs or multiple application programs under direction of instructor for students with prior user or programming experience.

0702.00

AA/AS area 4c

CIS 231A, 1 Unit

Advanced Laboratory Projects in Word

3 hours laboratory (GR or P/NP). Recommended Preparation: CIS 1.

Advanced word skills: Creating templates and themes, adding multimedia to documents, and protecting documents by completing specialized projects. 0702.00

AA/AS area 4c

CIS 231B, 1 Unit

Advanced Laboratory Projects in Outlook

3 hours laboratory (GR or P/NP). Recommended Preparation: CIS 1.

Outlook: Perform scheduling, manage tasks and meetings, manage contacts and emails, manage communication, and work efficiently by completing specialized projects.

0702.00

AA/AS area 4c

CIS 231C, 1 Unit

Advanced Laboratory Projects in SharePoint

3 hours laboratory (GR or P/NP). Recommended Preparation: CIS 1.

SharePoint: Collaborating on activities, sharing data, and presenting business applications and content by completing specialized projects.

0702.00

AA/AS area 4c

CIS 231D, 1 Unit

Advanced Laboratory Projects in OneNote

3 hours laboratory (GR or P/NP). Recommended Preparation: CIS 1

OneNote: Creating, collecting, categorizing, organizing, and searching documents and notes by completing specialized projects.

0702.00

AA/AS area 4c

Course Announcements

CIS 232, 2 Units **Exploring Robotics**

1 hours lecture, 3 hours laboratory (GR or P/NP).

Introduction to robotics and computing: Modeling, designing, planning, and programming; hands-on robotic projects using motors and sensors. 0706.00

AA/AS Area 4c

CIS 237, 1 Unit **Introduction to Internet Basics**

1 hour lecture (GR or P/NP). Recommended preparation: CIS 200.

Introduction to Internet basics: Connecting to the Internet; exploring the World Wide Web; using email, search engines and directories, FTP/Newsgroups/TELNET; creating and publishing HTML pages and ethical issues. 0709.00

AA/AS area 4c

CIS 245A, 2 Units **Introduction to Microsoft Access I**

*1.5 hour lecture, 1.5 hours laboratory (GR or P/NP).
Corequisite: CIS 1 or 200.*

Introduction to Microsoft Access database management: Designing, creating, and managing a database, developing and building tables, creating queries forms and reports. 0707.20

AA/AS area 4c

CIS 245B, 2 Units **Introduction to Microsoft Access II**

*1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Prerequisite: CIS 245A.*

Microsoft Access Database design, management and optimization of relational databases: Advanced queries, enhanced table design, tools for custom form and report generation, data sharing and analysis, action queries and advanced table relationships, automating tasks with macros, using and writing Visual Basic application code. 0707.20

AA/AS area 4c

CIS 246, 1.5 Units **Introduction to PowerPoint**

*1 hour lecture, 1.5 hours laboratory (GR or P/NP).
Recommended Preparation: CIS 1.*

Introduction to Microsoft PowerPoint presentation graphics: Preparation for creating, saving, editing and printing presentation materials; graphic techniques and overhead transparencies, color slides, outline notes, handouts, and on-screen graphics. 0702.10

AA/AS area 4c

CIS 248UA-ZZ, .5-5 Units **Selected Topics** **in Computer Information Systems**

0-5 lecture hours, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 0702.00

Cooperative Education

For the satisfactory completion of all types of Cooperative Work Experience Education, students may earn up to a total of 16 semester credit hours, subject to the following limitations:

(1) General Work Experience Education.

A maximum of six semester credit hours may be earned during one enrollment period in general work experience education.

(2) Occupational Work Experience Education.

A maximum of eight semester credit hours may be earned during one enrollment period in occupational work experience education.

Work experience, in conjunction with a program of instruction, makes it possible for a student to obtain college credit for paid or volunteer experience.

COPED 450, 1-3 Units **General Work Experience**

Hours to be arranged (GR or P/NP). Acceptable for credit: CSU

Supervised employment to assist in acquiring desirable

Course Announcements

work habits and attitudes, increase educational motivation, and develop improved human relations skills. Employment need not be related to educational or occupational goals. 4932.00

COPED 451, 1-4 Units

Occupational Work Experience

Hours to be arranged (GR or P/NP). Acceptable for credit: CSU

Supervised employment of students extending classroom-based occupational learning at an on-the-job learning station relating to students' educational or occupational goals. 4932.00

COPED 468B, 1-4 Units

Occupational Work Experience in Multimedia Arts

Hours to be arranged (GR or P/NP).

0614.00

COPED 484A, 1-4 Units

Occupational Work Experience in Biotechnology

Hours to be arranged (GR or P/NP).

0430.00

Counseling

COUN 24, 3 Units

College Success

3 hours lecture (GR or P/NP). Recommended preparation: ENGL 201B. Acceptable for credit: UC/CSU

Identification and development of resources that facilitate college success: High-performance learning utilizing information organization and management, critical-thinking and problem-solving skills, effective time management, learning styles and strategies and memory theory, goal setting and educational planning, and campus/community resources. 4930.10

CSU area E

COUN 48UA-ZZ, .5-5 Units

Selected Topics in Counseling

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics.

4930.10

COUN 57, 3 Units

Career and Life Planning

3 hours lecture (GR or P/NP). Recommended preparation: ENGL 201B. Acceptable for credit: UC/CSU

In-depth career and life planning: Self-exploration, identifying values, interests, needs and goals; development of skills for assuming careers and lifestyles over the life span, influence of career choice on the quality of life, and the development of a career action plan. Designed to assist those students considering the transition of a career change or undecided about the selection of a college transfer major. 4930.10

CSU area E

COUN 200A, .5 Units

Orientation to College

.5 hours lecture (P/NP).

Information for new students: College programs, policies and procedures, campus resources and assessment.

4930.10

COUN 200B, .5 Units

Orientation to College

.5 hours lecture (P/NP). Recommended preparation: COUN 200A.

Educational planning and college success skills: Development of a Student Educational Plan (SEP) with a counselor and introduction to topics such as time management, study skills, note-taking, and test-taking techniques. 4930.10

COUN 207A, 1 Unit
Career Exploration

1 hour lecture (GR or P/NP).

Career decision making: Exploration and clarification of values, skills, and goals to facilitate informed and realistic career choices, and introduction to personal and occupational assessment tools. 4930.10

COUN 207B, 1 Unit
Career Exploration

1 hour lecture (GR or P/NP).

Occupational assessment tools: Practice in networking, informational interviews, research on employment opportunities and trends, and resources used in job search. 4930.10

COUN 248UA-ZZ, .5-5 Units
Selected Topics in Counseling

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 4930.10

COUN 501, 0 Units
Counseling Learning Lab (Non-Credit)

1-5 hours laboratory (P/NP or SP).

Course study under this section may be repeated as necessary. Students may attend multiple sessions per semester. Success and retention strategies offered in small groups: Provides supervised tutoring to students in overcoming barriers in reaching their educational goals and increasing their successful completion of college courses and programs. 4930.09

Economics

ECON 1, 3 Units
Principles of Economics (Macro-Economics)

3 hours lecture (GR). Prerequisite: MATH 203. Acceptable for credit: UC/CSU

Introductory economic concepts: Measurements of national income and production; causes of inflation, recession and depression; money and banking; government monetary and fiscal (spending and taxation) policies; stabilization techniques; economic growth; history of economic thought and philosophy. 2204.00

*AA/AS area 2; CSU area D;
IGETC area 4; (C-ID ECON 202)*

ECON 2, 3 Units
Principles of Economics (Micro-Economics)

3 hours lecture (GR). Prerequisite: MATH 203. Acceptable for credit: UC/CSU

Principles of micro-economics: Forms of business organization, theory of the firm within competitive and non-competitive markets, distribution of income, poverty, labor issues, agriculture. 2204.00

*AA/AS area 2; CSU area D;
IGETC area 4; (C-ID ECON 201)*

ECON 48UA-ZZ, .5-5 Units
Selected Topics in Economics

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics. 2204.00

ECON 248UA-ZZ, .5-5 Units
Selected Topics in Economics

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 2204.00

Education

EDUC 1, 3 Units

Introduction to the Field of Education

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Historical and sociological analysis of the educational system and careers in teaching; Study of principles of effective instructional models with emphasis on student-centered and culturally relevant methods, research of resources for curriculum and instruction, and observation of teaching practices in local schools. 0801.00

AA/AS area 2

EDUC 48UA-ZZ, .5-5 Units

Selected Topics in Education

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics. 0801.00

EDUC 97, 2-4 Units

Field Studies in Education

1 hour lecture, 3-9 hours laboratory (GR or P/NP). Prerequisite or Corequisite: EDUC 1. Acceptable for credit: UC/CSU. Course study under this section may be repeated one time for a maximum of 4 units.

Supervised field experience in education: Strategies in teaching and/or tutoring in one of a variety of disciplines. 0801.00

EDUC 98, 3 Units

Pedagogy of Reading

3 hours lecture (GR or P/NP). Acceptable for credit: CSU

Pedagogy of reading: Theoretical perspectives on reading and reading pedagogy; decoding techniques; reading comprehension techniques; schema building and activation; cognitive and social factors contributing to reading disabilities; reading across the curriculum.

0802.00

EDUC 99, 3 Units

Introduction to Special Needs Pedagogy

3 hours lecture (GR or P/NP). Acceptable for credit: CSU

Special Needs Pedagogy: Definition of special needs; history of special education and related policies; categories of disabilities; and appropriate instructional strategies for students with special needs. 0802.00

EDUC 248UA-ZZ, .5-5 Units

Selected Topics in Education

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 0801.00

English

ENGL 1A, 4 Units

Composition and Reading

4 hours lecture (GR). Prerequisite: ENGL 201, 264B, ESL 52B or appropriate placement through multiple-measures assessment process. Acceptable for credit: UC/CSU

Reading and writing expository prose: Critical thinking, identifying logical fallacies, and reasoning inductively and deductively. 1501.00

AA/AS area 4a; CSU area A2;
IGETC area 1A; (C-ID ENGL 100)

ENGL 1B, 4 Units

Composition and Reading

4 hours lecture (GR). Prerequisite: ENGL 1A. Acceptable for credit: UC/CSU

Continued expository writing: Careful reading of selected plays, poems, and novels. 1501.00

AA/AS area 3, 4a, 4d;
CSU area C2; IGETC area 3B ;
(C-ID ENGL 120)

Course Announcements

ENGL 5, 3 Units

Critical Thinking in Reading and Writing

3 hours lecture (GR). Prerequisite: ENGL 1A. Acceptable for credit: UC/CSU

Development of the ability to analyze, criticize, and advocate ideas: Relationship of language to logic, induction and deduction, facts, inferences, judgments, and formal and informal fallacies of language and thought. Instructs in writing about issues of critical thinking to develop both thinking and writing skills.

1501.00

*AA/AS area 4a, 4d; CSU area A3;
IGETC area 1B; (C-ID ENGL 105)*

ENGL 10A, 3 Units

Creative Writing

3 hours lecture (GR). Prerequisite: ENGL 1A. Acceptable for credit: UC/CSU

Writing fiction, poetry, and drama: Careful analysis of the techniques used by established writers.

1507.00

*AA/AS area 3, 4d;
CSU area C2; (C-ID ENGL 200)*

ENGL 10B, 3 Units

Creative Writing

3 hours lecture (GR). Prerequisite: ENGL 1A. ENGL 10A is not prerequisite to ENGL 10B. Acceptable for credit: UC/CSU

Continuation of writing fiction, poetry, and drama: Careful analysis of the techniques used by established writers.

1507.00

*AA/AS area 3, 4d;
CSU area C2*

ENGL 14, 3 Units

Non-Fiction Writing

3 hours lecture (GR or P/INP). Prerequisite: ENGL 1A. Acceptable for credit: UC/CSU

Non-fiction writing: Personal essay, personality profiles, book reviews, and feature stories for newspapers and magazines.

1507.00

AA/AS area 3, 4d

ENGL 15, 3 Units

Non-Fiction: Special Projects

3 hours lecture (GR or P/INP). Prerequisite: ENGL 1A. Acceptable for credit: UC/CSU

Non-fiction writing and editing for publication: Editorial essays, interviews, reviews, and feature stories for newspapers and magazines.

1507.00

AA/AS area 3, 4d

ENGL 17A, 3 Units

Shakespeare

3 hours lecture (GR or P/INP). Prerequisite: ENGL 1A. Acceptable for credit: UC/CSU

Study of selected works of Shakespeare.

1503.00

AA/AS area 3, 4d; CSU area C2;

IGETC area 3B

ENGL 17B, 3 Units

Shakespeare

3 hours lecture (GR or P/INP). Prerequisite: ENGL 1A. ENGL 17A is not prerequisite to ENGL 17B. Acceptable for credit: UC/CSU

Continued study of selected works of Shakespeare.

1503.00

AA/AS area 3, 4d; CSU area C2;

IGETC area 3B

ENGL 20, 3 Units

Introduction to Dramatic Literature

3 hours lecture (GR or P/INP). Prerequisite: ENGL 1A. Acceptable for credit: CSU

Survey of history and literature of the theater focusing on major theatrical periods: Classical, Elizabethan, Restoration and twentieth century.

1503.00

AA/AS area 3, 4d

ENGL 21, 3 Units

Film Criticism and Analysis

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Critical analysis of film: Formal elements, such as plot, character analysis, symbolism, and theme; application

Course Announcements

of critical theory, including new historicist, feminist, Marxist, post-colonial, psychological, and other critical lenses. 1501.00

*AA/AS area 3, 4d; CSU area C1;
IGETC area 3A*

ENGL 47, 3 Units Children's Literature

*3 hours lecture (GR or P/INP). Prerequisite: ENGL 1A.
Acceptable for credit: UC/CSU*

Introduction to children's literature: Fairy tales and tale types; interpretation of children's literature from the perspectives of children, teachers, and parents; study of books by authors such as Brown, Dahl, Juster, Rowling, Sendak, Soto, and others. 1503.00

*AA/AS, area 3, 4d; CSU area C2;
IGETC area 3C
(C-ID ENGL 180)*

ENGL 48UA-ZZ, .5-5 Units Selected Topics in English

*0-5 hours lecture, 0-15 hours laboratory (GR or P/INP).
Acceptable for credit: CSU*

See section on Selected Topics. 1501.00

ENGL 49, .5-5 Units Independent Study in English

(GR or P/INP). Acceptable for credit: CSU

See section on Independent Study. 1501.00

ENGL 50, 3 Units Multicultural American Literature

*3 hours lecture (GR or P/INP). Prerequisite: ENGL 1A.
Acceptable for credit: UC/CSU*

Multicultural American Literature: African-American, Asian-American, Latino/Chicano, Native American, and other literatures; relevant history and cultural development; influence of the dominant culture on minority experiences; multiple genres, including oral tradition, poetry, memoirs, short stories, and novels. 1501.00

*AA/AS, area 3, 4d; CSU area C2;
IGETC area 3B*

ENGL 70A, 3 Units Transforming Autobiography into Creative Writing

3 hours lecture (GR or P/INP). Acceptable for credit: CSU

Autobiographical writing techniques: Transforming personal experience into autobiographical scenes, sketches, short poems, and short stories, as well as memoirs, anecdotes, histories, memory poems, tall tales, and yarns. 1507.00

AA/AS area 4d

ENGL 70B, 3 Units Transforming Autobiography into Creative Writing

*3 hours lecture (GR or P/INP). ENGL 70A is not prerequisite
to ENGL 70B. Acceptable for credit: CSU*

Autobiographical writing techniques: Transforming reminiscences, sketches, and vignettes into autobiographical free verse, adventures tales, and novellas. 1507.00

AA/AS area 4d

ENGL 71A, 3 Units Introduction to Fiction Writing

*3 hours lecture (GR or P/INP). Prerequisite: ENGL 1A.
Acceptable for credit: UC/CSU*

Introduction to fiction writing techniques: Overcoming writing fears; introduction to description, characterization, dialogue, plotting, avoiding clichés, and showing vs. telling. 1507.00

*AA/AS area 4d; CSU area C2;
(units limited at UC)*

ENGL 72A, 3 Units Intermediate Fiction Writing

*3 hours lecture (GR or P/INP). Prerequisite: ENGL 71A or
71B. Acceptable for credit: UC/CSU*

Intermediate fiction writing: Refining description techniques, major and minor characters, dialect, interior monologue, plot design, and revising first drafts. 1507.00

*AA/AS area 4d; CSU area C2;
(units limited at UC)*

ENGL 73A, 3 Units

Intensive Fiction Writing

3 hours lecture (GR or P/INP). Prerequisite: ENGL 72A or 72B. Acceptable for credit: UC/CSU

For experienced fiction writers: Developing root material; structuring ideas; using characterization and dialogue to plot; working on first, second and third drafts; and giving and receiving feedback.

1507.00

*AA/AS area 4d; CSU area C2;
(units limited at UC)*

ENGL 74, 3 Units

Fiction: Special Projects

3 hours lecture (GR or P/INP). Prerequisite: ENGL 73A and 73B. Acceptable for credit: CSU

Advanced fiction writing: Developing project ideas and themes, peer review techniques, maintaining pace and discipline, chapter and scene linkages, revision to sustain tone, book proposals, and copyright law.

1507.00

AA/AS area 4d

ENGL 85A, 4 Units

Literature in English through Milton

4 hours lecture (GR or P/INP). Prerequisite: ENGL 1A. Acceptable for credit: UC/CSU

Introduction to English literature of the Middle Ages and Renaissance: Study of major works by Chaucer, Spenser, and Milton as well as their contemporaries, such as Donne and Marlowe.

1503.00

*AA/AS area 3, 4d; CSU area C2;
IGETC area 3B; (C-ID ENGL 150)*

ENGL 85B, 4 Units

Literature in English:

Late 17th through Mid 19th Century

4 hours lecture (GR or P/INP). Prerequisite: ENGL 1A. ENGL 85A is not prerequisite to ENGL 85B. Acceptable for credit: UC/CSU

Introduction to English literature of the late seventeenth through mid-nineteenth century: Pope, Blake, Wordsworth, Bronte, Dickens, Austen, Whitman, and selected others.

1503.00

*AA/AS area 3, 4d; CSU area C2;
IGETC area 3B; (C-ID ENGL 152)*

ENGL 85C, 4 Units

Literature in English:

Mid 19th through the 20th Century

4 hours lecture (GR or P/INP). Prerequisite: ENGL 1A. ENGL 85A and 85B are not prerequisites for ENGL 85C. Acceptable for credit: UC/CSU

Introduction to English literature of the mid-nineteenth through twentieth century: Wilde, Shaw, James, Woolf, Joyce, Faulkner, Eliot, Hurston, and selected others.

1503.00

*AA/AS area 3, 4d; CSU area C2;
IGETC area 3B; (C-ID ENGL 155)*

ENGL 86, 3 Units

**Introduction to Playwriting
and Screenwriting**

3 hours lecture (GR or P/INP). Prerequisite: ENGL 1A. Acceptable for credit: UC/CSU

Introduction to playwriting and screenwriting: Introduction to films and theater, formatting of screenplays and plays, direction, study of techniques, rehearsal, and critique.

1507.00

*AA/AS area 4d;
(units limited at UC)*

ENGL 87, 3 Units

**Intermediate Playwriting
and Screenwriting**

3 hours lecture (GR or P/INP). Prerequisite: ENGL 86. Acceptable for credit: UC/CSU

Intermediate playwriting and screenwriting: Plays and film scenes; play and screenplay structure; intermediate direction, rehearsal, and critique; further study of techniques.

1507.00

*AA/AS area 4d;
(units limited at UC)*

ENGL 88, 3 Units

Intensive Playwriting and Screenwriting

3 hours lecture (GR or P/INP). Prerequisite: ENGL 87. Acceptable for credit: UC/CSU

Course Announcements

Intensive playwriting and screenwriting: Critique and revision of multiple drafts, three-stage method of giving and receiving criticism, intensive study of techniques.

1507.00

*AA/AS area 4d;
(units limited at UC)*

ENGL 89, 3 Units **Playwriting and Screenwriting:** **Special Projects**

*3 hours lecture (GR or P/INP). Prerequisite: ENGL 88.
Acceptable for credit: CSU*

Advanced playwriting and screenwriting: Completion of a play or screenplay in an advanced condition with first draft completed; editing, discussion of collaboration, critiquing, copywriting, and promotion.

1507.00

*AA/AS area 4d;
(units limited at UC)*

ENGL 91A, 3 Units **Introduction to Poetry Writing**

*3 hours lecture (GR or P/INP). Prerequisite: ENGL 1A.
Acceptable for credit: UC/CSU*

Introduction to poetry writing: Overcoming writing fears; introduction to similes, metaphors, images, rhythm and avoiding clichés.

1507.00

*AA/AS area 4d; CSU area C2;
(units limited at UC)*

ENGL 92A, 3 Units **Intermediate Poetry Writing**

3 hours lecture (GR or P/INP). Prerequisite: ENGL 91A or 91B. Acceptable for credit: UC/CSU

Intermediate poetry writing: Overcoming writing blocks, refining simile, extended metaphor, complex imagery, sonnets, villanelles, haiku, and free verse.

1507.00

*AA/AS area 4d; CSU area C2;
(units limited at UC)*

ENGL 93A, 3 Units **Intensive Poetry Writing**

3 hours lecture (GR or P/INP). Prerequisite: ENGL 92A or 92B. Acceptable for credit: UC/CSU

For experienced poets: Reviewing meter, iambs, anapests, dactyls; extended imagery, linguistics and poetry, sestinas, and collage poetry.

1507.00

*AA/AS area 4d; CSU area C2;
(units limited at UC)*

ENGL 94, 3 Units **Poetry: Special Projects**

3 hours lecture (GR or P/INP). Prerequisite: ENGL 93A and 93B. Acceptable for credit: CSU

Advanced poetry writing: Developing a poetry series, peer review techniques, maintaining a writing pace and discipline, revision to sustain tone, book proposals, and copyright law.

1507.00

AA/AS area 4d

ENGL 99, 3 Units **Development and Publication of** **Full-Length Manuscript**

*3 hours lecture (GR or P/INP). Prerequisite: ENGL 1A.
Acceptable for credit: CSU*

Capstone course for writers of poetry, fiction, non-fiction, or playwriting/screenwriting: Creation of book, anthology, zine, or journal; conceptualization and mission statement; selecting, sequencing and editing work; exploring publication platforms; selecting and incorporating artwork; publicizing, distributing, and fundraising; development of portfolio of creative writing.

1507.00

AA/AS area 4d

ENGL 130, 3 Units **Introduction to English Syntax and Grammar**

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Survey of present-day English grammar as informed by contemporary linguistic theories: The major syntactic structures of English, integration of the sentence into its logical and rhetorical contexts, review of traditional grammar and usage, applications to pedagogical practices.

1501.00

Course Announcements

ENGL 208A, 1 Unit Writing Workshop

.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Individualized instruction in writing: Thesis control and essay organization. 1501.00

ENGL 208B, 1 Unit Writing Workshop

*.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Recommended Preparation: ENGL 208A.*

Individualized instruction in writing: Thesis control, essay organization, and idea development. 1501.00

ENGL 208C, 1 Unit Writing Workshop

*.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Recommended Preparation: ENGL 208B.*

Individualized instruction in writing: Thesis control, essay organization, idea development, and sentence structure. 1501.00

ENGL 208D, 1 Unit Writing Workshop

*.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Recommended Preparation: ENGL 208C.*

Individualized instruction in writing: Thesis control, essay organization, idea development, sentence structure, and editing/proofreading. 1501.00

ENGL 217A, 3 Units Shakespeare

3 hours lecture (GR or P/NP).

Study of selected works of Shakespeare. 1503.00
AA/AS area 3, 4d

ENGL 248UA-ZZ, .5-5 Units Selected Topics in English*

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 1501.00

ENGL 258A, 1 Unit Writing Workshop

.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Individualized instruction in writing: Thesis control and essay organization. 1501.00

ENGL 258B, 1 Unit Writing Workshop

*.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Recommended preparation: ENGL 258A.*

Individualized instruction in writing: Thesis control, essay organization, and idea development. 1501.00

ENGL 258C, 1 Unit Writing Workshop

*.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Recommended preparation: ENGL 258B.*

Individualized instruction in writing: Thesis control, essay organization, idea development, and sentence structure. 1501.00

ENGL 258D, 1 Unit Writing Workshop

*.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Recommended preparation: ENGL 258C.*

Individualized instruction in writing: Thesis control, essay organization, idea development, sentence structure, and editing/proofreading. 1501.00

ENGL 264A, 5 Units Preparation for Composition, Reading, and Research

4 hours lecture, 3 hours laboratory (GR or P/NP).

Introduction to college-level composition, reading, and research: Active reading strategies; writing and prewriting strategies; argumentation techniques; research techniques. 1501.00

ENGL 264B, 5 Units Preparation for Composition, Reading, and Research

4 hours lecture, 3 hours laboratory (GR or P/NP).

Course Announcements

Skill development in composition, reading, and research: Active reading strategies; writing and pre-writing strategies; argumentation techniques; research techniques. 1501.00

ENGL 501 , 0 Units **Supervised Tutoring in Composition and Reading (Non-Credit)**

1-15 hours laboratory (P/NP or SP). Open entry/open exit course. Course study under this section may be repeated as necessary. Students may enroll for assistance in more than one college course per semester.

Supervised tutoring, either individually or in small groups, to assist students in increasing their success in composition and reading in college courses. 4930.09

ENGL 508A, 0 Units **Academic Composition Skills: Prewriting and Organization (Non-Credit)**

1-15 hours laboratory (P/NP or SP). Open-entry/open-exit course. Course study under this section may be repeated as necessary. Students may enroll for assistance in more than one college course per semester.

Individualized instruction in academic composition: Prewriting and essay organization. 1501.00

ENGL 508B, 0 Units **Academic Composition Skills: Paragraph Development, Analysis, and Research (Non-Credit)**

1-15 hours laboratory (P/NP or SP). Open-entry/open-exit course. Course study under this section may be repeated as necessary. Students may enroll for assistance in more than one college course per semester.

Individualized instruction in academic composition: Paragraph Development, Analysis, and Research. 1501.00

ENGL 508C, 0 Units **Academic Composition Skills: Sentence Structure and Proofreading (Non-Credit)**

1-15 hours laboratory (P/NP or SP). Open-entry/open-exit

course. Course study under this section may be repeated as necessary. Students may enroll for assistance in more than one college course per semester.

Individualized instruction in academic composition: Sentence structure and proofreading. 1501.00

English as a Second Language

English as a Second Language Level of Difficulty

Subject Area	High Beginning	Intermediate	Intermediate	High Advanced
Learning & Speaking (4 Units)	283A/B	232A/B	233A/B	50A/B
Reading & Writing (6 Units)	285A/B	222A/B	23A/B	52A/B
Grammar (4 units)	284A/B	215A/B	216A/B	217A/B

ESL 50A, 4 Units **Advanced Listening and Speaking**

4 hours lecture (GR or P/NP). Prerequisites: ESL 200B or 233B or placement through multiple-measures assessment process. Acceptable for credit: CSU

Advanced level listening and speaking in American English: Listening comprehension, public speaking strategies, grammar, vocabulary, idioms, and pronunciation. 4930.87

AA/AS area 4d; CSU area A1

ESL 50B, 4 Units **Oral Communication for Advanced ESL Students**

4 hours lecture (GR or P/NP). Prerequisites: ESL 50A or placement through multiple-measures assessment process. Acceptable for credit: CSU

Continuation of advanced level listening and speaking in American English: Listening comprehension, public speaking strategies, grammar, vocabulary, idioms, and pronunciation. 4930.86

AA/AS area 4d

Course Announcements

ESL 52A, 6 Units

Advanced Reading and Writing

6 hours lecture (GR or P/INP). Prerequisites: ESL 21A or 223B or placement through multiple-measures assessment process. Acceptable for credit: UC/CSU

Advanced level of reading and writing: Critical thinking skills, critical and analytical reading of college level texts, and writing research and other academic papers. 4930.87

AA/AS areas 4a, 4d

ESL 52B, 6 Units

Advanced Reading and Writing

6 hours lecture (GR or P/INP). Prerequisites: ESL 52A or placement through multiple-measures assessment process. Acceptable for credit: UC/CSU

Continuation of advanced level of reading and writing: Critical thinking skills, critical and analytical reading of college level texts, and writing research and other academic papers. 4930.87

AA/AS areas 4a, 4d

ESL 205A, 3 Units

Vocabulary and Idioms in Context 3

3 hours lecture (GR or P/INP). Prerequisite: Appropriate placement through multiple-measures assessment process.

Intermediate level of vocabulary: Study of words and idioms as used in context. 4930.87

ESL 205B, 3 Units

Vocabulary and Word Analysis in Context 4

3 hours lecture (GR or P/INP). Prerequisite: ESL 205A or appropriate placement through multiple-measures assessment process.

High intermediate/low advanced level of vocabulary and content: Focus on vocabulary useful in academic courses; analysis of word derivations. 4930.87

ESL 216A, 4 Units

High Intermediate Grammar

4 hours lecture (GR or P/INP). Prerequisites: ESL 202A or 215B, or placement through multiple-measures assessment process.

High intermediate level of English grammar: Further study of complex grammar structures and sentence patterns. 4930.87

ESL 216B, 4 Units

High Intermediate Grammar

4 hours lecture (GR or P/INP). Prerequisites: ESL 216A or placement through multiple-measures assessment process.

Continuation of high intermediate level of English grammar: Further study of complex grammar structures and sentence patterns. 4930.87

ESL 217A, 4 Units

Advanced Grammar

4 hours lecture (GR or P/INP). Prerequisites: ESL 202B, 216B or placement through multiple-measures assessment process.

Advanced level of English grammar: Expanding, refining, and applying the complex grammar skills used in academic writing, reading, listening, and speaking. 4930.87

ESL 217B, 4 Units

Advanced Grammar

4 hours lecture (GR or P/INP). Prerequisite: ESL 217A or placement through multiple-measures assessment process.

Continuation of advanced level of English grammar: Expanding, refining, and applying the complex grammar skills used in academic writing, reading, listening, and speaking. 4930.87

ESL 218A, 1.5 Units

ESL Writing Workshop

1.25 hours lecture, 1.25 hours laboratory (GR or P/INP).

Individualized instruction in writing: Emphasis on pre-writing, thesis control, and essay organization. 4930.84

ESL 218B, 1.5 Units

ESL Writing Workshop

1.25 hours lecture, 1.25 hours laboratory (GR or P/INP). Recommended preparation: ESL 218A.

Individualized instruction in writing: Emphasis on essay organization and idea development. 4930.84

Course Announcements

ESL 218C, 1.5 Units

ESL Writing Workshop

*1.25 hours lecture, 1.25 hours laboratory (GR or P/NP).
Recommended preparation: ESL 218B.*

Individualized instruction in writing; Emphasis on sentence structure and mechanics. 4930.84

ESL 218D, 1.5 Units

ESL Writing Workshop

*1.25 hours lecture, 1.25 hours laboratory (GR or P/NP).
Recommended preparation: ESL 218C.*

Individualized instruction in writing; Emphasis on editing and proofreading strategies. 4930.84

ESL 219A, 4 Units

Applied Grammar and Editing

4 hours lecture (GR or P/NP). Prerequisites: ESL 217B or placement through multiple-measures assessment process.

Grammar, editing and proofreading practice for advanced ESL writers: Review and clarification of troublesome grammar points, and practice in writing, editing, and proofreading. 4930.84

ESL 219B, 4 Units

Applied Grammar and Editing

4 hours lecture (GR or P/NP). Prerequisites: ESL 219A or placement through multiple-measures assessment process.

Continuation of grammar, editing and proofreading practice for advanced ESL writers: Review and clarification of troublesome grammar points, and practice in writing, editing and proofreading. 4930.84

ESL 220A, 1.5 Units

High Intermediate ESL Listening and Speaking Workshop

1.25 hours lecture 1.25 hours laboratory (GR or P/NP).

Individualized instruction for non-native English speakers in listening and speaking. Students may use a variety of print and multimedia resources, as well as materials recommended by the ESL lab or classroom instructor. 4930.86

ESL 220B, 1.5 Units

High Intermediate ESL Grammar Workshop

1.25 hours lecture 1.25 hours laboratory (GR or P/NP).

Individualized instruction for non-native English speakers in grammar. Students may use a variety of print and multimedia resources, as well as materials recommended by the ESL lab or classroom instructor. 4930.87

ESL 220C, 1.5 Units

Advanced ESL Listening and Speaking Workshop

1.25 hours lecture 1.25 hours laboratory (GR or P/NP).

Individualized instruction for non-native English speakers in listening and speaking. Students may use a variety of print and multimedia resources, as well as materials recommended by the ESL lab or classroom instructor. 4930.86

ESL 220D, 1.5 Units

Advanced ESL Grammar Workshop

1.25 hours lecture 1.25 hours laboratory (GR or P/NP).

Individualized instruction for non-native English speakers in grammar. Students may use a variety of print and multimedia resources, as well as materials recommended by the ESL lab or classroom instructor. 4930.87

ESL 222A, 6 Units

Intermediate Reading and Writing

6 hours lecture (GR or P/NP). Prerequisites: ESL 285B or placement by Peralta multiple assessment.

Intermediate level of reading and writing: Academic vocabulary and critical thinking skills using intermediate-level ESL reading materials; expanding paragraphs into simple narratives and essays 4930.87

ESL 222B, 6 Units

Intermediate Reading and Writing

6 hours lecture (GR or P/NP). Prerequisites: ESL 222A or placement by Peralta multiple assessment.

Continuation of intermediate level of reading and writing: Academic vocabulary and critical thinking skills using intermediate-level ESL reading materials; expanding paragraphs into simple narratives and essays 4930.87

Course Announcements

ESL 223A, 6 Units

High Intermediate Reading and Writing

6 hours lecture (GR or P/INP). Prerequisites: ESL 222B or placement through multiple-measures assessment process.

High intermediate level of reading and writing: Critical readings of essays, short academic texts, short stories, and/or a novel; writing well-developed essays and compositions. 4930.87

ESL 223B, 6 Units

High Intermediate Reading and Writing

6 hours lecture (GR or P/INP). Prerequisites: ESL 223A or placement through multiple-measures assessment process.

Continuation of high intermediate level of reading and writing: Critical readings of essays, short academic texts, short stories, and/or a novel; writing well-developed essays and compositions. 4930.87

ESL 230A, 2 Units

English for the U.S. Workplace

2 hours lecture (GR or P/INP).

Listening, speaking, reading, and writing skills for business and practical applications: Preparation of non-native speakers for career opportunities by focusing on vocabulary, language strategies, and cultural conventions needed to obtain a job and perform effectively in the U.S. workplace. 4930.84

ESL 230B, 2 Units

English through Topics in Business

2 hours lecture (GR or P/INP).

Listening, speaking, reading, and writing skills for business and practical applications: Preparation of non-native speakers for career and transfer opportunities by focusing on vocabulary, language strategies, and cultural conventions needed to succeed in transfer-level business and economics classes. 4930.84

ESL 231A, 2 Units

English through Topics in U.S. History and Government

2 hours lecture (GR or P/INP).

Vocabulary, discussion, listening, speaking, reading and

writing skills through the study of U.S. History and Government. 4930.84

ESL 231B, 2 Units

English through Topics in U.S. Culture

2 hours lecture (GR or P/INP).

Vocabulary, discussion, listening, speaking, reading and writing skills through the study of U.S. culture. 4930.84

ESL 233A, 4 Units

High Intermediate Listening and Speaking

4 hours lecture (GR or P/INP). Prerequisites: ESL 232B or placement through multiple-measures assessment process.

High intermediate level listening and speaking: Improving fluency and accuracy in American English through listening comprehension, grammar, vocabulary, idioms, pronunciation, and presentation skills. 4930.86

ESL 233B, 4 Units

High Intermediate Listening and Speaking

4 hours lecture (GR or P/INP). Prerequisites: ESL 233A or placement through multiple-measures assessment process.

Continuation of high intermediate level listening and speaking: Improving fluency and accuracy in American English through listening comprehension, grammar, vocabulary, idioms, pronunciation, and presentation skills. 4930.86

ESL 257A, 3 Units

Pronunciation 3

3 hours lecture (GR or P/INP). Recommended preparation: ESL 256 or appropriate placement through multiple-measures assessment process. Non-degree applicable.

Beginning level pronunciation of American English: Improvement in pronunciation, intonation, and fluency in English for speakers of ESL with practice in the use of standard conversational expressions and styles. 4930.86

ESL 257B, 3 Units

Pronunciation 4

3 hours lecture (GR or P/INP). Recommended preparation: ESL 257A or appropriate placement through multiple-measures assessment process. Non-degree applicable.

Continuation of ESL 257A: Improvement in

Course Announcements

pronunciation, intonation, and fluency in English for speakers of ESL with practice in the use of standard conversational expressions and styles. 4930.86

Ethnic Studies

ETHST 1, 3 Units

Introduction to Ethnic Studies

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Survey of the American experience of ethnic and racial relations: Exploration of American history and contemporary issues facing minority groups in the United States. Emphasis on Native, African, Mexican, and Asian American cultural experiences. 2203.00

AA/AS area 2, 5; CSU GE area D;
IGETC area 4

ETHST 2, 3 Units

Theoretical Approaches to Critical Ethnic Studies

3 hours lecture (GR or P/NP). Acceptable for credit: CSU

Historical and contemporary theories in critical Ethnic Studies: Approaches and developments regarding race and ethnicity in a comparative context; nationalism; intersectionality; positionality; decolonialism; Black feminist thought/Women-of-Color feminism; social change; indigeneity; and other themes within the US and around the world. 2203.00

AA/AS area 2, 5; CSU area D3

French

FREN 1A, 5 Units

Elementary French

5 hours lecture (GR or P/NP). Course is equivalent to two years of high school French. Acceptable for credit: UC/CSU

Study and practice in speaking, understanding, reading and writing French: Emphasis on understanding basic grammatical concepts. 1102.00

AA/AS area 3; CSU area C2;
IGETC area Language

FREN 1B, 5 Units

Elementary French

5 hours lecture (GR or P/NP). Prerequisite: FREN 1A. Acceptable for credit: UC/CSU

Continuation of FREN 1A: Proficiency in the areas of listening, speaking, reading, writing, and cultural knowledge; emphasis on basic vocabulary and basic grammatical concepts. 1102.00

AA/AS area 3; CSU area C2;
IGETC area 3B and Language

FREN 48UA-ZZ, .5-5 Units

Selected Topics in French

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics. 1102.00

FREN 248UA-ZZ, .5-5 Units

Selected Topics in French

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 1102.00

Geography

GEOG 1, 3 Units

Physical Geography

3 hours lecture (GR). Acceptable for credit: UC/CSU

Basic elements of the earth's physical systems and processes: Earth-sun relations, weather, climate, water, plate tectonics, landforms, soils, and ecosystems and their interrelationships and global distribution patterns. 2206.00

AA/AS area 1; CSU area B1;
IGETC area 5A;
(C-ID GEOG 110)

Course Announcements

GEOG 1L, 1 Unit

Physical Geography Laboratory

3 hours laboratory (GR or P/NP). Prerequisite or corequisite: GEOG 1. Acceptable for credit: UC/CSU

Practical application of basic concepts and principles of physical geography: Earth-sun relationships, weather, climate, geologic processes, landforms, and field observation. 2206.00

CSU area B3 (with GEOG 1 satisfies lab requirement); IGETC area 5C (with GEOG 1 satisfies lab requirement); (C-ID GEOG 111)

GEOG 2, 3 Units

Cultural Geography

3 hours lecture (GR). Acceptable for credit: UC/CSU

Basic elements of cultural geography: Interrelationship of people and the land, including study of populations, cultural origins, migration, language and religion, ethnicity, systems of agriculture, urbanization, political units, economic organization, and resource exploitation. 2206.00

AA/AS area 2; CSU area D; IGETC area 4

GEOG 3, 3 Units

World Regional Geography

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Introduction to the world's major geographic regions: Interconnections between regions, cultural and economic development, political organization, land uses, and the environment. 2206.00

AA/AS area 2; CSU area D; IGETC area 4; (C-ID GEOG 125)

GEOG 18, 3 Units

California Geography

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

The forces, processes, and systems that shape the geography of California: Landforms, natural vegetation, forestry and fishing, mineral and water resources, cultural landscapes, agriculture, demographic changes, ethnic diversity, urban growth, regional differences, economic

development and its national impact; natural hazards such as earthquakes and volcanism, floods, landslides and wildfires; climate and effects of climate change. 2206.00

AA/AS areas 1, 2; CSU B1, D (C-ID GEOG 140)

GEOG 19, 3 Units

Global Climate Change

3 hours lecture (GR or P/NP). Not open for credit to students who have completed PHYSC 25. Acceptable for credit: UC/CSU

Overview of past, present, and future climate change: Analysis of climatological events and latest research discoveries; emphasis on the role humans play in warming the planet. 2206.00

AA/AS area 1; CSU B1; IGETC 5A

GEOG 48UA-ZZ, .5-5 Units

Selected Topics in Geography

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics. 2206.00

GEOG 248UA-ZZ, .5-5 Units

Selected Topics in Geography

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 2206.00

Geology

GEOL 10, 3 Units

Introduction to Geology

3 hours lecture (GR or P/NP). Not open for credit to students who have completed or are currently enrolled in GEOL 1. Acceptable for credit: UC/CSU

Survey of the structure and materials that compose the earth's surface and geologic processes responsible for shaping the earth: Nature and role of rocks and minerals; environmental processes and problems; dynamics of volcanism, earthquakes, plate tectonics, metamorphism, running water, ground water, glaciation, weathering and erosion.

1914.00

*AA/AS area 1; CSU area B1;
IGETC area 5A; (C-ID GEOL 120)*

GEOL 10L, 1 Unit

Introduction to Geology Lab

3 hours laboratory (GR). Prerequisite or Corequisite: GEOL 10. Acceptable for credit: UC/CSU

The laboratory component of Geology 10: Exercises on plate tectonics, analysis and identification of rocks and minerals, metamorphism, geologic structures, topographic and geologic maps, landscape development, seismology, hydrology, geological oceanography, geologic time, earth history, energy, and climate change.

1914.00

CSU area B3 (with GEOL 10 satisfies lab requirement); IGETC area 5C (with GEOL 10 satisfies lab requirement); (C-ID GEOL 120L)

GEOL 48UA-ZZ, .5-5 Units

Selected Topics in Geology

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics.

1914.00

Health Education

HLTED 1, 3 Units

Exploring Health Issues

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Examination of current problems related to individual and community health: Sexual behavior, birth control, sexually-transmitted diseases, drugs, consumerism, environment, psychosomatic health, nutrition, physical fitness, and preventive medicine.

0837.00

AA/AS area 2; CSU area E

History

HIST 1, 3 Units

American Indian History and Culture

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Survey of American Indians: Traditional ways of life and history both before and after contact with Europeans; current trends in American Indian socio-economic and cultural development.

2205.00

*AA/AS area 2, 5; CSU area D;
IGETC area 4*

HIST 2A, 3 Units

History of European Civilization

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

History of Western civilization to 1660: Prehistoric, Ancient, Medieval, and Renaissance periods to 1660.

2205.00

*AA/AS area 2; CSU area D;
IGETC area 4; (C-ID HIST 170)*

Course Announcements

HIST 2B, 3 Units

History of European Civilization

3 hours lecture (GR or P/INP). HIST 2A is not a prerequisite for HIST 2B. Acceptable for credit: UC/CSU

History of Western civilization since 1660: Rise of nations, revolutionary eras, European expansion and decline; Europe and its impact on the world; emphasis on ideas and institutions rather than national histories.

2205.00

*AA/AS area 2; CSU area D;
IGETC area 4; (C-ID HIST 180)*

HIST 3A, 3 Units

World History to 1500

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Survey of the development of world civilizations to 1500.

2205.00

*AA/AS area 2; CSU area D;
IGETC area 4; (C-ID HIST 150)*

HIST 3B, 3 Units

Modern World History: 1500-Present

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Survey of world history since 1500: Developments of the modern world as shaped by social, religious, economic, political, philosophical, and historical forces.

2205.00

*AA/AS area 2; CSU area D;
IGETC, area 4; (C-ID HIST 160)*

HIST 7A, 3 Units

History of the United States to 1877

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

History of the United States from colonial days to Reconstruction (1877): Survey and interpretation of political, social, and economic factors contributing to the growth of the nation.

2205.00

*AA/AS area 2; CSU area D;
IGETC area 4;
CSU American Institutions, Group 1;
(C-ID HIST 130)*

HIST 7B, 3 Units

History of the United States Since 1865

3 hours lecture (GR or P/INP). HIST 7A is not prerequisite to HIST 7B. Not open for credit to students who have completed or are concurrently enrolled in HIST 15. Acceptable for credit: UC/CSU

History of the United States from the end of the Civil War to the present: Survey and interpretation of political, social, and economic factors contributing to the growth of the nation.

2205.00

*AA/AS area 2; CSU area D;
IGETC area 4;
CSU American Institutions, Group 1;
UCB American Cultures (C-ID HIST 140)*

HIST 8B, 3 Units

History of Latin-American Civilization

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

History of Latin America during the nineteenth and twentieth centuries: Changing patterns of political, social, and cultural life.

2205.00

*AA/AS area 2; CSU area D;
IGETC area 4*

HIST 19, 3 Units

History of California

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

California's multi-ethnic history from the pre-Spanish period to the present: Emphasis on the social and ethnic diversity of past and present California.

2205.00

*AA/AS area 2, 5; CSU area D;
IGETC area 4; UCB American Cultures*

HIST 21, 3 Units

U.S. Women: A Social History

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Survey of the role and contributions of women to the development of U.S. society from colonial times to the present: Examination of U.S. women as social activists in their own and other movements.

2205.00

*AA/AS area 2; CSU area D;
IGETC area 4; UCB American Cultures*

Course Announcements

HIST 31, 3 Units **Contemporary Middle East:** **Politics of Nationalism**

3 hours lecture (GR or P/INP). Not open for credit to students who have completed POSCI 12. Acceptable for credit: UC/CSU

Survey of economic, political, and social forces behind current Middle East tensions: Examination of key current conflicts in the Middle East; analysis of the role of oil, religious and national antagonisms; and the geopolitical importance of the region in twentieth-century superpower policy. 2205.00

*AA/AS area 2; CSU area D;
IGETC area 4*

HIST 32, 3 Units **The United States since 1945**

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Recent history of the United States: Social and political developments and the changing role of the United States in modern world relations. 2205.00

AA/AS area 2; CSU area D; IGETC area 4

HIST 33, 3 Units **History of Native American** **Thought and Literature**

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Historical survey of thought and literature of North American Indians: Origin stories, spiritual perspectives, treaty writings, memoirs, novels, children's literature, essays, and contemporary political treatises. 2205.00

*AA/AS area 2, 3, 4d, 5;
CSU areas C2, D; IGETC area 3B*

HIST 48UA-ZZ, .5-5 Units **Selected Topics in History**

0-5 hours lecture, 0-15 hours laboratory (GR or P/INP). Acceptable for credit: CSU

See section on Selected Topics. 2205.00

HIST 49, .5-5 Units **Independent Study in History**

.5-5 hours lecture (GR or P/INP). Acceptable for credit: CSU

See section on Independent Study. 2205.00

HIST 248UA-ZZ, .5-5 Units **Selected Topics in History**

0-5 hours lecture, 0-15 hours laboratory (GR or P/INP).

See section on Selected Topics. 2205.00

Humanities

HUMAN 1, 3 Units **Introduction to Humanities**

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Humanities seen through various forms of expression: The arts and society, such as dance, painting, music, sculpture, and mythology; theory and practice in artistic creation to stimulate personal awareness. 1599.00

*AA/AS area 3; CSU area C2;
IGETC area 3B*

HUMAN 5, 3 Units **Storytelling in American Culture**

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Storytelling among different ethnic groups within the United States: Origin myths, multicultural histories, family lore, heroic epics, trickster tales, traumatic experiences, slave narratives, immigrant testimonies, war memorials, celebrity biographies, urban legends, animated fairy-tales, science fiction films, game worlds, and emergent narrative forms. 4903.00

*AA/AS area 3; CSU area C2;
IGETC area 3B*

Course Announcements

HUMAN 15, 3 Units

Popular Culture

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Meaning and impact of American popular culture in the twentieth century: The cultural evolution of consumerism, amusement, leisure, media, and entertainment industries. 1599.00

*AA/AS area 2, 3; CSU area C2
IGETC area 3B*

HUMAN 21, 3 Units

Film: Art and Communication

3 hours lecture (GR). Acceptable for credit: UC/CSU

Analysis of history and aesthetics of film from its inception in the late 19th century to the present: Language of film, factual films vs. fictional films, effect of films on contemporary society. 4903.00

*AA/AS area 3; CSU area C1;
IGETC area 3A*

HUMAN 26, 4 Units

Global Cinema

3 hours lecture, 3 hours laboratory (GR or P/INP). Acceptable for credit: UC/CSU

Global cinema analyzed through historical, political, commercial, cultural, and artistic perspectives: Screenings and interpretation of representative films from a variety of national film traditions outside of the United States, including films from Iran, India, Italy, France, Russia, Japan, China, Brazil, and Argentina. 1599.00

*AA/AS area 3; CSU area C1;
IGETC area 3A*

HUMAN 30A, 3 Units

Human Values/Ethics

3 hours lecture (GR or P/INP). Also offered as PHIL 31A. Not open for credit to students who have completed or are currently enrolled in PHIL 31A. Acceptable for credit: UC/CSU

Analysis of concepts of good and right in our society and of criteria of conduct: Various religious, philosophic,

scientific, and aesthetic aspects of moral behavior integrated with reason and emotion of the individual.

1599.00

*AA/AS area 3; CSU area C2;
IGETC area 3B; (C-ID PHIL 120)*

HUMAN 30B, 3 Units

Human Values/Aesthetics

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Analysis of the nature of the beautiful as expressed in visual arts, music, and literature of Western and other cultures: Integration of various aspects of daily and transitory activities of the individual to permanent, recorded expressions of the human spirit through the use of major works of art. 1599.00

*AA/AS area 3; CSU area C2;
IGETC area 3B*

HUMAN 40, 3 Units

Religions of the World

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Comparative study of the world's great religions: Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity, and Islam; original sources stressed.

1599.00

*AA/AS area 3; CSU area C2;
IGETC area 3B*

HUMAN 48UA-ZZ, .5-5 Units

Selected Topics in Humanities

0-5 hours lecture, 0-15 hours laboratory (GR or P/INP). Acceptable for credit: CSU

See section on Selected Topics.

1599.00

HUMAN 49, .5-5 Units

Independent Study in Humanities

0-5 hours lecture (GR or P/INP). Acceptable for credit: CSU

See section on Independent Study.

1599.00

Course Announcements

HUMAN 52, 4 Units **Women and Cinema**

4 hours lecture (GR or P/NP). Recommended preparation: HUMAN 21 or an introduction to Film Studies course. Also offered as WS 52. Not open for credit to students who have completed or are currently enrolled in WS 52. Acceptable for credit: UC/CSU

Analysis of women in cinema and of feminist and queer film criticism: Feminist film theory, criticism, and history; women as readers of film; women's independent film; women's often conflicted relationship with film representations; and the role of sexuality and gender in film viewing and representation. 1599.00

*AA/AS area 3; CSU area C1;
IGETC area 3A*

HUMAN 53, 4 Units **Comparative Film Genres**

4 hours lecture (GR or P/NP). Recommended preparation: HUMAN 21 or an introduction to Film Studies course. Acceptable for credit: UC/CSU

Survey of film genres selected from two to four of the following: Film noir, action, comedy, romance, western, musical, horror, documentary, gangster, and others. 1599.00

*AA/AS area 3; CSU area C1;
IGETC area 3A*

HUMAN 55, 4 Units **The Representation of Immigration in Cinema and Television**

4 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU
Survey of immigration and cinema: Divergent ways immigrants and immigration have been represented in U.S. cinema and television, historical and contemporary examples in relation to the history of U.S. immigration policies, and public debate about immigration. Focus is on the U.S., but other cinematic narratives of immigration may be studied for purposes of comparison. 1599.00

*AA/AS area 3; CSU area C2, D;
IGETC area 3B, 4*

HUMAN 57, 4 Units **Film Directors and Artists**

4 hours lecture (GR or P/NP). Recommended Preparation: HUMAN 21. Acceptable for credit: UC/CSU

Concentrated and comparative investigation of influential film directors and artists: Examination of signature themes, visual styles, and historical connections among different film authors. 1599.00

*AA/AS area 3;
CSU GE area C1; IGETC area 3B*

HUMAN 182, 3 Units **Introduction to Visual Culture**

3 hours lecture (GR or P/NP). Also offered as ART 182. Not open for credit to students who have completed or are currently enrolled in ART 182. Acceptable for credit: UC/CSU

Introduction to the function of visual languages from "high" art to TV, movies, and popular culture: Key concepts such as power, identity, ideology, gender, race, class, globalism, desire, consumerism and their impact on the production and understanding of the visual; role of the viewer in the ongoing and co-creative establishment of meaning. 1599.00

*AA/AS areas 2 and 3;
CSU area C1, C2; IGETC area 3A, 3B*

Human Services

HUSV 48UA-ZZ, .5-5 Units **Selected Topics in Human Services**

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics. 2104.00

HUSV 117, 3 Units **Introduction to Behavioral Health**

3 hours lecture (GR or P/NP). Acceptable for credit: CSU

Survey of behavioral health in the applied social sciences: Concepts and theories, evidence-based health behavior strategies, program development, and planning. 2104.00

AA/AS area 2

Course Announcements

HUSV 118, 3 Units

Introduction to Social Work and Human Services

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Overview of social welfare movements and the societal institutions in the United States: Historical perspectives of social work and human services, contemporary delivery systems and effective social and human services workers within those settings. 2104.00

AA/AS area 2; CSU area D

HUSV 119, 3 Units

Fieldwork: Social Work and Human Services

3 hours lecture (GR or P/NP). Prerequisite: HUSV 118. Acceptable for credit: CSU.

Supervised field training in a community organization, agency, or institution: Workplace skills within social work and human services employment. 2104.00

HUSV 248UA-ZZ, .5-5 Units

Selected Topics in Human Services

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 2104.00

LRNRE 220, 2 Units

Introduction to Team Self-Management

2 hours lecture (GR or P/NP). Recommended preparation LRNRE 221.

Introduction to team self-management and leadership: Team development, communication, listening skills, dynamic leadership, self-assessment, and working styles. 4930.72

LRNRE 221, 2 Units

Leadership and Team Management Skills

2 hours lecture (GR or P/NP). Corequisite: LRNRE 220, 222, and 223

Leadership and team management: Analysis of personal goals and goal setting; behavioral factors in success; scenario planning methodologies; assessment of leadership styles, behaviors, and skills. 4930.72

LRNRE 222, 3 Units

Introduction to Social Justice Issues

3 hours lecture (GR or P/NP). Corequisite: LRNRE 220, 221, and 223

Current issues in social justice: Identification and analysis of community problems, implementation of work plans for research projects, and implementation of action plans for proposed solutions. 4999.00

AA/AS area 2

Learning Resources

LRNRE 48UA-ZZ, .5-5 Units

Selected Topics in Learning Resources

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics. 4930.00

LRNRE 248UA-ZZ, .5-5 Units

Selected Topics in Learning Resources

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 4930.00

LRNRE 100, 1 Unit

Team Building and Academic Communication Skills

1 hour lecture (P/NP). Acceptable for credit: CSU

Team Building and Academic Communication: Learning and working styles, academic communication skills. 4930.12

Library Information Studies

LIS 48UA-ZZ, .5-5 Units

Selected Topics

in Library Information Studies

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics. 1699.00

LIS 80, 1 Unit

Introduction to Information Resources

1 hour lecture (GR or P/NP). Recommended preparation: Students must be able to communicate in written English. Students must be able to navigate the Internet and communicate via e-mail. Recommended Preparation: BUS 219, or CIS 205, or 237, and ENGL 201A or 204A or 264B. Acceptable for credit: UC/CSU

Basic research skills: Introduction to concepts and skills necessary to conduct college-level research using electronic databases, book catalogs, and the Internet. Concurrent enrollment in a course with a research assignment is recommended.

1699.00

AA/AS area 4c

LIS 85, 2 Units

Introduction to Information Resources

2 hours lecture (GR or P/NP). Recommended Preparation: BUS 219 or CIS 1, 200, or 205 and ENGL 201A, or 264A, or appropriate placement through multiple measures assessment process. Acceptable for credit: UC/CSU

Introduction to the basic concepts and tools used in information research: Emphasis on how to develop a research topic, find, locate, evaluate and use information; search strategies for print and online resources including reference books, catalogs, indexes, specialized databases and the Internet.

1699.00

AA/AS area 4c

LIS 248UA-ZZ, .5-5 Units

Selected Topics

in Library Information Studies

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics.

1699.00

Mathematics

MATH 1, 4 Units

Pre-Calculus

4 hours lecture (GR). Prerequisite: MATH 203 or 211D. Not open for credit to students who have completed or are currently enrolled in MATH 3A-3B or [4A-4B-4C]. Acceptable for credit: UC/CSU

Preparation for the calculus sequence or other courses requiring a sound algebraic background: Inequalities, theory of equations, sequences and series, matrices, functions and relations, and logarithmic and exponential functions; function concept used as a unifying notion.

1701.00

AA/AS area 4b; CSU area B4;

IGETC area 2

MATH 2, 5 Units

Pre-calculus with Analytic Geometry

5 hours lecture (GR). Prerequisite: MATH 50. Acceptable for credit: UC/CSU

Advanced algebra and analytic geometry: Linear, quadratic, polynomial, rational, exponential, logarithmic, and inverse functions; determinants, matrices and linear systems; zeros of polynomials, arithmetic and geometric sequences, mathematical induction; permutations and combinations, binomial theorem; vectors, conic sections, translation and rotation of axes, polar coordinates, lines and surfaces in space, and quadric surfaces.

1701.00

AA/AS area 4b; CSU area B4;

IGETC area 2

Course Announcements

MATH 3A, 5 Units **Calculus I**

5 hours lecture (GR). Prerequisite: MATH 2 or 1, and 50.
Acceptable for credit: UC/CSU

Theorems on limits and continuous functions, derivatives, differentials, and applications: Fundamental theorems of calculus and applications; properties of exponential, logarithmic, and inverse trigonometric functions, and hyperbolic functions. 1701.00

AA/AS area 4b; CSU area B4;
IGETC area 2; (C-ID MATH 210)

MATH 3B, 5 Units **Calculus II**

5 hours lecture (GR). Prerequisite: MATH 3A. Acceptable for credit: UC/CSU

Applications of the definite integral: Methods of integration, polar coordinates, parametric equations, infinite and power series. 1701.00

AA/AS area 4b; CSU area B4;
IGETC area 2; (C-ID MATH 220)

MATH 3C, 5 Units **Calculus III**

5 hours lecture (GR). Prerequisite: MATH 3B. Acceptable for credit: UC/CSU

Partial differentiation: Jacobians, transformations, multiple integrals, theorems of Green and Stokes, differential forms, vectors and vector functions, geometric coordinates, and vector calculus. 1701.00

AA/AS area 4b; CSU area B4;
IGETC area 2; (C-ID MATH 230)

MATH 3E, 3 Units **Linear Algebra**

3 hours lecture (GR). Prerequisite: MATH 3A. MATH 3E and 3F are equivalent to MATH 3D. Not open for credit to students who have completed or are currently enrolled in MATH 3D. Acceptable for credit: UC/CSU

Linear algebra: Gaussian and Gauss-Jordan elimination, matrices, determinants, vectors in R^2 and R^3 , real and complex vector spaces, inner product spaces,

linear transformations, eigenvalues, eigenvectors, and applications. 1701.00

AA/AS area 4b; CSU area B4;
IGETC area 2; (C-ID MATH 250)

MATH 3F, 3 Units **Differential Equations**

3 hours lecture (GR). Prerequisite: MATH 3B and 3E. Recommended Preparation: MATH 3C. Math 3E and 3F are equivalent to MATH 3D. Not open for credit to students who have completed or are currently enrolled in MATH 3D. Acceptable for credit: UC/CSU

Ordinary differential equations: First-order, second-order, and higher-order equations; separable and exact equations, series solutions, Laplace transformations, systems of differential equations. 1701.00

AA/AS area 4b; CSU area B4;
IGETC area 2; (C-ID MATH 240)

MATH 13, 4 Units **Introduction to Statistics**

4 hours lecture (GR). Prerequisite: MATH 203, 206, or 211D. Acceptable for credit: UC/CSU

Introduction to theory and practice of statistics: Collecting data: Sampling, observational and experimental studies. Organizing data: Univariate and bivariate tables and graphs, histograms. Describing data: Measures of location, spread, and correlation. Theory: Probability, random variables; binomial and normal distributions. Drawing conclusions from data: Confidence intervals, hypothesis testing, z-tests, t-tests, and chi-square tests; one-way analysis of variance. Regression and non-parametric methods. 1701.00

AA/AS area 4b; CSU area B4;
IGETC area 2; (C-ID MATH110)

MATH 16A, 3 Units **Calculus for Business and Life/Social Sciences**

3 hours lecture (GR). Prerequisite: MATH 1 or 2. Acceptable for credit: UC/CSU

Introduction to analytic geometry and differential and

Course Announcements

integral calculus of algebraic functions with particular attention paid to simple applications. 1701.00

*AA/AS area 4b; CSU area B4;
IGETC area 2; (C-ID MATH 140)*

MATH 16B, 3 Units

Calculus for Business and Life/Social Sciences

*3 hours lecture (GR). Prerequisite: MATH 3A or 16A.
Acceptable for credit: UC/CSU*

Continuation of differential and integral calculus: Transcendental functions, methods of integration, partial differentiation, and multiple integration with particular attention to applications. 1701.00

*AA/AS area 4b; CSU area B4;
IGETC area 2*

MATH 18, 3 Units

Real Number Systems

*3 hours lecture (GR). Prerequisite: MATH 203 or 211D.
Acceptable for credit: UC/CSU*

Structure, properties and operations of the real number system: Introduction to set theory, logic and deductive reasoning; Introduction to probability, statistics and inductive reasoning; Review of geometry in two and three dimensions (British and metric measure, perimeter, area, volume, characteristics of basic plane and solid figures). Survey course intended primarily for education majors planning to teach in the primary grades. 1701.00

AA/AS area 4b; CSU area B4

MATH 48UA-ZZ, .5-5 Units

Selected Topics in Mathematics

*0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).
Acceptable for credit: CSU*

See section on Selected Topics. 1701.00

MATH 49, .5-5 Units

Independent Study in Mathematics

.5-5 hours lecture (GR or P/NP). Acceptable for credit: CSU

See section on Independent Study. 1701.00

MATH 50, 3 Units

Trigonometry

3 hours lecture (GR). Prerequisite: MATH 202, and 203 or 211D. Not open for credit to students who have completed or are currently enrolled in MATH 52ABC. Acceptable for credit: CSU

Introduction to functional trigonometry: Basic definitions, identities, graphs, inverse functions, trigonometric equations and applications, solution of triangles and applications, polar coordinates, complex numbers, and De Moivre's Theorem. 1701.00

AA/AS area 4b; CSU area B4

MATH 201, 4 Units

Elementary Algebra

5 hours lecture (GR). Prerequisite: MATH 225, 250, 253 or appropriate placement through multiple-measures assessment process. Not open for credit to students who have completed or are currently enrolled in MATH 210ABCD.

Basic algebraic operations: Linear equations and inequalities, relations and functions, factoring quadratic polynomials, solving quadratic equations, fractions, radicals and exponents, word problems, graphing, and number systems. 1701.00

MATH 202, 3 Units

Geometry

3 hours lecture (GR). Prerequisite: MATH 201 or 210D or appropriate placement through multiple-measures assessment process.

Introduction to plane geometry emphasizing mathematical logic and proofs: Geometric constructions, congruent triangles, parallel lines and parallelograms, proportions, similar triangles, circles, polygons, and area. 1701.00

AA/AS area 4b

Course Announcements

MATH 203, 4 Units **Intermediate Algebra**

5 hours lecture (GR). Prerequisite: MATH 201 or 210D or appropriate placement through multiple-measures assessment process. Recommended preparation: MATH 202. Not open for credit to students who have completed or are currently enrolled in MATH 211ABCD.

Intermediate algebraic operations: Real number properties and operations; solutions and graphs of linear equations in one and two variables; absolute value equations; advanced factoring; complex numbers; quadratic equations and systems of quadratic equations; conics; determinants; solutions and graphs of first-degree, quadratic, and rational inequalities; exponential and logarithmic functions; and sequences and series.

1701.00

AA/AS area 4b

MATH 206, 5 Units **Algebra for Statistics**

6 hours lecture (GR). Prerequisite: MATH 253 or appropriate placement through multiple-measures assessment process. Not recommended for science, technology, engineering, mathematics, nursing or business majors.

Integrated mathematics for statistics: Exploratory data analysis and principles of data collection and calculation; ratios, rates, and proportional reasoning; fractions, decimals and percents; evaluating expressions; analyzing algebraic expressions of statistical measures; modeling bivariate data with linear and exponential functions; graphical and numerical descriptive statistics for quantitative and categorical data.

1701.00

AA/AS area 4b

MATH 230, 6 Units **Elementary and Intermediate Algebra for Business or STEM majors**

6 hours lecture (GR). Prerequisites: MATH 225, 250, 253, or appropriate placement through the multiple measures assessment process.

A combined course in algebra: Systems of equations: inequalities, graphs and functions; radicals, quadratic polynomials, rational expressions; exponential and

logarithmic functions, and problem solving, with emphasis on knowledge skills appropriate for students pursuing a major in STEM (Science, Technology, Engineering, Mathematics) or Business.

1701.00

AA/AS area 4b

MATH 248UA-ZZ, .5-5 Units **Selected Topics in Mathematics**

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics.

1701.00

MATH 250, 3 Units **Arithmetic**

3 hours lecture (GR). Not open for credit for students who have completed or are currently enrolled in MATH 251ABCD. Non-degree applicable.

Refresher course in the fundamental processes of arithmetic: Whole numbers, fractions, decimals and percents; metric system introduced and incorporated throughout the arithmetic material.

1702.00

MATH 253, 3 Units **Pre-Algebra**

3 hours lecture (GR). Recommended preparation: MATH 250 or appropriate placement through multiple-measures assessment process. Non-degree applicable.

Fundamentals of pre-algebra: Properties of real numbers, factoring and multiples, ratio and proportion, signed numbers, linear equations and formulas, powers and roots, percents and averages, and English and metric measurements.

1701.00

Mexican and Latin-American Studies

M/LAT 30A, 3 Units

Survey of Latin-American Films

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Critical examination of historical and contemporary film images of Latinos/Americanos as a result of cultural encounters within the United States: Traditional and emerging objectives of film makers and producers; and common themes and cultural elements in films by and about Latinos in the United States. 2203.00

AA/AS area 3, 5; CSU area C2;
IGETC area 3B

M/LAT 30B, 3 Units

Survey of Latin-American Films

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Critical examination of cinema from throughout Latin America and Spain that relate to Latino cultural experiences: Emphasis on those films that educate viewers about Latino encounters with majority and minority cultures within Latin America. 2203.00

AA/AS area 3; CSU area C2;
IGETC area 3B

M/LAT 48UA-ZZ, .5-5 Units

Selected Topics in Mexican and Latin-American Studies

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics. 2203.04

Multimedia Arts

MMART 48UA-ZZ, .5-5 Units

Selected Topics in Multimedia Arts

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics. 0614.00

MMART 49, .5-5 Units

Independent Study in Multimedia Arts

0-5 hours lecture (GR or P/NP). Acceptable for credit: CSU

See section on Independent Study. 0614.00

MMART 109, 3 Units

Writing for the Business of Multimedia

3 hours lecture (GR or P/NP). Recommended preparation: MMART 130I/130L. Acceptable for credit: CSU

Development of written and electronic materials to pitch, propose and sell a multimedia project: Effective writing structure and style, portfolios, prospectus packets, grant writing, pitches, treatments, budgets, development of industry contacts. 0614.00

AA/AS area 4d

MMART 110, 3 Units

Scriptwriting and Storyboarding I

3 hours lecture (GR or P/NP). Acceptable for credit: CSU

Introduction to storytelling as an art: Pre-production planning for linear and interactive multimedia; development of treatments, scripts and storyboards; organization of drama through effective pacing and design. 0614.00

AA/AS area 4d

MMART 111A, 3 Units

Narrative Scriptwriting I

3 hours lecture (GR or P/NP). Recommended preparation: MMART 110. Acceptable for credit: CSU

Theory and practice of narrative scriptwriting with a dual focus on episodic scripts: Narrative structures in film and television: industry-accepted formatting; story development; cinematic language. 0614.00

Course Announcements

MMART 111B, 3 Units **Narrative Scriptwriting II**

3 hours lecture (GR or P/INP). Prerequisites: MMART 111A. Acceptable for credit: CSU

Advanced workshop in revising and completing a professional-level narrative script: Critique and discussion of individual student scripts; revision and review, professional screenplay and film analysis; dissection of complex narrative elements such as voice, character, pacing; agent and producer pitch and strategy sessions.

0614.00

MMART 113, 3 Units **Social Media Reporting**

3 hours lecture (GR or P/INP). Recommended preparation: MMART 164. Acceptable for credit: CSU

Introduction to multimedia storytelling with a journalism emphasis: Video, photos, audio, animation, and text to convey interactive news and feature stories through the internet and other electronic media; digital research, critical thinking, synthesis, narrative -based multimedia projects; history of multimedia and philosophical considerations of art, design and narrative.

0614.00

AA/AS area 4d

MMART 114, 2 Units **Data Design for Digital Media**

2 hours lecture, 1.5 hours laboratory (GR or P/INP). Corequisite: MMART 114L. Acceptable for credit: CSU

Data graphics basics: Overview of statistics, choices for charting data, digital input techniques and display methods for illustrating complex information; survey design, user experience, and the use of color, typography and narrative in creating compelling data visualizations.

0614.00

MMART 114L, 1 Unit **Data Design for Digital Media Lab**

4 hours laboratory (GR or P/INP). Corequisite: MMART 114. Acceptable for credit: CSU.

Practical training for development of multimedia skills presented in MMART 114.

0614.10

MMART 116, 3 Units **Storytelling in Animation**

3 hours lecture (GR or P/INP). Recommended preparation: MMART 110. Acceptable for credit: CSU

Animated project design using storytelling elements, improvisation and brainstorming; Developing effective characters, story arcs, primary and secondary action, pacing, and layout.

0614.40

MMART 117, 2 Units **Introduction to Desktop Publishing**

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Corequisite: MMART 117L. Not open for credit to students who have completed MMART 228C. Acceptable for credit: CSU.

Introduction to the use of page layout software: Basics of page layout, font selection and formatting, setting defaults, text and graphic placement, graphic scanning, and laser printing. This course utilizes industry standard software, such as InDesign.

0614.40

MMART 117L, 1 Unit **Introduction to Desktop Publishing Lab**

4 hours laboratory (GR or P/INP). Corequisite: MMART 117. Not open for credit to students who have completed MMART 228C. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 117.

0614.00

MMART 120, 3 Units **Media and Communications**

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Critical appreciation of media as expressive and communicational systems: Brief survey of the history of media as a communication tool and transmitter of culture; analysis of image, language, voice, gesture, music, technology, and interactive multimedia; individual, social, and global effects of interactive digital media.

0614.00

AA/AS area 4d

Course Announcements

MMART 122B, 3 Units **From Movies to Multimedia**

3 hours lecture (GR or P/NP). Recommended preparation: MMART 101. Acceptable for credit: UC/CSU

Analysis of film, animation, video, and other time-based multimedia art forms: Elements of linear and interactive structures; history, aesthetics, and cultural significance of the various forms; impact of digital technologies on production and reception of motion pictures; practices of analysis, interpretation, and criticism. 0614.00

*AA/AS area 3; CSU area CI;
IGETC area 3A*

MMART 123, 3 Units **The Documentary Tradition**

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

History and analysis of documentary film: Critical and historical approaches to non-fiction film form and content; objectivity and point of view; aesthetics and ethics and the evolving impacts of documentary films on American politics and new technology on the genre. 0614.00

*AA/AS area 3; CSU area CI;
IGETC area 3A*

MMART 129, 2 Units **Contemporary Color**

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 129L. Recommended Preparation: MMART 130/130L. Acceptable for credit: CSU

Fundamental elements of color: Application of subtractive color principles through art exercises using traditional pigments; application of additive color principles through art exercises using computer imaging software. 0614.00

MMART 129L, 1 Unit **Contemporary Color Lab**

4 hours laboratory (GR or P/NP). Corequisite: MMART 129. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 129. 0614.00

MMART 130, 2 Units **Introduction to Digital Art**

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 130L. Recommended preparation: ART 46. Acceptable for credit: UC/CSU

Introduction to fundamental concepts, practices, and theories of digital art production: Integration of traditional design, color, and compositional principles with contemporary digital tools such as scanned resources, vector drawing, bitmap painting, and rendering from 3-D models. 0614.60

*AA/AS area 4c;
(MMART 130+130L C-D ARTS 250)*

MMART 130L, 1 Unit **Introduction to Digital Art Lab**

4 hours laboratory (GR or P/NP). Corequisite: MMART 130. Recommended preparation: ART 46. Acceptable for credit: UC/CSU

Practical training for development of multimedia skills presented in MMART 130. 0614.60

*AA/AS area 4c
(MMART 130+130L C-D ARTS 250)*

MMART 131A, 2 Units **Photoshop I**

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 131LA. Recommended preparation: ART 46. Acceptable for credit: CSU

Introduction to basic image editing and digital illustration using a bitmap imaging program: Survey of elementary design principles used to create effective visual communication with emphasis on practical computer-based compositions. 0614.50

AA/AS area 4c

MMART 131LA, 1 Unit **Photoshop I Lab**

4 hours laboratory (GR or P/NP). Corequisite: MMART 131A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 131A. 0614.60

AA/AS area 4c

MMART 131B, 2 Units
Photoshop II

*1.5 hours lecture, 1.5 hours laboratory (GR or P/INP).
Corequisite: MMART 131LB. Recommended preparation:
MMART 131A/131LA. Acceptable for credit: CSU*

Advanced image editing and digital illustration using a bitmap imaging program: Survey of design principles used to create effective visual communication with emphasis on advanced computer-based compositions.

0614.60

AA/AS area 4c

MMART 131LB, 1 Unit
Photoshop II Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 131B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 131B.

0614.60

AA/AS area 4c

MMART 132A, 2 Units
Illustrator I

*1.5 hours lecture, 1.5 hours laboratory (GR or P/INP).
Corequisite: MMART 132LA. Recommended preparation:
ART 46, and MMART 130/130L. Acceptable for credit: CSU*

Introduction to basic image editing and digital illustration using a vector-based drawing program: Survey of elementary design principles used to create effective visual communication with emphasis on practical computer-based compositions.

0614.50

AA/AS area 4c

MMART 132LA, 1 Unit
Illustrator I Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 132A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 132A.

0614.60

AA/AS area 4c

MMART 132C, 2 Units
Painter II

*1.5 hours lecture, 1.5 hours laboratory (GR or P/INP).
Corequisite: MMART 132LC. Recommended Preparation:
MMART 132B/132LB. Acceptable for credit: CSU*

Introduction to basic drawing and painting principals using computer software that emulates traditional media: Oil, watercolor, chalk, charcoal, pen, and pencil.

0614.60
AA/AS area 4c

MMART 132LC, 1 Unit
Painter II Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 132C. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 132C.

0614.60

AA/AS area 4c

MMART 133A, 2 Units
Digital Photography I

*1.5 hours lecture, 1.5 hours laboratory (GR or P/INP).
Corequisite: MMART 133LA. Recommended preparation:
ART 46. Digital camera and materials fee required.
Acceptable for credit: CSU.*

Introduction to digital camera operation: Settings, composition, media considerations, image editing, proofing, and final print on digital printer.

0614.50

AA/AS area 4c

MMART 133LA, 1 Unit
Digital Photography I Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 133A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 133A.

0614.60

AA/AS area 4c

Course Announcements

MMART 133B, 2 Units

Digital Photography II

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Prerequisite: MMART 133A/133LA. Corequisite: MMART 133LB. Acceptable for credit: CSU

Intermediate theory and practice of digital photography: Advanced composition, black and white conversions, channels, scanning, blending, stitching, macrophotography, digital printing, and framing.

0614.60

AA/AS area 4c

MMART 134A, 2 Units

Digital Printmaking I

1 hour lecture, 3 hours laboratory (GR or P/NP).
Corequisite: MMART 134LA. Recommended Preparation: MMART 131A/131LA. Materials fee required. Acceptable for credit: CSU.

Introduction to digital printmaking: History of multiples, marketing techniques, output issues, and exploration of the creative digital process. Materials fee required.

0614.60

AA/AS area 4c

MMART 133LB, 1 Unit

Digital Photography II Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 133B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 133B.

0614.60

AA/AS area 4c

MMART 134LA, 1 Unit

Digital Printmaking I Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 134A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 134A.

0614.60

AA/AS area 4c

MMART 133C, 2 Units

Digital Photography III

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Corequisite: MMART 133LC. Recommended Preparation: MMART 133B/133LB. Digital camera required. Acceptable for credit: CSU.

Advanced theory and practice of digital photography: Archival quality prints and online galleries; professional level portfolio development.

0614.60

AA/AS area 4c

MMART 134B, 2 Units

Digital Printmaking II

1 hour lecture, 3 hours laboratory (GR or P/NP). Corequisite: MMART 134LB. Recommended Preparation: MMART 134A/134LA. Materials fee required. Acceptable for credit: CSU.

Intermediate digital printmaking: Major projects such as bookmaking and printing on canvas; advanced presentation, marketing and promotional techniques; aesthetic development.

0614.60

AA/AS area 4c

MMART 133LC, 1 Unit

Digital Photography III Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 133C. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 133C.

0614.60

AA/AS area 4c

MMART 134LB, 1 Unit

Digital Printmaking II Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 134B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 134B.

0614.60

AA/AS area 4c

Course Announcements

MMART 135A, 2 Units **Advanced Practices for** **Digital Printmaking I**

1 hour lecture, 3 hours laboratory (GR or P/NP). Corequisite: MMART 135LA. Recommended Preparation: ART 46 or MMART 134B/134LB. Acceptable for credit: CSU

Project-based study of digital printmaking; Enhancing basic technological and visual skills; history and theory of printmaking; hands-on projects using advanced digital technologies; class critiques of projects; portfolio development; operation of digital printing technologies.

0614.50

AA/AS area 4c

MMART 135LA, 1 Unit **Advanced Practices for** **Digital Printmaking I Lab**

4 hours laboratory (GR or P/NP). Corequisite: MMART 135A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 135A.

0614.60

AA/AS area 4c

MMART 135B, 2 Units **Advanced Practices for** **Digital Printmaking II**

1 hour lecture, 3 hours laboratory (GR or P/NP). Corequisite: MMART 135LB. Recommended Preparation: MMART 135A/135LA. Acceptable for credit: CSU

Project-based study of digital printmaking; Advancing input and acquisition skills to realize artistic vision; history and theory of printmaking; hands-on projects using advanced digital technologies; class critiques of projects; portfolio development; operation of digital printing technologies.

0614.60

AA/AS area 4c

MMART 135LB, 1 Unit **Advanced Practices for** **Digital Printmaking II Lab**

4 hours laboratory (GR or P/NP). Corequisite: MMART 135B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 135B.

0614.60

AA/AS area 4c

MMART 135C, 2 Units **Advanced Practices for** **Digital Printmaking III**

1 hour lecture, 3 hours laboratory (GR or P/NP). Corequisite: MMART 135LC. Recommended Preparation: MMART 135B/135LB. Acceptable for credit: CSU

Project-based study of digital printmaking; Output and presentation techniques for conceptual realization; history and theory of printmaking; hands-on projects using advanced digital technologies; class critiques of projects; portfolio development; operation of digital printing technologies.

0614.60

AA/AS area 4c

MMART 135LC, 1 Unit **Advanced Practices for** **Digital Printmaking III Lab**

4 hours laboratory (GR or P/NP). Corequisite: MMART 135C. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 135C.

0614.60

AA/AS area 4c

MMART 135D, 2 Units **Advanced Practices for** **Digital Printmaking IV**

1 hour lecture, 3 hours laboratory (GR or P/NP). Corequisite: MMART 135LD. Recommended Preparation: MMART 135C/135LC. Acceptable for credit: CSU

Project-based study of digital printmaking; Preparation for participation in the cultural dialectic of digital print media; history and theory of printmaking; hands-on projects using advanced digital technologies; class critiques of projects; portfolio development; operation of digital printing technologies.

0614.60

AA/AS area 4c

Course Announcements

MMART 135LD, 1 Unit **Advanced Practices for** **Digital Printmaking IV Lab**

4 hours laboratory (GR or P/INP). Corequisite: MMART 135D. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 135D. 0614.60

AA/AS area 4c

MMART 136, 2 Units **Digital Printing for Photographers**

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Corequisite: MMART 136L. Acceptable for credit: CSU

Introduction to digital printing for photographers: Prepress considerations and techniques, operation and care of digital printing technologies, history of printmaking, client management, hands-on projects. 0614.60

AA/AS area 4c

MMART 136L, 1 Unit **Digital Printing for Photographers Lab**

4 hours laboratory (GR or P/INP). Corequisite: MMART 136. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 136. 0614.60

AA/AS area 4c

MMART 137A, 2 Units **Applications of Large Scale Print I**

1 hour lecture, 3 hours laboratory (GR or P/INP). Corequisite: MMART 137LA. Recommended Preparation MMART 134A/134LA. Acceptable for credit: CSU

Project-based study of large scale digital printmaking/projection files: Enhancing basic technological and visual skills; history and theory of printmaking; hands-on projects using advanced digital technologies; class critiques of projects; portfolio / files, development; operation of digital printing and projection technologies. Demonstrate enhanced technological and visual skills using major bitmap imaging (Photoshop) software.

0614.60

AA/AS area 4c

MMART 137LA, 1 Unit **Applications of Large Scale Print I Lab**

4 hours laboratory (GR or P/INP). Corequisite: MMART 137A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 137A. 0614.60

AA/AS area 4c

MMART 137B, 2 Units **Applications of Large Scale Print II**

1 hour lecture, 3 hours laboratory (GR or P/INP). Prerequisite: MMART 137A/137LA. Corequisite: MMART 137LB. Acceptable for credit: CSU

Project-based study of Advanced Practices for Large Scale Print/Projection/Installation: Enhancing basic technological and visual skills. Advancing input and acquisition skills to realize artistic vision. 0614.60

AA/AS area 4c

MMART 137LB, 1 Unit **Applications of Large Scale Print II Lab**

4 hours laboratory (GR or P/INP). Prerequisite: MMART 137A/137LA. Corequisite: MMART 137B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 137B. 0614.60

AA/AS area 4c

MMART 137C, 2 Units **Applications of Large Scale Print III**

1 hour lecture, 3 hours laboratory (GR or P/INP). Prerequisite: MMART 137B/137LB. Corequisite: MMART 137LC. Acceptable for credit: CSU

Project-based study of Large Scale Print/Projection: Output and presentation techniques for conceptual realization. 0614.60

AA/AS area 4c

Course Announcements

MMART 137LC, 1 Unit

Applications of Large Scale Print III Lab

4 hours laboratory (GR or P/NP). Prerequisite: MMART 137B/137LB. Corequisite: MMART 137C. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 137C. 0614.60

AA/AS area 4c

MMART 137D, 2 Units

Applications of Large Scale Print IV

1 hour lecture, 3 hours laboratory (GR or P/NP). Prerequisite: MMART 137C/137LC, Corequisite: MMART 137LD. Acceptable for credit: CSU

Project-based study of digital printmaking: Preparation for participation in the cultural dialectic of digital print media. History and theory of printmaking; hands-on projects using advanced digital technologies; class critiques of projects; portfolio development; operation of digital printing technologies. 0614.60

AA/AS area 4c

MMART 137LD, 1 Unit

Applications of Large Scale Print IV Lab

4 hours laboratory (GR or P/NP). Prerequisite: MMART 137C/MMART 137LC, Corequisite: MMART 137D. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 137D. 0614.60

AA/AS area 4c

MMART 138, 1.5 Units

Location Sound Recording

1.5 hours lecture (GR or P/NP). Acceptable for credit: CSU

Location sound recording for video production and the multimedia arts: Audio theory and principles; critical listening; analysis of studio and location audio environments; microphone types, selection, placement and use; use of audio mixers and digital recorders; crew organization, function and responsibilities. 0612.20

AA/AS area 4c

MMART 141A, 3 Units

Video Production I

2 hours lecture, 4 hours laboratory (GR or P/NP). Recommended Preparation: MMART 110. Not open for credit to students who have completed or are currently enrolled in MMART 151A. Acceptable for credit: UC/CSU

Theory and practice of shooting video in studio and field environments: Recording formats and mechanics, basic cinematography styles and techniques, lighting, sound-recording; planning shoots with scripts, directorial guidance, and postproduction specifications. 0614.10

*AA/AS area 4c;
(C-ID FTVE 130)*

MMART 141B, 3 Units

Video Production II: Directing & Producing

2 hours lecture, 4 hours laboratory (GR or P/NP). Recommended Preparation: MMART 141A. Not open for credit to students who have completed or are currently enrolled in MMART 151B. Acceptable for credit: CSU

Directing and producing a video project from script to screen: Script analysis from pragmatic and aesthetic perspectives, direction of actors, cinematography, lighting, creation of budgets and standard production materials. 0614.10

AA/AS area 4c

MMART 141C, 3 Units

Digital Video Production III

2 hours lecture, 4 hours laboratory (GR or P/NP). Recommended Preparation: MMART 141A, 141B, and 142. Not open for credit to students who have completed or are currently enrolled in MMART 151C. Acceptable for credit: CSU

Video production emphasizing the development of advanced skills in one area of the students' choice: Direction, preproduction planning, cinematography, sound design, lighting or art direction. 0614.10

AA/AS area 4c

Course Announcements

MMART 142, 3 Units

Visual Storytelling & Cinematography

2 hours lecture, 4 hours laboratory (GR or P/NP).

Recommended Preparation: MMART 141A. Acceptable for credit: CSU

Visual Storytelling in Cinematography, Lighting and Art Direction: Visual aspects of filmmaking, including preproduction, storyboards, blocking, lighting, locations and props; technical skills, including camera functions and movement, safe use of lighting gear, on-set protocol, industry terminology, duties; responsibilities of the camera, lighting and art teams.

0614.10

AA/AS area 4c

MMART 148A, 2 Units

Sound Recording and Editing

2 hours lecture, 1 hour laboratory (GR or P/NP). Corequisite: MMART 148LA. Acceptable for credit: UC/CSU

Introduction to the theory and practice of recording and editing Audio: Fundamentals of sound design and aesthetics, microphone use, and digital recording equipment; hands on experience recording, editing, mixing and mastering audio.

0614.10

AA/AS area 4c

MMART 148LA, 1 Unit

Sound Design I Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 148A. Acceptable for credit: UC/CSU

Practical training for development of multimedia skills presented in MMART 148A.

0614.10

AA/AS area 4c

MMART 148B, 2 Units

Sound for Film & Animation

2 hours lecture, 1 hour laboratory (GR or P/NP). Prerequisite: MMART 148A/148LA. Corequisite: MMART 148LB. Acceptable for credit: CSU

Recording and editing sound for moving images: Use of microphones, booms, mixers and digital recorders; postproduction sound, including cutting dialog, spotting,

sound-sweetening, building presence and mixing audio levels to accompany image; sound design, including creatively and emotionally enhancing the moving image.

0614.10

AA/AS area 4c

MMART 148LB, 1 Unit

Sound for Film & Animation Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 148B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 148B.

0614.10

AA/AS area 4c

MMART 149, 2 Units

The Music Video

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 149L. Recommended Preparation: MMART 148A/148LA, 150A/150LA, 152A/152LA. Acceptable for credit: CSU

Theory and practice of postproduction for music videos: Advanced projects editing a music video, applying effective sound and visual design, synch and non-synch sound, musical structure and visual narrative, illustrative and expressive edit techniques, project management, industry standards, and career options.

0614.10

AA/AS area 4c

MMART 149L, 1 Unit

The Music Video Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 149. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 149.

0614.10

AA/AS area 4c

Course Announcements

MMART 150A, 2 Units Video Editing I

*1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Corequisite: MMART 150LA. Recommended preparation:
CIS 1 or 200. Acceptable for credit: CSU*

Theory and practice of digital video editing: Film aesthetics and time-based media design; video and audio acquisition, editorial, effects, and output; basic project and media management; industry standards, career opportunities, and copyright law. 0614.10

AA/AS area 4c

MMART 150LA, 1 Unit Video Editing I Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 150A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 150A. 0614.10

AA/AS area 4c

MMART 150B, 2 Units Video Editing II

*1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Corequisite: MMART 150LB. Recommended Preparation:
MMART 150A/150LA. Acceptable for credit: CSU*

Continuing theory and practice of digital video editing: Intermediate film aesthetics and time-based media design; basic compositing and rotoscoping; luma and color correction; advanced project and media management; industry standards, copyright law, and ethics. 0614.10

MMART 150LB, 1 Unit Video Editing II Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 150B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 150B. 0614.10

AA/AS area 4c

MMART 150C, 2 Units Video Editing III

*1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Corequisite: MMART 150LC. Recommended Preparation:
MMART 150B/150LB. Acceptable for credit: CSU*

Theory and practice of motion picture editing style: Development of distinctive editing technique and style through lectures, demonstrations, group critiques, practical exercises, and final projects focused on strong composition, editorial “voice,” and innovation. 0614.10

AA/AS area 4c

MMART 150LC, 1 Unit Video Editing III Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 150C. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 150C. 0614.10

AA/AS area 4c

MMART 150D, 2 Units Video Editing IV

*1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Corequisite: MMART 150LD. Recommended Preparation:
MMART 148A/148LA, 150C/150LC and 151A/151LA.
Acceptable for credit: CSU*

Finishing techniques and distribution planning for a broadcast-ready video program: Refinement of editorial structure, pacing, visual style, sound design; advanced finishing techniques; developing a distribution plan and submission packet; broadcast and related output considerations; legal and permissions issues and ethics. 0614.10

AA/AS area 4c

MMART 150LD, 1 Unit Video Editing IV Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 150D. Acceptable for credit: CSU

Practical training for development of multimedia skills presented MMART 150D. 0614.10

AA/AS area 4c

MMART 151A, 2 Units Digital Video Production I

*1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).
Corequisite: MMART 151LA. Recommended preparation:
MMART 110. Acceptable for credit: UC/CSU*

Course Announcements

Theory and practice of shooting video in studio and field environments: Recording formats and mechanics, basic cinematography styles and techniques, lighting, sound recording, make-up; planning shoots with scripts, directorial guidance, and postproduction specifications.

0614.10

AA/AS area 4c

MMART 151LA, 1 Unit

Digital Video Production I Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 151A. Acceptable for credit: UC/CSU

Practical training for development of production skills presented in MMART 151A.

0614.10

AA/AS area 4c

MMART 151B, 2 Units

Digital Video Production II

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 151LB. Recommended Preparation: MMART 151A/151LA. Acceptable for credit: CSU

Design for video production: Script analysis from pragmatic and aesthetic perspectives; advanced cinematography, studio and field lighting theory and techniques, audio composition and foley technique, appropriate microphone selection and use, art direction, and location selection.

0614.10

AA/AS area 4c

MMART 151LB, 1 Unit

Digital Video Production II Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 151B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 151B.

0614.10

AA/AS area 4c

MMART 152A, 2 Units

Motion Graphics/After Effects I

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 152LA. Recommended preparation: MMART 130/130L, 150A/150LA and 200. Acceptable for credit: CSU

Introduction to motion graphics and 2D animation for the current industry standards: Importing source files including photographs, illustrations, video clips and 3D animation; compositing source imagery, keyframing, animating, and effects; compression and outputting for video and web; critical discussion and assessment of work on technical, aesthetic, conceptual, and philosophical level.

0614.10

AA/AS area 4c

MMART 152LA, 1 Unit

Motion Graphics/After Effects I Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 152A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 152A.

0614.10

AA/AS area 4c

MMART 152B, 2 Units

Motion Graphics/After Effects II

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 152LB. Recommended Preparation: MMART 152A/152LA. Acceptable for credit: CSU

Intermediate motion graphics and 2D animation for the current industry standards: Compositing source imagery, keyframing, animating, and effects; compression and outputting for video and web; critical discussion and assessment of work on technical, aesthetic, conceptual, and philosophical level.

0614.10

AA/AS area 4c

MMART 152LB, 1 Unit

Motion Graphics/After Effects II Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 152B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 152B.

0614.10

AA/AS area 4c

Course Announcements

MMART 153, 1.5 Units

Digital Cinematography Basics

1.5 hours lecture (GR or P/INP). Recommended preparation: MMART 151A/151LA or 154. Acceptable for credit: CSU

Digital camera use: Manual functions and settings, camera movement, pre-production preparation, on-set protocol, motion picture aesthetics, industry and on-set terminology, duties and responsibilities of the camera team.

0612.20

AA/AS area 4c

MMART 154, 1.5 Units

Video Production Fundamentals

1.5 hours lecture (GR or P/INP). Acceptable for credit: CSU

Introduction to project planning and video production basics: Pre-production, local resources, on-set etiquette, camera operation, lighting, sound recording, preparation for post-production.

0612.20

AA/AS area 4c

MMART 155A, 2 Units

Special Projects in Digital Photography A

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Prerequisite: MMART 133A/133LA. Corequisite: MMART 155LA. Recommended Preparation: MMART 131A/131LA and 136/136L. Acceptable for credit: CSU

Project-based study of digital photography: Low light and night photography; portraiture; use of flash on camera + reflectors; natural light; development of photographs in Adobe Lightroom 2; history of photography; critiques.

0614.60

AA/AS area 4c

MMART 155LA, 1 Unit

Special Projects in Digital Photography A Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 155A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 155A.

0614.60

AA/AS area 4c

MMART 155B, 2 Units

Special Projects in Digital Photography B

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Prerequisite: MMART 133A/133LA. Corequisite: MMART 155LB. Recommended Preparation: MMART 131A/131LA and 136/136L. Acceptable for credit: CSU

Project-based study of digital photography: use of off-camera flash; advanced use of Adobe Lightroom 2; printing; landscape/cityscape; documentary photography; history and theory of photography; critiques.

0614.60

AA/AS area 4c

MMART 155LB, 1 Unit

Special Projects in Digital Photography B Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 155B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 155B.

0614.60

AA/AS area 4c

MMART 155C, 2 Units

Special Projects in Digital Photography C

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Prerequisite: MMART 133A/133LA. Corequisite: MMART 155LC. Recommended Preparation: MMART 131A/131LA and 136/136L. Acceptable for credit: CSU

Project-based study of digital photography: location shooting with supplemental light; making composite images in Adobe Photoshop; printing; the constructed image; still life; history and theory of photography; critique.

0614.60

AA/AS area 4c

MMART 155LC, 1 Unit

Special Projects in Digital Photography C Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 155C. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 155C.

0614.60

AA/AS area 4c

Course Announcements

MMART 155D, 2 Units

Special Projects in Digital Photography D

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP).

Prerequisite: MMART 133A/133LA. Corequisite: MMART 155LD. Recommended Preparation: MMART 131A/131LA and 136/136L. Acceptable for credit: CSU

Project-based study of digital photography: production of an extended series of related images; portfolio development; printing; presentation strategies; critiques.

0614.60

AA/AS area 4c

MMART 155LD, 1 Unit

Special Projects in Digital Photography D Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 155D. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 155D.

0614.60

AA/AS area 4c

MMART 156, 3 Units

Documentary Production Intensive

3 hours lecture (GR or P/INP). Prerequisite: MMART 154, 150A/150LA, or 151A/151LA. Acceptable for credit: CSU

Theory and practice of documentary video production: Creating non-fiction treatment and script, filming interview subjects and supporting visuals, editing a short non-fiction video program.

0612.20

AA/AS area 4c

MMART 157, 1.5 Units

Beginning Motion Picture Lighting

1.5 hours lecture (GR or P/INP). Acceptable for credit: CSU

Lighting basics for motion picture: Lighting theory, electricity and safety, use of lighting equipment, accessories and tools, on-set protocol, motion picture aesthetics, industry and on-set terminology, duties and responsibilities of the lighting team.

0612.20

AA/AS area 4c

MMART 162, 2 Units

Contemporary Scripting for Games, Mobile and Web

2 hours lecture, 1.5 hours laboratory (GR or P/INP).

Corequisite: MMART 162L. Recommended Preparation: MMART 168. Acceptable for credit: CSU

Introduction to scripting and programming for visual artists: Fundamental scripting techniques for web, mobile, video games, virtual reality, and other visual media; designing, implementing, and testing foundational application programs.

0614.30

AA/AS area 4c

MMART 162L, 1 Unit

Contemporary Scripting for Games, Mobile and Web Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 162. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 162.

0614.30

AA/AS area 4c

MMART 164, 2 Units

Introduction to Web Design

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP).

Corequisite: MMART 164L. Acceptable for credit: UC/CSU

Foundations of Web Development: Building a business, expressing your online voice and identity, and designing portfolios using HTML, CSS, and Content Management Systems (such as WordPress).

0614.30

AA/AS area 4c

MMART 164L, 1 Unit

Introduction to Web Design Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 164. Acceptable for credit: UC/CSU

Practical training for development of multimedia skills presented in MMART 164.

0614.30

AA/AS area 4c

Course Announcements

MMART 165, 2 Units

Fundamentals of Graphic Visualization

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Corequisite: MMART 165L. Acceptable for credit: CSU

Analysis and development of graphic visualization: Basic principles, attributes, and elements of design, including the relationships among production methods, materials, and data sets.

0614.30

AA/AS area 4c

MMART 165L, 1 Unit

Fundamentals of Graphic Visualization Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 165. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 165.

0614.30

AA/AS area 4c

MMART 166, 2 Units

User Experience and Interface Design

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Corequisite: MMART 166L. Recommended Preparation: MMART 164. Acceptable for credit: CSU

Introduction to information architecture and interface design: Graphic and information design principles used to organize, navigate, and develop successful interfaces for new media projects.

0614.30

AA/AS area 4c

MMART 166L, 1 Unit

User Experience and Interface Design Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 166. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 166.

0614.30

AA/AS area 4c

MMART 167, 2 Units

Mobile and Cross-Platform Web Design

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Corequisite: MMART 167L. Recommended Preparation: MMART 164. Acceptable for credit: CSU

Cross-Platform design techniques for Mobile and Web Design: Mobile development, tablet development, web development, responsive design, and dynamic graphical elements.

0614.30

AA/AS area 4c

MMART 167L, 1 Unit

Mobile and Cross-Platform Web Design Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 167. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 167.

0614.30

AA/AS area 4c

MMART 168, 2 Units

Online Games & Interactivity

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 168L. Recommended Preparation: MMART 164. Acceptable for credit: CSU

Principles of interactive design and virtual environments: User experience, game design, dynamic graphics, and integration of interactive content for online environments.

0614.30

AA/AS area 4c

MMART 168L, 1 Unit

Online Games & Interactivity Lab

4 hours laboratory (GR or P/NP) Corequisite: MMART 168. Recommended Preparation: MMART 164. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 168.

0614.30

AA/AS area 4c

MMART 169, 2 Units

Social & Emergent Media

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 169L. Recommended Preparation: MMART 164. Acceptable for credit: CSU

Dynamics of online content delivery to motivate consumer interest: Social Media Networks, content creation tools, advertising, marketing, brand strategies, consumer interactions, and monitoring of media analytics.

0614.30

AA/AS area 4c

Course Announcements

MMART 169L, 1 Unit

Social & Emergent Media Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 169. Recommended Preparation: MMART 164. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 169. 0614.30

AA/AS area 4c

MMART 170, 2 Units

Virtual Reality and Digital Spaces

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Corequisite: MMART 170L. Recommended Preparation: MMART 164 and 165. Acceptable for credit: CSU

Interactive and game based architectures: virtual reality environments, visible and invisible data, interactive design environments, and visual mapping. 0614.30

AA/AS area 4c

MMART 170L, 1 Unit

Virtual Reality and Digital Spaces Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 170. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 170. 0614.30

AA/AS area 4c

MMART 171, 2 Unit

Web Commerce & Internet Start Up

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Corequisite: MMART 171L. Recommended Preparation: MMART 164. Not open for credit to students who have completed MMART160C. Acceptable for credit: CSU

Introduction to the principles of E-commerce: Building an online business, analysis and application of media content, operating shopping carts, and execution of online strategy. 0614.30

AA/AS area 4c

MMART 171L, 1 Unit

Web Commerce & Internet Start Up Lab

4 hours laboratory (GR or P/INP). Corequisite: MMART 171. Recommended Preparation: MMART 164. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 171. 0614.30

AA/AS area 4c

MMART 175B, 3 Units

Game Design

3 hours lecture, (GR or P/INP). Recommended Preparation: MMART 110 or 175A/175LA. Acceptable for credit: UC/CSU

Introduction to game theory and interactive computer game design: Analysis and application of the concepts of pattern recognition, spatial reasoning, branching storytelling, interactive parameters, interface design through the use of flow charts, storyboards, story scripts and programming languages. 0614.40

AA/AS area 4c

MMART 177, 2 Units

Introduction to Animation Principles

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP). Corequisite: MMART 177L. Recommended Preparation: MMART 110 and 116. Acceptable for credit: CSU

Introduction to the principles of animation: Creating characters; drawing key poses and in-betweens; designing movement paths, pose manipulation and cycles; timing movement based on sound tracks; utilizing storyboards and dynamic composition to create animated scenes; testing motion studies and scene storytelling with software. 0614.40

AA/AS area 4c

Course Announcements

MMART 177L, 1 Unit

Introduction to Animation Principles Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 177. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 177. 0614.40

AA/AS area 4c

MMART 178, 2 Units

Drawing for Animation

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 178L. Acceptable for credit: CSU

Freehand drawing techniques in traditional animation: Gesture drawing, designing key poses, drawing figures in motion, capturing motion in fast sketches, analysis and development of motion paths. 0614.40

AA/AS area 4c

MMART 178L, 1 Unit

Drawing for Animation Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 178. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 178. 0614.40

AA/AS area 4c

MMART 179, 3 Units

Animation Layout and Visual Development

3 hours lecture (GR or P/NP). Recommended Preparation: MMART 177/177L. Acceptable for credit: CSU

Dynamic composition and visual development for animation: Use of character actions, camera angles and perspective to stage effective layouts; application of storytelling elements, research, color theory and basic design principles. 0614.40

AA/AS area 4c

MMART 180, 2 Units

Animation Special Effects

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 180L. Recommended Preparation: MMART 177/177L. Acceptable for credit: CSU

Introduction to the history and production of 2D/3D visual effects animation: Live action and animated video; researching and planning special effects based on natural phenomena; animation of 2D/3D objects and effects to be composited into existing video with appropriate sounds.

0614.40

AA/AS area 4c

MMART 180L, 1 Unit

Animation Special Effects Lab

4 hours laboratory (GR). Corequisite: MMART 180. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 180. 0614.40

AA/AS area 4c

MMART 181, 2 Units

Experimental Animation

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 181L. Recommended Preparation: MMART 177/177L. Acceptable for credit: CSU

Exploration of alternative forms of traditional animation: Analysis and application of the techniques of claymation; stop-motion, paper cut-outs, puppets, color sand, mixed media, and set construction and sculpture; digital video manipulation. 0614.40

AA/AS area 4c

MMART 181L, 1 Unit

Experimental Animation Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 181. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 181. 0614.40

AA/AS area 4c

MMART 182, 3 Units

Scripting and Programming for Computer Graphics

2 hours lecture, 3 hours laboratory (GR or P/NP). Recommended Preparation: MMART 130/130L. Acceptable for credit: CSU

Course Announcements

Introduction to scripting and programming for visual artists: Fundamental scripting techniques for integrated graphical development environments, including computer modeling, animation, video game and other visual media.

0614.20

AA/AS area 4C

MMART 185A, 2 Units

3-D Illustration/Cinema 4D I

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Corequisite: MMART 185LA. Recommended preparation: Art 46. Acceptable for credit: CSU

Introduction to the theory and practice of 3D modeling/animation: Hands-on projects using modeling/animation applications combined with lectures on lighting, digital cinematography, character development, and other relevant topics.

0614.40

AA/AS area 4c

MMART 185LA, 1 Unit

3-D Illustration/Cinema 4D I Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 185A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 185A.

0614.40

AA/AS area 4c

MMART 185B, 2 Units

3-D Illustration/Cinema 4D II

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Corequisite: MMART 185LB. Recommended Preparation: MMART 185A/185LA. Acceptable for credit: CSU

Intermediate 3D modeling, texture mapping, lighting and animation, theory, and practice: Hands-on projects using modeling/animation applications, photo-realistic modeling, character animation; practice with small team projects.

0614.40

AA/AS area 4c

MMART 185LB, 1 Unit

3D Illustration/Cinema 4D II Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 185B. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 185B.

0614.40

AA/AS area 4c

MMART 186, 2 Units

Introduction to 2D Digital Animation

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Corequisite: MMART 186L. Recommended Preparation: MMART 177/177L. Acceptable for credit: CSU

2D animation using a vector-based imaging and animation program : Survey of traditional animation techniques; importing graphics; creating and manipulating symbols; using keyframes; designing motion paths; using Motion Tweens and Shape Tweens to animate symbols; and publishing the animations to various formats.

0614.40

AA/AS area 4c

MMART 186L, 1 Unit

Introduction to 2D Digital Animation Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 186. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 186.

0614.40

AA/AS area 4c

MMART 187, 2 Units

Animation Practice I

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP).

Corequisite: MMART 187L. Recommended Preparation: MMART 177/177L. Acceptable for credit: CSU

Project-based study of animation: Developing movement based on the principles of animation; designing characters; timing based on lip-synching; rotoscoping; coordinating sound to animated shorts and exploring the themes of American animation history.

0614.40

AA/AS area 4c

Course Announcements

MMART 187L, 1 Unit

Animation Practice I Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 187. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 187. 0614.40

AA/AS area 4c

MMART 188, 3 Units

Introduction to 3D Animation I

2 hours lecture, 4 hours laboratory (GR or P/NP). Acceptable for credit: CSU

Introduction to the theory, history and production techniques of 3D Animation: Pre-production through post-production and deliverables; considerations for game and other industries. 0614.40

AA/AS area 4c

MMART 189, 3 Units

Introduction to 3D Character Animation

2 hours lecture, 4 hours laboratory (GR or P/NP). Recommended Preparation: MMART 188. Acceptable for credit: CSU

Study and practice of creating the illusion of life through techniques of 3D Animation: Application of theory to practical scene work with emphasis on movement and acting in animated characters. 0614.10

AA/AS area 4c

MMART 191, 3 Units

3D Modeling for Animation & Game Design

2 hours lecture, 4 hours laboratory (GR or P/NP). Recommended Preparation: MMART 177/177L or 188. Acceptable for credit: CSU

3D Modeling: Principles and practices of modeling in polygons, NURBS, and subdivision surfaces; applications of textures, materials, and lighting to models; rendering with appropriate materials, lighting and cameras. 0614.10

AA/AS area 4c

MMART 192, 3 Units

3D Rigging for Animation and Game Design

3 hours laboratory (GR or P/NP). Recommended Preparation: MMART 188. Acceptable for credit: CSU

Theories and techniques of 3D computer animation: Development of rigs for characters and mechanical; character animation; rigging; simulation; motion capture; rendering; exporting of rigged characters and objects to a game platform. 0614.40

AA/AS area 4c

MMART 193, 3 Units

Game Design Level Development

3 hours lecture (GR or P/NP). Recommended Preparation: MMART 175B. Acceptable for credit: CSU

Comprehensive game design: Detailed storyline, level design, artistic approach, implementation technologies, and art-asset pipeline; creation of a playable level demonstrating the core design and the approved scoped features for the game; game programming and software project management. 0614.10

AA/AS area 4c

MMART 194, 3 Units

2D/3D Animation Production

2 hours lecture, 3 hours laboratory (GR or P/NP). Recommended Preparation: MMART 187 and 191. Acceptable for credit: CSU

Creating a short animated piece from design through production: Team dynamics, acting, visual storytelling, working with clients, and completing a short animated film in 2D/2.5D or 3D depending on story. 0614.40

AA/AS area 4c

MMART 195A, 3 Units

Special Project:

Digital Arts Festival Organization

3 hours lecture (GR or P/NP). Corequisite: MMART 195LA. Recommended preparation: ART 98/ENGL 21/HUMAN 21, and MMART 122B and 150A/150LA and 200. Acceptable for credit: CSU

Course Announcements

Collaborative project-based study of media arts festival development and organization, culminating in the planning, jurying, and preparatory organization of a digital arts festival: Contemporary media art and festival trends; professional jurying criteria, standards, and protocols; venue selection; project management, copyright issues, financing and publicity. 0614.00

AA/AS area 4c

MMART 195LA, 1 Unit

Special Project:

Digital Arts Festival Organization Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 195A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 195A. 0614.00

AA/AS area 4c

MMART 196A, 2 Units

Art Marketing and Portfolio Management

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 196LA. Acceptable for credit: CSU

Principles of marketing digital artwork: Business models and marketing structures, professional collaboration, systems approach to marketing digital artwork, portfolio development, networking opportunities, and career management for the professional digital artist. 0614.00

AA/AS area 4c

MMART 196LA, 1 Unit

Art Marketing and Portfolio Management Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 196A. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 196A. 0614.00

AA/AS area 4c

MMART 197, 2 Units

Multimedia Portfolio/

Sample Reel Development

1.5 hours lecture, 1.5 hours laboratory (GR or P/NP). Corequisite: MMART 197L. Recommended Preparation:

MMART 130/130L, 150A/150LA, or 164A/164LA. Acceptable for credit: CSU

Development of professional-level portfolio or demo reel for the web in the context of job-search preparation: Portfolio design and production, resume refinement, interview skills, job-search activities, and networking in the multimedia field. 0614.00

AA/AS area 4c

MMART 197L, 1 Unit

Multimedia Portfolio/

Sample Reel Development Lab

4 hours laboratory (GR or P/NP). Corequisite: MMART 197. Acceptable for credit: CSU

Practical training for development of multimedia skills presented in MMART 197. 0614.00

AA/AS area 4c

MMART 199, 3 Units

Multimedia Special Projects

1.5 hours lecture, 4.5 hours laboratory (GR or P/NP). Recommended Preparation: MMART 130/130L. Acceptable for credit: CSU

Collaborative project-based study of different multimedia specializations combined to produce a multimedia product or event: digital video documentary, animation short, video or/and animation virtual reality project, creation of augmented reality product, public service commercial, public access television program, interactive online / game projects, digital art exhibit, video festival or other related new media. 0614.00

AA/AS area 4c

MMART 200, 3 Units

Digital Media Literacy

2 hours lecture, 3 hours laboratory (GR or P/NP).

Introduction to Mac OS X and iLife: Basic hardware and software components; user interface; digital media including digital photos, digital music, and digital video; DVD based media presentations and ergonomics; ethics and legal issues. 0614.00

AA/AS area 4c

MMART 228C, 2 Units

Introduction to InDesign Desktop Publishing

1.5 hours lecture, 1.5 hours laboratory (GR or P/INP).
Recommended preparation: CIS 200 or MMART 200.
Not open for credit to students who have completed or are currently enrolled in CIS 228C.

Introduction to the use of InDesign pagelayout software: Basics of page layout, font selection and formatting, setting defaults, text and graphic placement, graphic scanning, and laser printing. 0614.50

AA/AS area 4c

MMART 248UA-ZZ, .5-5 Units

Selected Topics in Multimedia Arts

0-5 hours lecture, 0-15 hours laboratory (GR or P/INP).

See section on Selected Topics. 0614.00

Music

MUSIC 10, 3 Units

Music Appreciation

3 hours lecture, (GR or P/INP). Acceptable for credit: UC/CSU

Survey designed to enhance the enjoyment of music with emphasis on listening: Historical overview of the development of musical form through the centuries. 1004.00

AA/AS area 3; CSU area C1;
IGETC area 3A; (C-ID MUS 100)

MUSIC 15A, 3 Units

**Jazz, Blues and Popular Music
in the American Culture**

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Historical and critical analysis of unique American music: Focus on environments from which its many forms have emerged and its role in social history; development of blues, folk, jazz, rock, and other popular music forms in the twentieth century. 1004.00

AA/AS area 3, 5; CSU area C1;
IGETC area 3A

MUSIC 15B, 3 Units

**Jazz, Blues and Popular Music
in the American Culture**

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Study of the contemporary music scene with in-depth investigation of trends in artistic expression: Music as a revolutionary force, the role of the music industry, analysis of performances and interviews. 1004.00

AA/AS area 3, 5; CSU area C1;
IGETC area 3A

MUSIC 24, 3 Units

Jazz History

3 Hours Lecture, (GR or P/INP). Acceptable for credit: UC/CSU

Evolutionary development of jazz music and the artists responsible for its creation: Historical, cultural, and sociological analysis of each style period through extensive guided listening. 1004.00

AA/AS area 3; CSU area C1;
IGETC area 3A

MUSIC 48UA-ZZ, .5-5 Units

Selected Topics in Music

0-5 hours lecture, 0-15 hours laboratory (GR or P/INP).

Acceptable for credit: CSU

MUSIC 248UA-ZZ, .5-5 Units

Selected Topics in Music

0-5 hours lecture, 0-15 hours laboratory (GR or P/INP).

See section on Selected Topics. 1004.00

Philosophy

PHIL 1, 3 Units

Introduction to Philosophy

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Study of selected classic examples of original works of philosophers: Literature of the discipline and analytical

Course Announcements

methods, aims, goals, and types of problems peculiar to philosophers and philosophical inquiry; metaphysics, epistemology, valuing and axiology, aesthetics, and religion. 1509.00

*AA/AS area 3; CSU area C2;
IGETC area 3B; (C-ID PHIL 100)*

PHIL 2, 3 Units **Social and Political Philosophy**

3 hours lecture (GR). Acceptable for credit: UC/CSU

Focus on classic examples of social and political philosophy in Western civilization: Original writings by Classic Greeks (Plato and Aristotle), Americans (Hamilton, Madison, and Jefferson), Modern Europeans (Marx and Mills), and appropriate contemporary philosophers.

1509.00

*AA/AS area 3; CSU area C2;
IGETC area 3B*

PHIL 10, 3 Units **Logic**

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Consideration of logical problems of language: Deduction and induction, fallacies, theory of argument and the scientific method, and study of correct reasoning in Aristotelian and modern logic. 1509.00

*AA/AS area 3; CSU area A3, C2;
(C-ID PHIL 110)*

PHIL 11, 3 Units **Formal Logic**

3 hours lecture (GR or P/NP). Recommended Preparation: COMM 5, ENGL 1A, ENGL 5, or PHIL 10. Acceptable for credit: UC/CSU.

Principles of valid deductive reasoning: Formal techniques of sentential logic and predicate logic. 1509.00

*AA/AS area 3; CSU area A3;
(C-ID PHIL 210)*

PHIL 16, 3 Units **Buddhist Philosophy**

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Introduction to Buddhist philosophy and sutras: Focus on the study of the main tenets of the three major schools of thought: Abhidharmakosa, Yogacara, and Madhyamika.

1509.00

*AA/AS area 3; CSU area C2;
IGETC area 3B*

PHIL 20A, 3 Units **History of Ancient Greek Philosophy**

3 hours lecture (GR). Acceptable for credit: UC/CSU

Chronological development of leading philosophical perspectives of Ancient Greece from the Ionians to the Scholastics.

1509.00

*AA/AS area 3; CSU area C2;
IGETC area 3B; (C-ID PHIL 130)*

PHIL 20B, 3 Units **History of Modern European Philosophy**

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Chronological development of leading philosophical perspectives of Modern Europe from the Renaissance to present.

1509.00

*AA/AS area 3; CSU area C2;
IGETC area 3B; (C-ID PHIL 140)*

PHIL 31A, 3 Units **Human Values/Ethics**

3 hours lecture (GR or P/NP). Also offered as HUMAN 30A. Not open for credit to students who have completed or are currently enrolled in HUMAN 30A. Acceptable for credit: UC/CSU

Analysis of concepts of good and right in our society and of criteria of conduct: Various religious, philosophic, scientific, and aesthetic aspects of moral behavior integrated with reason and emotion of the individual.

1509.00

*AA/AS area 3; CSU area C2;
IGETC area 3B; (C-ID PHIL 120)*

PHIL 35, 3 Units
Feminist Philosophy

3 hours lecture (GR or P/NP). Also offered as WS 35. Not open for credit to students who have completed or are currently enrolled in WS 35. Acceptable for credit: UC/CSU

Introduction to feminist philosophy through the study of different philosophical approaches to and bases for feminism: Historical, cultural, and political approach to feminist theories in relation to one another and to other branches of philosophy. 1509.00

AA/AS area 3; CSU area C2; IGETC area 3B

PHIL 37, 3 Units
Introduction to Asian Philosophy

3 hours lecture (GR). Acceptable for credit: UC/CSU

Major philosophies and religions of Asia: Emphasis on the origins, myths, and basic teachings of Hinduism, Jainism, Buddhism, Daoism, Confucianism, and Shinto, with special attention to current influences of Eastern philosophy and religion on Western culture. 1509.00

AA/AS area 3; CSU area C2; IGETC area 3B

PHIL 48UA-ZZ, .5-5 Units
Selected Topics in Philosophy

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics. 1509.00

PHIL 49, .5-5 Units
Independent Study in Philosophy

0-5 hours lecture (GR or P/NP). Acceptable for credit: CSU

See section on Independent Study. 1509.00

PHIL 248UA-ZZ, .5-5 Units
Selected Topics in Philosophy

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 1509.00

Physical Education

PE 48UA-ZZ, .5-5 Units
Selected Topics in Physical Education

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics. 0835.00

PE 248UA-ZZ, .5-5 Units
Selected Topics in Physical Education

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 0835.00

Physical Science

PHYSC 20, 3 Units
Introduction to the Marine Environment

3 hours lecture (GR). Acceptable for credit: UC/CSU

Introduction to the oceans: History and topography; physical and chemical properties of sea water; causes and effects of currents, tides, and waves; ocean life, distribution and management of marine resources, marine pollution, sea floor sediments; tectonics and paleomagnetism.

1919.00

AA/AS area 1; CSU area B1; IGETC area 5A

PHYSC 48UA-ZZ, .5-5 Units
Selected Topics in Physical Science

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics. 1901.00

PHYSC 248UA-ZZ, .5-5 Units
Selected Topics in Physical Science

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 1901.00

Physics

PHYS 3A, 5 Units

General Physics

4 hours lecture, 3 units laboratory (GR). Prerequisite or Corequisite : MATH 3A. Acceptable for credit: UC/CSU

Comprehensive study of major topics of physics: Motion, forces, gravity, energy, momentum, rotation, equilibrium, fluids, oscillations, waves, sound, heat, and thermodynamics for students majoring in the biological and medical sciences. 1902.00

AA/AS area 1; CSU area B1, B3;
IGETC area 5A, 5C;

(C-ID PHYS 105; PHYS 3A+3B C-ID PHYS 100S)

PHYS 3B, 5 Units

General Physics

4 hours lecture, 3 units laboratory (GR). Prerequisite: PHYS 3A. Acceptable for credit: UC/CSU

Comprehensive study of major topics of physics: Electric and magnetic forces, fields, and energy; DC and AC circuits, light, optics, relativity, quantum physics, atoms, molecules, nuclei, particles, and astrophysics for students majoring in the biological and medical sciences. 1902.00

AA/AS area 1; CSU area B1, B3;
IGETC area 5A, 5C;

(C-ID PHYS 110; PHYS 3A+3B C-ID PHYS 100S)

PHYS 4A, 5 Units

General Physics with Calculus

4 hours lecture, 3 hours laboratory (GR). Prerequisite: MATH 3A. Recommended preparation: PHYS 10. Acceptable for credit: UC/CSU

Comprehensive study of major topics of physics: Motion, forces, gravity, energy, momentum, rotation, equilibrium, fluids, oscillations, waves, and sound. 1902.00

AA/AS area 1; CSU area B1, B3;
IGETC area 5A, 5C;

(C-ID PHYS 205)

PHYS 4B, 5 Units

General Physics with Calculus

4 hours lecture, 3 hours laboratory (GR). Prerequisite: PHYS 4A and MATH 3B. Acceptable for credit: UC/CSU

Comprehensive study of major topics of physics: Thermodynamics, electric forces and fields, magnetic forces and fields, electricity, and AC and DC circuits.

1902.00

AA/AS area 1; CSU area B1, B3;

IGETC area 5A, 5C;

(C-ID PHYS 210)

PHYS 4C, 5 Units

General Physics with Calculus

4 hours lecture, 3 hours laboratory (GR). Prerequisites: MATH 3C and PHYS 4B. Acceptable for credit: UC/CSU

Comprehensive study of major topics of physics: Light, interference, relativity, quantum physics, atoms, molecules, and nuclei. 1902.00

AA/AS area 1; CSU area B1, B3;

IGETC area 5A, 5C

PHYS 10, 4 Units

Introduction to Physics

4 hours lecture (GR or P/NP). Recommended preparation: MATH 201 and 202. Not open for credit to students who have completed or are currently enrolled in PHYS 2A-2B, 3A-3B, or 4A-4B-4C. Acceptable for credit: UC/CSU

Elementary study of major topics of physics: Motion, forces, energy, momentum, rotation, oscillation, sound, electromagnetics, light, quantum physics, atoms, nuclei, and relativity. 1902.00

AA/AS area 1; CSU area B1;

IGETC area 5A;

(CHEM 30A+PHYS 10 C-ID PHYS 140)

Course Announcements

PHYS 48UA-ZZ, .5-5 Units Selected Topics in Physics

0-5 hours lecture, 0-15 hours laboratory (GR or P/INP).
Acceptable for credit: CSU

See section on Selected Topics. 1902.00

Political Science

POSCI 1, 3 Units Government and Politics in the United States

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Introduction to principles and the political process of national, state, and local government: Emphasis on national government and the Constitution. 2207.00

AA/AS area 2; CSU area D;
CSU American Institutions;;
IGETC area 4, Group 2+3;
(C-ID POLS 110)

POSCI 2, 3 Units Comparative Government

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Comparative analysis in government and politics: Political leadership, citizenship participation, centers of power, and political problems of selected governments. 2207.00

AA/AS area 2; CSU area D;
IGETC area 4; (C-ID POLS 130)

POSCI 3, 3 Units International Relations

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Nature of relations among nation-states: Analysis of basic forces affecting the formulation of foreign policy, dynamics of international politics, survey of rise and development of the nation-state system, problems of nationalism and imperialism with emphasis on development since World War II, and evolution and operation of the United Nations. 2207.00

AA/AS area 2; CSU area D;
IGETC area 4; (C-ID POLS 140)

POSCI 4, 3 Units Political Theory

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Examination of various theoretical approaches to politics and of basic political problems and proposed solutions: Analysis of selected political theories and ideologies, relevance to contemporary socio-political concerns.

2207.00

AA/AS area 2; CSU area D;
IGETC area 4; (C-ID POLS 120)

POSCI 6, 3 Units The U.S. Constitution and Criminal Due Process

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Survey and analysis of people's rights under criminal and civil law: Procedural civil liberties and rights (defendants, court personnel, and police), concepts of due process and equal protection, search and seizure, and applications of principles and practices to everyday life. 2207.00

AA/AS area 2; CSU area D;
IGETC area 4

POSCI 19, 3 Units Introduction Global Studies

3 hours lecture (GR or P/INP). Not open for student who have completed HIST 23. Acceptable for credit: UC/CSU

Survey of globalization: Role of geography, institutions, and major actors; history of globalization; debates related to globalization; interdependence and conflict between different systems; global citizenship. 2207.00

AA/AS area 2
CSU area D6, D7, D8;
IGETC area 4F, 4G, 4H

POSCI 20, 3 Units Global Issues

3 hours lecture (GR or P/INP). Not open for credit to students who have completed HIST 38. Acceptable for credit: UC/CSU

Global issues with emphasis on several major areas of concern: Population trends, economic development and inequality, basic human needs (for food, water, health

Course Announcements

care) human rights, international conflict and security concerns, and environmental problems. 2207.00

*AA/AS area 2; CSU area D;
IGETC area 4*

POSCI 48UA-ZZ, .5-5 Units Selected Topics in Political Science

*0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).
Acceptable for credit: CSU*

See section on Selected Topics. 2207.00

POSCI 49, .5-5 Units Independent Study in Political Science

0-5 hours lecture (GR or P/NP). Acceptable for credit: CSU

See section on Independent Study. 2207.00

POSCI 248UA-ZZ, .5-5 Units Selected Topics in Political Science

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 2207.00

Portuguese

PORT 1A, 5 Units Elementary Portuguese

5 hours lecture (GR or P/NP). This course is equivalent to two years of high school study. Acceptable for credit: UC/CSU.

Study and practice in understanding, speaking, reading, and writing Portuguese: Emphasis on understanding basic grammatical concepts and vocabulary building; readings in Portuguese and on Lusophone countries' life and culture. 1119.00

*AA/AS Area 3; CSU area C2;
IGETC area 3 and Language*

PORT 1B, 5 Units Elementary Portuguese

*5 hours lecture (GR or P/NP). Prerequisite: PORT 1A.
Acceptable for credit: UC/CSU*

Continuation of Portuguese 1A: Study and practice in understanding, speaking, reading, and writing Portuguese with continuing emphasis on understanding basic grammatical concepts and vocabulary building; readings in Portuguese and on all Lusophone Countries' life and culture. 1119.00

*AA/AS Area 3; CSU area C2;
IGETC area 3B and Language*

PORT 48UA-ZZ, .5-5 Units Selected Topics in Portuguese

*0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).
Acceptable for credit: CSU*

See section on Selected Topics. 1119.00

PORT 248UA-ZZ, .5-5 Units Selected Topics in Portuguese

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 1119.00

Psychology

PSYCH 1A, 3 Units Introduction to General Psychology

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Scientific principles of psychology: Application of scientific research in understanding learning, human development, biological processes, personality, behavior disorders, social psychology, and adjustment of the human organism. 2001.00

*AA/AS area 2; CSU area D, E;
IGETC area 4; (C-ID PSY 110)*

PSYCH 6, 3 Units Social Psychology

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Psychological aspects of human social life involved in the relationship between identity and social structure: Human behavior in the context of the individual as an acting and interacting member of various groups in society. 2001.00

*AA/AS area 2; CSU area D, E;
IGETC area 4 (C-ID PSY 170)*

Course Announcements

PSYCH 10, 3 Units

Psychology and Life: Basic Principles

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Basic principles of psychology and recent research developments: Contemporary psychological issues pertaining to individuals and their interactions. 2001.00

*AA/AS area 2; CSU area D, E;
IGETC area 4*

PSYCH 21, 3 Units

Lifespan Human Development

3 hours lecture (GR or P/INP). Acceptable for Credit: UC/CSU

Human development from conception to death: Theories of development, research methods; physical, cognitive, social, and emotional changes of the life span with developmental issues; nature vs. nurture, continuity vs. discontinuity, stability vs. instability. 2001.00

*AA/AS area 2; CSU area D, E;
IGETC area 4; (C-ID PSY 180)*

PSYCH 28, 3 Units

Introduction to Research Methods in Psychology

3 hours lecture (GR or P/INP). Prerequisites: PSYCH 1A and MATH 13. Acceptable for credit: UC/CSU

Introduction to research methods for psychology: Research design; experimental procedures; descriptive methods; instrumentation; collection, analysis, and reporting of research data; review of research design and methodology in various sub-disciplines of psychology. 2001.00

AA/AS area 2; (C-ID PSY 200)

PSYCH 48UA-ZZ, .5-5 Units

Selected Topics in Psychology

0-5 hours lecture, 0-15 hours laboratory (GR or P/INP). Acceptable for credit: CSU

See section on Selected Topics. 2001.00

PSYCH 49, .5-5 Units

Independent Study in Psychology

0-5 hours lecture (GR or P/INP). Acceptable for credit: CSU

See section on Independent Study. 2001.00

PSYCH 248UA-ZZ, .5-5 Units

Selected Topics in Psychology

0-5 hours lecture, 0-15 hours laboratory (GR or P/INP).

See section on Selected Topics. 2001.00

Social Science

SOCSC 2, 3 Units

Introduction to Diversity Issues

3 hours lecture (GR or P/INP). Acceptable for credit: UC/CSU

Complexities of interpersonal relationships among cultures in United States society: Self-concept, values, beliefs, communication, and lifestyle; exploration of individual cultural perceptions; sociological aspects of majority-minority group relationships (ethnic, racial, and gender); respect for differences; sense of community. 2201.00

*AA/AS area 2; CSU area D;
IGETC area 4*

SOCSC 48UA-ZZ, .5-5 Units

Selected Topics in Social Science

0-5 hours lecture, 0-15 hours laboratory (GR or P/INP). Acceptable for credit: CSU

See section on Selected Topics. 2201.00

SOCSC 248UA-ZZ, .5-5 Units

Selected Topics in Social Science

0-5 hours lecture, 0-15 hours laboratory (GR or P/INP).

See section on Selected Topics. 2201.00

Sociology

SOC 1, 3 Units

Introduction to Sociology

3 hours lecture (GR or P/NP). Recommended Preparation: ENGL 1A. Acceptable for credit: UC/CSU

Basic concepts, theoretical approaches, and methods of sociology: Analysis and explanation of social structure, group dynamics, socialization and the self, social stratification, culture and diversity, social change and global dynamics. 2208.00

*AA/AS area 2; CSU area D;
IGETC area 4; (C-ID SOCI 110)*

SOC 2, 3 Units

Social Problems

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Study of society through the application of sociological principles and critical thinking skills to the identification and analysis of selected social problems: Poverty, racism/sexism, drug abuse, crime, and population control. 2208.00

*AA/AS area 2; CSU area D;
IGETC area 4; (C-ID SOCI 115)*

SOC 5, 3 Units

Minority Groups

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Analysis of racial, religious, and ethnic minority groups: General principles of dominant-minority group relations. 2208.00

*AA/AS area 2, 5; CSU area D;
IGETC area 4;
UCB American Cultures;
(C-ID SOCI 150)*

SOC 6, 3 Units

Comparative Social Movements Since the 1960s

*3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU
Recommended Preparation: ENGL 1A.*

Introduction to grassroots social movements since the 1960s: Development of social change in response to inequality in the context of U.S. history and the world abroad; internal and external factors contributing to the emergence of social movements with special attention to the conjuncture of gender, race, ethnicity, culture, ecology, class, disability, and sexual preference in contemporary U.S. culture. 2208.00

*AA/AS area 2; CSU area D;
IGETC area 4*

SOC 7, 3 Units

Sociology of Gender

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Social construction of gender over time and across cultures: Theories of gender, social and behavioral science research on gender, varying masculinities and femininities, the impact of economics, politics, ideologies, and institutions on gendered experiences and practices. 2208.00

*AA/AS area 2; CSU area D;
IGETC area 4; (C-ID SOCI 140)*

SOC 8, 3 Units

Crime and Deviance

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Sociological exploration of the nature, extent, and causes of crime and deviance: Corporate crime, property and violent crime, drug culture, sex work, the criminal justice system, stigmatization, and the socio-political impact of crime and deviance. 2208.00

*AA/AS area 2; CSU area D;
IGETC area 4; (C-ID SOCI 160)*

SOC 13, 3 Units

Sociology of the Family

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Social factors which contribute to marriage and family: Changing historic, economic, and socio-cultural forces that shape intimate and familial relationships. 2208.00

*AA/AS area 2; CSU area D;
IGETC area 4; (C-ID SOCI 130)*

SOC 18, 3 Units

Sociology of Death and Dying

3 hours lecture (GR or P/NP). Acceptable for credit: UC/CSU

Death and dying: Application of sociological principles; historic, economic, social, psychological, cultural, and institutional dynamics of death and dying. 2208.00

AA/AS area 2; CSU area D;
IGETC area 4

SOC 48UA-ZZ, .5-5 Units

Selected Topics in Sociology

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP). Acceptable for credit: CSU

See section on Selected Topics. 2208.00

SOC 120, 3 Units

Introduction to Research Methods

3 hours lecture (GR or P/NP). Prerequisite: SOC 1. Recommended preparation: MATH 13. Acceptable for credit: UC/CSU

Introduction to empirical research for the social sciences: Nature of theory, hypotheses, variables, ethics of research; application of qualitative and quantitative analytic tools including survey, observational, experimental, case study, and comparative historical research. 2208.00

AA/AS area 2; (C-ID SOCI 120, POLS 160)

SOC 248UA-ZZ, .5-5 Units

Selected Topics in Sociology

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

See section on Selected Topics. 2208.00

Spanish

SPAN 1A, 5 Units

Elementary Spanish

5 hours lecture (GR or P/NP). Course is equivalent to two years of high school study. Acceptable for credit: UC/CSU

Development and application of language skills and cultural exploration of the Spanish speaking world: Study and practice in understanding, speaking, reading and writing Spanish; readings in Spanish and Latin-American life and culture; course conducted with Spanish as the primary language of instruction. 1105.00

AA/AS area 3; CSU area C2;
IGETC area Language; (C-ID SPAN 100)

SPAN 1B, 5 Units

Elementary Spanish

5 hours lecture (GR or P/NP). Prerequisite: SPAN 1A. Acceptable for credit: UC/CSU

Continuation of Spanish 1A: Development and application of language skills and cultural exploration of the Spanish speaking world; study and practice in understanding, speaking, reading and writing Spanish; readings in Spanish and Latin-American life and culture; course conducted with Spanish as the primary language of instruction. 1105.00

AA/AS area 3; CSU area C2;
IGETC area 3B and Language;
(C-ID SPAN 110)

SPAN 2A, 5 Units

Intermediate Spanish

5 hours lecture (GR or P/NP). Prerequisite: SPAN 1B. Acceptable for credit: UC/CSU

Conversation, analysis and composition based on selected readings from short stories and articles on culture and history of the Spanish-speaking world: Exploration of culturally relevant topics; grammar review of indicative tenses, imperative and subjunctive mood; expansion of vocabulary and idioms; course conducted in Spanish. 1105.00

AA/AS area 3; CSU area C2;
IGETC area 3B and Language;
(C-ID SPAN 200)

Course Announcements

SPAN 2B, 5 Units

Intermediate Spanish

5 hours lecture (GR or P/INP). Prerequisite: SPAN 2A. Acceptable for credit: UC/CSU

Analysis and composition based on selected readings from Spanish and Latin American literature, articles on culture and history of the Spanish-speaking world: Exploration of culturally relevant topics; continued grammar review with emphasis on past subjunctive and sequence of tenses; advanced conversation; expansion of vocabulary and idioms; course is conducted in Spanish. 1105.00

*AA/AS area 3; CSU area C2;
IGETC area 3B and Language;
(C-ID SPAN 210)*

SPAN 10A, 3 Units

Advanced Spanish Conversation

3 hours lecture (GR or P/INP). Prerequisite: SPAN 2A. Acceptable for credit: UC/CSU

Advanced Spanish conversation: Practice in developing oral fluency through interpretation and discussion of selected readings. 1105.00

*AA/AS area 3; CSU area C2;
IGETC area 3B*

SPAN 10B, 3 Units

Advanced Spanish Conversation

3 hours lecture (GR or P/INP). Prerequisite: SPAN 10A. Acceptable for credit: UC/CSU

Continuation of SPAN 10A: Continued practice in developing oral fluency through interpretation and discussion of selected readings. 1105.00

*AA/AS area 3; CSU area C2;
IGETC area 3B*

SPAN 11, 3 Units

Spanish for the Medical/Health Professions

3 hours lecture (GR or P/INP). Prerequisite: SPAN 1A. Acceptable for credit: CSU

Introductory Spanish for the medical and health professions: Cultural, geographical, and linguistic aspects of the Spanish-speaking world as relevant to the medical profession. 1105.00

SPAN 12, 3 Units

Spanish for the Business Professions

3 hours lecture (GR or P/INP). Prerequisite: SPAN 1A. Acceptable for credit: CSU

Introductory Spanish for the world of business: Cultural, geographical, and linguistic aspects of the Spanish-speaking world as relevant to business. 1105.00

SPAN 15, 3 Units

Spanish Composition

2 hours lecture, 3 hours laboratory (GR or P/INP).

Recommended Preparation: SPAN 2A. Course is conducted entirely in Spanish. Acceptable for credit: UC/CSU

Intermediate Spanish composition: Writing in Spanish, including writing strategies as well as recognition and self-correction of errors. 1105.00

AA/AS area 3

SPAN 22A, 5 Units

Spanish for Bilingual Speakers I

5 hours lecture (GR or P/INP). Prerequisite: Spanish native speaker proficiency or the equivalent intermediate level. Course is equivalent to two years of high school study. Course is conducted entirely in Spanish. Acceptable for credit: UC/CSU

Elementary and intermediate Spanish for students whose native language is Spanish: Critical reading and discussion of selected readings in Spanish with emphasis on reading development, spelling (orthography), grammar, lexical expansion, and composition. 1105.00

*AA/AS area 3; CSU area C2;
IGETC area Language; (C-ID SPAN 220)*

Course Announcements

SPAN 22B, 5 Units

Spanish for Bilingual Speakers II

5 hours lecture (GR or P/NP). Prerequisite: SPAN 22A.

Course is conducted entirely in Spanish. Acceptable for credit: UC/CSU

Continuation of SPAN 22A: Intermediate and advanced intermediate Spanish for students whose native language is Spanish; critical reading and discussion of selected readings in Spanish with emphasis on reading development, orthography, grammar, lexical expansion and composition. 1105.00

AA/AS area 3; CSU area C2;
IGETC area Language; (C-ID SPAN 230)

SPAN 35A, 3 Units

Intermediate Conversational Spanish:

Current Events

3 hours lecture (GR or P/NP). Recommended Preparation: SPAN 1B or 30B. Acceptable for credit: CSU

Emphasis on intermediate-level conversational practice with a focus on current events: Grammar review as needed; readings from conversation textbook, newspapers, and magazines in Spanish. 1105.00

CSU area C2

SPAN 35B, 3 Units

Intermediate Conversational Spanish: Film

3 hours lecture (GR or P/NP). Recommended Preparation: SPAN 1B or 30B. Acceptable for credit: CSU

Emphasis on intermediate-level conversational practice with a focus on films: Grammar review as needed; readings from conversation textbook; films in Spanish. 1105.00

AA/AS area 3; CSU area C2

SPAN 38, 3 Units

Latin American Literature

3 hours lecture (GR or P/NP). Recommended Preparation: SPAN 2A or SPAN 22A. Acceptable for credit: UC/CSU

Contemporary Latin-American literature: Reading of short stories and poetry from prominent Latin-American writers, such as Carlos Fuentes, Gabriel García-Márquez, Julio Cortázar, Pablo Neruda, and many others. 1105.00

AA/AS area 3; CSU area C2,
IGETC area 3B

SPAN 39, 3 Units

Latin-American Novel

3 hours lecture (GR or P/NP). Recommended preparation: SPAN 2A. Course is conducted entirely in Spanish. Acceptable for credit: UC/CSU

Contemporary Latin-American fiction: Reading of novels by prominent Latin-American writers. 1105.00

AA/AS area 3; CSU area C2;
IGETC area 3B

SPAN 40, 3 Units

Hispanic Civilization and Culture

3 hours lecture (GR or P/NP). Recommended Preparation: SPAN 2A or SPAN 22A. Course is conducted entirely in Spanish. Acceptable for credit: UC/CSU

Study of Hispanic civilization and culture: Readings in Spanish designed to develop active language skills. 1105.00

AA/AS area 3; CSU area C2;
IGETC area 3B

SPAN 48UA-ZZ, .5-5 Units

Selected Topics in Spanish

0-5 hours lecture, 0-15 hours of laboratory (GR or P/NP). Acceptable for credit: UC/CSU

See section on Selected Topics. 1105.00

SPAN 49, .5-5 Units

Independent Study in Spanish

0-5 hours lecture (GR or P/NP). Acceptable for credit: CSU
See section on Independent Study. 1105.00

Course Announcements

SPAN 101, 3 Units

Basic Spanish for the Education Profession

3 hours lecture (GR or P/NP). Acceptable for credit: CSU

Introductory Spanish for the education profession: Cultural, geographical, and linguistic aspects of the Spanish-speaking world as relevant to education. 1105.00

SPAN 248UA-ZZ, .5-5 Units

Selected Topics in Spanish

0-5 hours lecture, 0-15 hours of laboratory (GR or P/NP).

See section on Selected Topics. 1105.00

Women's Studies

WS 1, 3 Units

Introduction to Women's Studies

3 hours lecture (GR or P/NP). Not open for credit to students who have completed SOCSC 1. Acceptable for credit: UC/CSU

Contemporary issues concerning women and girls in diverse national, cultural, racial/ethnic, and social class contexts: Theories of and strategies for women's empowerment on the personal, institutional, societal, and global levels. 2201.10

*AA/AS area 2; CSU area D;
IGETC area 4*

WS 35, 3 Units

Feminist Philosophy

3 hours lecture (GR or P/NP). Also offered as PHIL 35. Not open for credit to students who have completed or are currently enrolled in PHIL 35. Acceptable for credit: UC/CSU

Introduction to feminist philosophy through the study of different philosophical approaches to and bases for feminism: Historical, cultural, and political approach to feminist theories in relation to one another and to other branches of philosophy. 2201.10

*AA/AS area 3; CSU area C2;
IGETC area 3B*

WS 48UA-ZZ, .5-5 Units

Selected Topics in Women's Studies

0-5 hours lecture, 0-15 hours laboratory (GR or P/NP).

Acceptable for credit: CSU

See section on Selected Topics. 2201.10

WS 52, 4 Units

Women and Cinema

4 hours lecture (GR or P/NP). Recommended preparation: HUMAN 21 or an introduction to Film Studies course. Also offered as HUMAN 52. Not open for credit to students who have completed or are currently enrolled in HUMAN 52. Acceptable for credit: UC/CSU

Analysis of women in cinema and of feminist and queer film criticism: Feminist film theory, criticism, and history; women as readers of film; women's independent film; women's often conflicted relationship with film representations; and the role of sexuality and gender in film viewing and representation. 2201.10

*AA/AS area 3; CSU area C1;
IGETC area 3A*