

FALL ADDENDUM



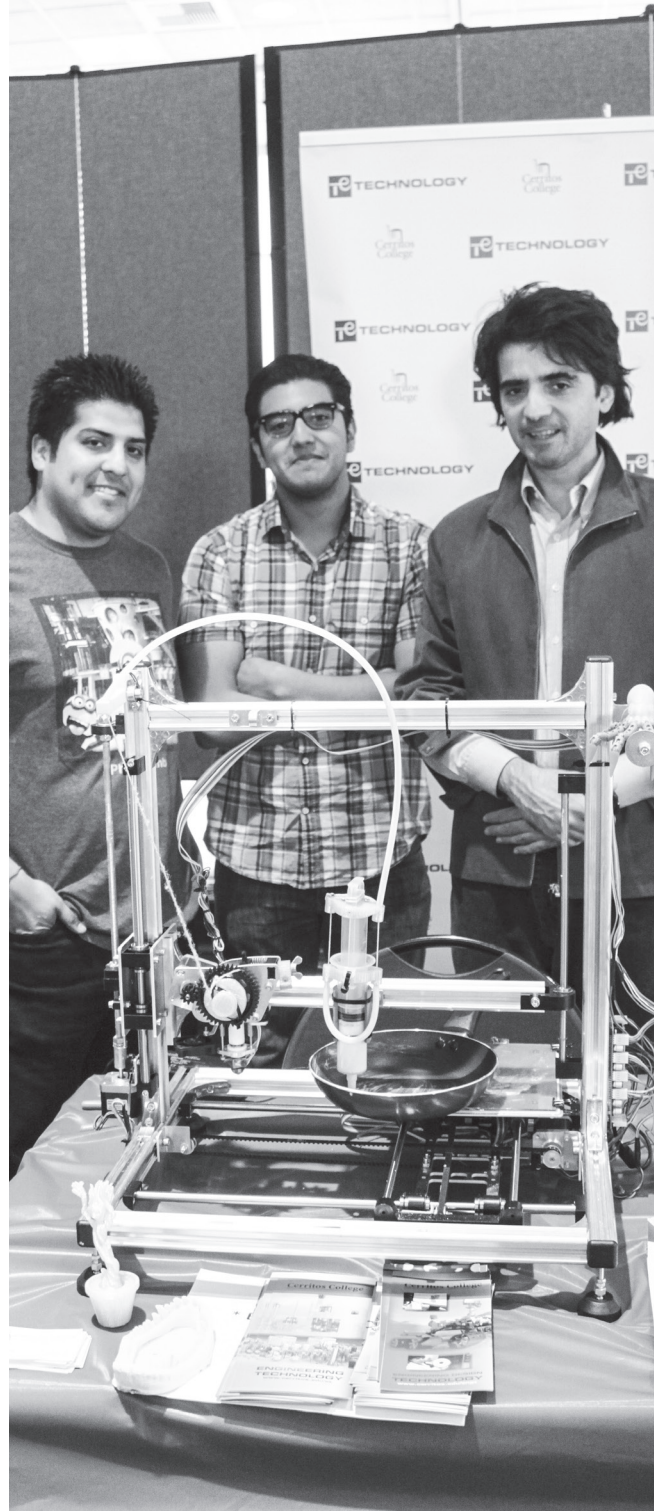
CATALOG
2019-2020

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ARCHITECTURAL COMPUTER-AIDED DRAFTING AND DESIGN

CERTIFICATE OF ACHIEVEMENT

The Architectural Computer-Aided Drafting and Design (CADD) Certificate prepares students to work as computer-aided drafting/designers in industry and to upgrade the skills of persons presently employed as drafters/designers. This 16-unit certificate will train students in the major CAD programs utilized in industry

REQUIRED COURSES	UNITS
ARCH 123 Introduction to 2D Computer Aided Drafting	4
ARCH 213 Introduction to 3-D Computer Aided Drafting	4

Choose two of the following courses:

ARCH 221 AutoCAD Architecture	4
ARCH 223 REVIT Architecture	4
ENGT 259 SolidWorks Introduction	4
Total Certificate Requirement	16

ARCHITECTURAL DRAFTING AND DESIGN

CERTIFICATE OF ACHIEVEMENT

The Architectural Drafting and Design Certificate prepares students to work as drafters/designers in industry and to upgrade the skills of persons presently employed as drafters/designers. This 14-unit certificate will train students in the drafting/design techniques utilized in industry

REQUIRED COURSES	UNITS
ARCH 111 Architectural Drafting and Design I	3
ARCH 121 Architectural Drafting and Design II	3
ARCH 122 Architectural Delineation	2
ARCH 212 Architectural Design Theory I	3
ARCH 222 Architectural Design Theory II	3

Total Certificate Requirement 14

ARCHITECTURAL PRACTICE

CERTIFICATE OF ACHIEVEMENT

The Architectural Practice Certificate prepares students to work in the industry and to upgrade the skills of persons presently employed in the industry. This 16-17 unit certificate will train students in the fundamentals of Architectural Practice utilized in industry

REQUIRED COURSES	UNITS
ARCH 111 Architectural Drafting and Design I	3
ARCH 123 Introduction to 2D Computer Aided Drafting	4
ARCH 212 Architectural Design Theory I	3

Choose two of the following:

ARCH 110 Introduction to Architecture and Environmental Design	3
ARCH 112 History of Architecture	3
ARCH 113 Building Codes	4
ARCH 114 Green Architecture and LEED	3
Total Certificate Requirement	16-17

ARCHITECTURAL TECHNOLOGY

CERTIFICATE OF ACHIEVEMENT

This program emphasizes the technical aspects of the architectural profession while including its artistic components. Students are provided with an in-depth knowledge of the career and technical skills required to succeed in the profession and to potentially continue their studies at a professional school of architecture

REQUIRED COURSES (34 UNITS TOTAL)	UNITS
ARCH 110 Introduction to Architecture and Environmental Design	3
or ARCH 114 Green Architecture and LEED	(3)
ARCH 111 Architectural Drafting and Design I	3
ARCH 112 History of Architecture	3
ARCH 113 Building Codes	4
ARCH 121 Architectural Drafting and Design II	3
ARCH 123 Introduction to 2D Computer Aided Drafting	4
ARCH 212 Architectural Design Theory I	3
ARCH 213 Introduction to 3-D Computer Aided Drafting	4
ARCH 221 AutoCAD Architecture	4
or ARCH 223 REVIT Architecture	(4)
ART 110 Freehand Drawing	3
TOTAL REQUIREMENTS:	34

Recommended Electives:

ARCH 101 Introduction to Civil Engineering and Architecture	4
ART 185 Rendering I	3
BA 100 Fundamentals of Business	3
PSYC 101 General Introductory Psychology	3
RE 101 Real Estate Principles	3

BUSINESS ESSENTIALS

CERTIFICATE OF ACHIEVEMENT

The Business Administration Department is committed to offering courses to supplement majors in related or vocational areas. For Business Administration students' general knowledge and their own lives, Business helps to promote a better understanding of an increasingly complex world and learn tools to better cope with a rapidly changing world

The Business Administration programs are stacking and laticing all of the Business Administration certificates using a model that has been developed by the consortium of colleges from Alaska, California, Texas, and Oregon. To align this program with the model, classes were divided in business essential classes and core classes.

BUSINESS CORE COURSES (12.0-12.5 UNITS)	UNITS
BA 100 Fundamentals of Business	3
or BA 104 Managing Cultural Diversity	(3)
or BA 106 Human Resource Management	(3)
or BA 107 Human Relations in Business	(3)
BA 120 Management Accounting and Internal Control	3
or ACCT 100 Introduction to Accounting	(3)
BA 132 Computer Applications for Managers	3
or CIS 101 Introduction to Computer Information Systems	(3)
or BCOT 114 Introduction to Microsoft Office	(3.5)
BA 156 Motivational Presentation Skills for Managers	3
or COMM 100 Introduction to Communication Studies	(3)

or COMM 130 Public Speaking	(3)
or BCOT 148 Effective Business Presentations	(3)
or BCOT 247 Managerial Business Communications	(3)
Total Certificate Requirements	12-12.5

Business Essentials Certificate of Achievement:

Complete the BUSINESS CORE COURSES (12.0-12.5) with a grade point average of “C” or higher or “Pass.”

SOC 215	Sociology of Cultural Diversity, Challenge and Change	3
SOC 210	American Minority Relations	3
SPAN 201	Intermediate Spanish	5
SPAN 202	Intermediate Spanish	4
SPAN 210	Highlights of Hispanic Culture	3
WGS 101	Issues for Women in American Society	3
WGS 105	Gender Studies and the Chicana/Latina Experience	3
Total Major Requirements		25-28

CHICANO STUDIES

ASSOCIATE IN ARTS

The mission of the Chicano Studies Department is to develop in students the academic tools to recognize, critically understand, and appreciate the social, historical, and continuing cultural significance of these communities. The program prepares Chicano Studies majors to effectively transfer to four-year universities, participate in the workplace, and to affect positive change as it relates to local, national and global purposes. Requiring completion of courses from the fields of History, Art, Women’s Studies, Sociology, Philosophy, Psychology, Spanish, English and Anthropology, the Chicano Studies Degree explores intersectionality globally, within Mexican American, Chicana/o and Latina/o communities and racialized societies. To enact change through civic advocacy, majors are empowered to apply their knowledge and skills in the service of their communities and to act in accord with the principles of social justice that they have acquired

REQUIRED COURSES (19.0 UNITS):

ENGL 223	Chicana/Chicano Literature	3
ENGL 225	Mexican Literature in Translation	3
SPAN 101	Elementary Spanish	5
or SPAN 111	Elementary Spanish for Spanish Speakers	(5)
SPAN 102	Elementary Spanish	5
or SPAN 112	Elementary Spanish for Spanish Speakers	(5)
SPAN 245	Introduction to Chicano/Mexican American Culture	3
Subtotal:		19

ELECTIVE COURSES CHOOSE TWO COURSES (6.0 – 9.0 UNITS):

ANTH 100	Cultural Anthropology	3
ANTH 170	Introduction to Language and Culture	3
ANTH 202	The Maya, Inca and Aztecs: Ancient Civilizations of the Americas	3
ART 105A	The Arts of Latin America and the Caribbean: Pre-Columbian	3
ART 105B	The Arts of Latin America and the Caribbean: Colonial to the Present	3
COUN 150	Dynamics of Leadership	3
HIST 120	History of California	3
HIST 230	History of Mexico	3
HIST 235	History of Latin America	3
HO 100	Health of Underserved Communities	3
HUM 108	Black Images in Popular Culture	3
or ART 108	Black Images in Popular Culture	(3)
INST 100	Principles and Strategies for Problem Solving	3
PHIL 104	Philosophy of Cultural Diversity: Challenge and Change	3
PHIL 200	World Religions	3
PSYC 261	Social Psychology	3
SOC 201	Social Problems	3

ASSOCIATE IN ARTS DEGREE REQUIREMENTS:

Complete the following (1) major requirements, (2) the A.A. Degree General Education requirements for, and (3) electives to achieve a minimum of 60 units.

CHILD DEVELOPMENT CORE

CERTIFICATE OF ACHIEVEMENT

The 12 unit Child Development Core Certificate is designed to meet the minimum requirements of the Department of Social Services to teach in licensed private preschools and childcare programs. This is an entry-level career choice. While students are encouraged to pursue additional units in Child Development to advance in the field, the goal is to provide students training to move directly into the workforce. Completion of the Core Certificate combined with work experience allows students to be eligible for the Associate Teacher level of the Permit.

REQUIRED CORE COURSES

CD 110	Child Development	3
CDEC 111	Principles and Practices in Early Childhood Education	3
CDEC 112	Introduction of Curriculum	3
CDEC 113	The Child, Family, and Community	3
Total Certificate		12

CHILD DEVELOPMENT CORE PLUS

CERTIFICATE OF ACHIEVEMENT

The 18 unit Core PLUS Certificate is designed to meet both the minimum requirements of the Department of Social Services to teach in licensed private preschools and childcare programs and to complete an early childhood education specialty focus. The goal is to provide students coursework to move directly into the workforce while working toward an AA degree. Completion of the Core PLUS Certificate combined with work experience allows students to be eligible for the Associate Teacher level of the Permit.

REQUIRED CORE COURSES

CD 110	Child Development	3
CDEC 111	Principles and Practices in Early Childhood Education	3
CDEC 112	Introduction of Curriculum	3
CDEC 113	The Child, Family, and Community	3

6 units Specialty Option

Selected from Infant/Toddler Specialization, Special Education Specialization, or ECE Curriculum Planning Specialization

Infant/Toddler Specialization

CDIT 151	Infant and Toddler Development	3
CDIT 152	Care and Education for Infants and Toddlers	3

Special Education Specialization

CDSE 150	Introduction to Children with Special Needs	3
CDSE 152	Curriculum and Strategies for Children with Special Needs	3

or

ECE Curriculum Planning Specialization(select 2 out of the 4 below)

CDEC 62	Exploring Creative Art Expression by Children	3
CDEC 63	Early Childhood Experiences in Language Arts and Social Sciences	3
CDEC 65	Music and Movement for Children	3
CDEC 133	Early Childhood Experiences in Math and Sciences	3

Total Certificate Requirement 18

COMMUNICATION STUDIES

ASSOCIATE IN ARTS DEGREE FOR TRANSFER

The Associate in Arts Degree in Communication Studies for Transfer at Cerritos College provides students with seamless transfer into the CSU system to complete a baccalaureate degree in Communication Studies. By successfully completing the courses for the AA-T, students will gain practical and theoretical understanding for future communication studies work. They will also gain breadth and depth of communication competence to significantly impact future employment and promotion. Furthermore, while meeting the Associate in Arts Degree for Transfer in Communication Studies requirements, students can satisfy up to four different general education transfer requirements (Oral Communication, Social Science, Humanities and Critical Thinking) as well as earn a Certificate of Completion (12 units).

Required Core (3 units- one course)

COMM 130	Public Speaking	3
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List A (6 units — Choose any two courses)

COMM 120	Interpersonal Communication	3
COMM 132	Small Group Communication	3
COMM 103	Argumentation, Persuasion, and Critical Thinking	3

List B (6 units-Choose a minimum of two courses) Any List A course not used above

COMM 110	Intercultural Communication	3
COMM 140	Oral Interpretation of Literature	3
COMM 125	Organizational Communication	3
*COMM 231	Forensics Activity 1 (Competitive Speech and Debate)	1
*COMM 232	Forensics Activity 2 (Competitive Speech and Debate)	2
*COMM 233	Forensics Activity 3 (Competitive Speech and Debate)	3

List C (3 units-Choose one course) Any List A or B course not used above

COMM 100	Introduction to Communication Studies	3
COMM 115	Gender, Communication and the Digital Revolution	3
or WGS 115	Gender, Communication and the Digital Revolution	(3)
COMM 145	Storytelling	3
COMM 200	Contemporary Communication Topics	3
COMM 148	Readers' Theater	3
ANTH 100	Cultural Anthropology	3
ENGL 102	Introduction to Literature	3
JOUR 100	Mass Communication and Society	3
PSYC 101	General Introductory Psychology	3
SOC 101	Introductory Sociology Principles	3
TOTAL UNITS FOR THE MAJOR		18

* Up to 3 forensics units may be used toward the Associate in Arts Degree in Communication Studies for Transfer (AA-T)

ASSOCIATE IN ARTS IN COMMUNICATION STUDIES FOR TRANSFER REQUIREMENTS

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a) The Intersegmental GE Transfer Curriculum (IGETC) or the California State University GE-Breadth Requirements (CSU GE-Breadth).
 - b) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
2. Obtainment of a minimum grade point average of 2.0.

ELEMENTARY TEACHER EDUCATION

ASSOCIATE IN ARTS FOR TRANSFER DEGREE (AA-T)

The Associate in Arts in Elementary Teacher Education for Transfer Degree is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Elementary Teacher Education, or similar major. Upon completion of the AA-T in Elementary Education, students will be able to:

- defend an educational position, view, or theory from more than one perspective using primary and secondary sources to understand the important arguments in the field of Education
- develop and defend their own educational philosophy and point of view
- demonstrate a basic understanding of pedagogical methodology relevant to each of the courses offered in the program
- demonstrate an enhanced ability to articulate ideas about educational issues
- identify/recognize consistencies and inconsistencies of specific educational theories or worldviews
- use educational language relevant to an issue or theory
- compare and contrast the core of an educational problem, issue, or question
- develop the skills to become responsible participants of complex democratic societies

REQUIRED CORE: (42 UNITS)

EDEL 200	Introduction to the Teaching Profession	3
CD 110	Child Development	3
BIOL 120	Introduction to Biological Science	4
PS 112	Physical Science for Elementary School Teachers	3
ESCI 110	Introduction to Earth Science	4
MATH 110A	Mathematics for Elementary School Teachers	3
COMM 130	Public Speaking	3
ENGL 100	Freshman Composition	4
ENGL 102	Introduction to Literature	3
GEOG 105	World Regional Geography	3
HIST 102	Political and Social History of the United States 1500s to 1876	3
HIST 245	World Civilization from Antiquity to 1500	3
POL 101	American Political Institutions	3

LIST A - SELECT one COURSE (3 UNITS)

COMM 103	Argumentation, Persuasion and Critical Thinking	3
ENGL 103	Critical and Argumentative Writing	3
ENGL 110	Critical Thinking Through Literature	4
PHIL 103	Philosophical Reasoning: Critical Thinking in Philosophy	3
PHIL 106	Introduction to Logic	3
PSYC 103	Critical Thinking in Psychology	3
READ 200	Analysis and Critical Reading	3

LIST B - SELECT ONE COURSE (3 UNITS)

ART 100	Introduction to World Art	3
DANC 101	Dance Appreciation	3
MUS 100	Music Appreciation	3
TH 101	Introduction to Theatre	3
	TOTAL UNITS FOR THE MAJOR:	48-49

ASSOCIATE IN ARTS IN ELEMENTARY TEACHER EDUCATION FOR TRANSFER REQUIREMENTS:

Complete the following (1) 60 semester or 90 quarter CSU – transferable units (2) The California State University-General Education-Breadth pattern (CSU GE-Breadth); or the Intersegmental General Education Transfer Curriculum (IGETC) pattern (3) A minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district (4) Obtainment of a minimum grade point average (GPA) of 2.0 (5) Earn a grade of “C” or better in all courses required for the major or area of emphasis.

ENGINEERING: AEROSPACE AND MECHANICAL SPECIALTY

ASSOCIATE OF SCIENCE

An associate of science degree in engineering with a specialty in either aerospace or mechanical engineering provides students with an introductory knowledge of physics, chemistry, and math, and provides the skills necessary to pursue upper-division coursework at a four-year university as well as the experience needed for undergraduate research and entry-level internships. The degree program is composed of some common courses that are consistent with the transfer requirements to both UC and CSU systems and some elective and specialty courses that allow the student to tailor the degree to match some of the specific requirements of his or her transfer institution. This enables efficient completion of the A.S. degree while simultaneously completing transfer requirements, thus promoting timely completion of a bachelor's degree in either mechanical or aerospace engineering

CORE REQUIREMENTS

CHEM 111	General Chemistry	5
MATH 170	Analytic Geometry and Calculus I	4
MATH 190	Analytic Geometry and Calculus II	4
MATH 225	Calculus III	5
PHYS 201	Engineering Physics	4
PHYS 202	Engineering Physics	4

SPECIALTY REQUIREMENTS

Select three courses from the following:

CHEM 112	General Chemistry	5
CIS 180	Programming in C/C++	3
ENGR 110	Introduction to Engineering	2
ENGR 112	Engineering Graphics	3
ENGR 210	Materials Science and Engineering	4
ENGR 235	Statics	3
ENGR 240	Dynamics	3
ENGR 245	Strength of Materials	3
ENGT 131	Design Fundamentals Including 3-D Modeling	3
ENGT 138	Introduction to Engineering Design Using AutoCAD	4
MATH 250	Linear Algebra and Differential Equations	5
PHYS 203	Engineering Physics	4

TOTAL UNITS FOR THE MAJOR 34-40

Completion of a minimum of 60 semester-units to include (1) the courses listed above, (2) the A.A. degree general education requirements, and (3) a grade of “C” or better in all courses required for the major

ENGINEERING DESIGN TECHNOLOGY**ASSOCIATE OF ARTS**

Graduates of the ENGT program from Cerritos College find their work in such diverse areas as designing components, tooling and production systems for aircrafts, spaceships, medical devices/artificial organs, process/oil refineries equipment, robots, manufacturing systems, automotive, construction, machineries and general merchandise products. Our students can choose specialization between 3 industry leading CAD systems, and become an expert mechanical designer in AutoCAD™, SOLIDWORKS™ or AutoDesk Inventor™.

COMPLETE THE CORE COURSES		UNITS
ENGT 116	Blueprint Reading	2
ENGT 117	Geometrical Dimensioning and Tolerancing	2
ET 101	Principles of Engineering Technology	3
ENGT 131	Design Fundamentals Including 3-D modeling	3
MTT 56	CNC Shop Inspection	2
Total Core		12

AND

Chose one of the three offered specialization tracks and complete courses in individual track, and complete all courses within the track:

2D AND 3-D DESIGN WITH AUTOCAD SPECIALTY TRACK

ENGT 138	Introduction to Engineering Design Using AutoCad	4
ARCH 213	Introduction to 3-D Computer Aided Drafting	3.5
Total Track		7.5

OR**3-D PARAMETRIC MODELLING DESIGN WITH SOLIDWORKS SPECIALTY TRACK**

ENGT 259	SolidWorks Introduction	4
ENGT 260	Advanced Modeling Using SolidWorks	4
Total Track:		8

OR**3-D PARAMETRIC MODELLING DESIGN WITH AUTODESK INVENTOR SPECIALTY TRACK**

ENGT 103	Introduction to Engineering Design Using Inventor	3
ENGT 257	Advanced Modeling Using Inventor	3.5
Total Track		6.5

Total Engineering Design Technology Certificate 18.5-20

ENGINEERING DESIGN TECHNOLOGY**CERTIFICATE OF ACHIEVEMENT**

Graduates of the ENGT program from Cerritos College find their work in such diverse areas as designing components, tooling and production systems for aircrafts, spaceships, medical devices / artificial organs, process/oil refineries equipment, robots, manufacturing systems, automotive, construction, machineries and general merchandise products. Our students can choose classes between 5 industry leading CAD systems, and become an expert mechanical designer in Fusion 360™, OnShape™, AutoCAD™, SOLIDWORKS™ or AutoDesk Inventor™.

COMPLETE THE CORE COURSES		UNITS
ENGT 116	Blueprint Reading	2
ENGT 117	Geometrical Dimensioning and Tolerancing	2
ENGT131	Design Fundamentals Including 3-D modeling	3
ET 101	Principles of Engineering Technology	3
MTT56	CNC Shop Inspection	2

And choose any of the courses listed below, for a total of at least 4 units:

ARCH 213	Introduction to 3-D Computer Aided Graphics	3.5
ENGT 103	Introduction to Engineering Design Using Inventor	3
ENGT 137	Industrial Design and 3-D Modelling in Fusion360	4
ENGT 138	Introduction to Engineering Design Using AutoCAD	4
ENGT 139	Cloud Based 3-D Modeling with OnShape	4
ENGT 257	Advanced Modeling Using Inventor	3.5
ENGT 259	SolidWorks Introduction	4
ENGT 260	Advanced Modeling Using SolidWorks	4
TOTAL Engineering Design Technology Certificate		16-20

Recommended Electives:

In order to broaden their understanding of design for manufacturing and to further enhance understanding of selected topics in design technologies, students are encourage to take one or more of the recommended elective classes:

ENGT 102, ENGT104, ENGT105, ENGT 106, ENGT133, ENGT 137, ENGT 139, ENGT153, ENGT237, ENGT258, ENT261, ENGT262, ENGT263, ENGT 267, ET102, ET103, ET105, NPD100, NPD101, NPD102, NPD103, NPD105, MTT100, MTT180, MTT51, MTT62, MTT68, PMT100, PMT221, PMT51, PMT70, PMT76, PMT72, PMT59, WELD100, WMT101

ENGINEERING TECHNOLOGY - MECHANICAL ENGINEERING DESIGN TECHNICIAN

CERTIFICATE OF ACHIEVEMENT

Engineering Technology focuses on application and implementation of concepts in the engineering field. Our program prepares students to become technicians in industry. Those technicians typically assist engineers on a daily basis. This field of study also provides a general understanding of technology that is very useful in any technical field. Students interested in continuing their studies can transfer to Engineering Technology programs at universities.

		UNITS
ET 101	Principles of Engineering Technology	3
ENGT 103	Introduction to Engineering Design Using Inventor	3
MTT 180	Robotics for Computer Numerically Controlled Machines	3
Plus one course from the following:		
ET 102	Electronics for Engineering Technologists	3
ENGT 104	Principles of Aerospace Design Technology	4
ENGT 131	Design Fundamentals Including Solid Modeling	3
MTT 51	MasterCAM Milling	3.5
WELD 120	Beginning Arc Welding	5
	—	
	Total Certificate Requirements	12-14

ENGLISH

ASSOCIATE IN ARTS DEGREE FOR TRANSFER (AA-T)

The English department offers a variety of literature and creative writing classes that assist majors in completing seamless transfer to CSU, as well as in discovering an affinity for literary periods, genres, and authors that inspire specialized study in upper-division coursework upon transfer. Literature classes are offered in 2-year cycles, while creative writing classes are offered annually, ensuring that students have the opportunity to complete transfer requirements while aiding in their educational planning. As students complete their major and degree requirements, or as they add GE or humanities electives, they may select from one of three areas in literature study: survey classes (British, American, World, and Bible as literature), genre classes (novel, short fiction, poetry, drama, film), and classes in culture and diversity (including Asian American, African American, Native American, Chicano/a, Mexican Lit. in Translation, Women's lit., Children's lit., and Modern and Contemporary lit.). Students may also pursue the Creative Writing Certificate as a means of expanding their writing skills and understanding of the stylistic and technical elements of writing and reading literature.

REQUIRED CORE (4-6 UNITS)

Select 1 of 2 Options

Option 1: Select two (6 units)

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

OR

Option 2: Select one (4 units)

ENGL 110	Critical Thinking through Literature	4
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LIST A: SELECT TWO (6 UNITS)

ENGL 230A	Introduction to American Literature	3
ENGL 230B	Introduction to American Literature	3
ENGL 246A	Survey of British Literature A: Anglo-Saxon to 18 -Century Literature	3
ENGL 246B	Survey of British Literature B: Romantics to Present	3
ENGL 248A	Masterpieces of World Literature	3
ENGL 248B	Masterpieces of World Literature	3

LIST B: Select courses based on option chosen in Required Core:

Option 1: 3 units

Option 2: 6 units

Any LIST A courses not already taken

ENGL 232	Readings in Poetry	3
ENGL 233	Readings in the Novel	3
ENGL 234	Readings in Short Fiction	3
ENGL 235	Readings in the Drama	3
ENGL 225	Mexican American Literature in Translation	3
ENGL 228	Shakespeare's Plays	3
ENGL 240	Creative Writing	3
ENGL 245	World Mythology in Literature	3

LIST C: SELECT ONE (3-5 UNITS)

Any course from List A and B not already used, OR any language course other than English which is articulated to fulfill CSU GE Area C, or IGETC Area 3B OR any CSU transferable English course:

ASL 110	American Sign Language I	4
ASL 111	American Sign Language II	4
ASL 210	American Sign Language III	4
ASL 211	American Sign Language IV	4
ASL 220	Deaf Culture	3
CHIN 101	Elementary Chinese I	5
CHIN 102	Elementary Chinese II	5
CHIN 201	Intermediate Chinese I	5
CHIN 202	Intermediate Chinese II	5
CHIN 260	Chinese Culture and Society	3
COMM 140	Oral Interpretation of Literature	3
COMM 145	Storytelling	3
ENGL 106	Introduction to Linguistics	3
ENGL 221A	Literature in the Bible: Hebrew Scriptures	3
ENGL 221B	Literature in the Bible: Christian Scriptures	3
ENGL 222	Children's Literature	3
ENGL 223	Chicana/o Literature	3
ENGL 224	Native American Literature	3
ENGL 226	African American Literature	3
ENGL 227	Modern and Contemporary Literature	3
ENGL 231	Literature and Film	3
ENGL 236	Studies in Women's Literature	3
ENGL 237	Asian American Literature	3
ENGL 239	Literature of India	3
ENGL 241	Screenwriting	3
or FILM 241	Screenwriting	(3)
ENGL 242	Writing Poetry	3
ENGL 243	Playwriting	3
ENGL 244	Writing Short Fiction	3
ENGL 247	Writing Creative Nonfiction	3
ENGL 249	LGBT Literature	3
FREN 101	Elementary French	5

FREN 102	Elementary French	5
FREN 201	Intermediate French	5
FREN 202	Intermediate French	4
FREN 203	Intermediate French Advanced Level 1	4
FREN 282	Intermediate Conversational French	3
FREN 283	Beginning Conversational French	3
FREN 285	Romance Linguistics	3
GERM 101	Elementary German I	5
GERM 102	Elementary German II	5
GERM 201	Intermediate German I	4
GERM 202	Intermediate German II	4
JAPN 101	Elementary Japanese I	5
JAPN 102	Elementary Japanese II	5
JAPN 201	Intermediate Japanese I	5
JAPN 202	Intermediate Japanese II	4
SPAN 101	Elementary Spanish	5
SPAN 102	Elementary Spanish	5
SPAN 111	Elementary Spanish for Speakers of Spanish	5
SPAN 112	Elementary Spanish for Speakers of Spanish	5
SPAN 201	Intermediate Spanish	5
SPAN 202	Intermediate Spanish	4
SPAN 210	Highlights of Hispanic Culture	3
SPAN 245	Introduction to Chicano/Mexican American Culture	3
SPAN 285	Romance Linguistics	3

OR any of the following:

JOUR 100	Mass Communications	3
or JOUR 101	Beginning Newswriting and Reporting	3
COMM 140	Oral Interpretation of Literature	3
HUM 100	The Art of Being Human	3
TH 101	Introduction to the Theatre	3
	TOTAL MAJOR REQUIREMENT	18-21

ASSOCIATE IN ARTS IN ENGLISH FOR TRANSFER REQUIREMENTS:

Complete the following (1) 60 semester or 90 quarter CSU – transferable units (2) The California State University-General Education-Breadth pattern (CSU GE-Breadth); or the Intersegmental General Education Transfer Curriculum (IGETC) pattern (3) A minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district (4) Obtainment of a minimum grade point average (GPA) of 2.0 (5) Earn a grade of “C” or better in all courses required for the major or area of emphasis.

PARALEGAL

CERTIFICATE OF ACHIEVEMENT

The Paralegal Certificate of Achievement from our American Bar Association [ABA] approved Paralegal Program is designed to provide the necessities for the graduate to enter the workforce as a paralegal. Employment opportunities for paralegals includes: private law practice; governmental agencies such as courts; the private sector in businesses such as title or other insurance companies, in-house patent division with larger corporations, or other businesses with staff attorneys; and in the community service field such as with legal clinics and self-help centers.

SECTION A

Paralegal Core Requirements for Paralegal Certificate Candidates:

		UNITS
LAW 56	Introduction to Computerized Legal Software	3
LAW 100*	Introduction to California Civil Procedures	3
LAW 101	Introduction to Law	3
LAW 102*	Advanced California Civil Procedures	3
LAW 103*	Legal Research	3
LAW 111	Business Law	3
LAW 120*	Legal Ethics	3
LAW 290*	Capstone Course — Paralegal Program	1
	Total Requirements for Section A:	22

SECTION B

Must complete 6 additional units from the list below of which 6 units must be courses marked with an asterisk. Students are entitled and encouraged to take additional elective courses in addition to the minimum required

		UNITS
LAW 52	Law Office Management	3
LAW 57	Legal Document Production	3
LAW 65*	Advanced Computerized Legal Software	3
LAW 104*	Advanced Legal Research	3
LAW 105*	Introduction to Federal and California Employment and Labor Law	3
LAW 106*	Bankruptcy Law	3
LAW 107*	Probate Procedures	3
LAW 108*	Family Law Procedures	3
LAW 109*	Torts and Personal Injury	3
LAW 110	Business Law	3
LAW 112*	Estate Planning for the Paralegal	3
LAW 113*	Fundamentals of Alternate Dispute Resolutions	3
LAW 114	Law on the Internet	3
LAW 115*	Elder Law	3
LAW 116*	Criminal Law	3
LAW 119	Legal Aspects of Mass Communications	1
LAW 150*	Intellectual Property Law	3
LAW 160*	California Workers’ Compensation Law	3
LAW 171-174*	Legal Occupational Work Experience	1-4
LAW 220*	Landlord and Tenant Law	3
LAW 230*	Corporate Law	3
LAW 260*	Immigration Law	3
	Total Requirements for Section B:	6

*Denotes legal specialty courses. The ABA requires a minimum of 18 units of legal specialty courses for certificate candidates.

Certificate Candidates: Must complete a total of 22 units of Core Requirements (Section “A”) and 6 units of Legal Specialty courses designated by an* in Section “B” for a total of 28 units. A student may earn a Paralegal Certificate of Achievement if the student has already completed an AA degree or BA degree from an accredited college or university in the United States. Official transcripts must be provided to admissions with proof of degree posted. Degrees earned from international colleges or universities must be evaluated by a Cerritos.

All 28 units must be taken at Cerritos College. Students must consult with the Counseling Department prior to entering the Certificate Program to

verify eligibility All Law courses that were taken prior to the completion of the student's requisite A.A. or higher Degree will not be counted as part of the certificate units. No paralegal course may be taken as "Credit by Exam."

This program is approved by the American Bar Association (ABA)

Department Recommendation: It is strongly recommended that all graduates who wish to be assisted with job placement through the Law department complete LAW 171-17 4 Legal Occupational Work.

Experience with a letter of recommendation from their employer.

Note: Paralegal means a person who holds himself or herself out to be a paralegal, who is qualified by education, training, or work experience, who either contracts with or is employed by an attorney, law firm, corporation, government agency, or other entity, and who performs substantial legal work under the direction and supervision of an active member of the State Board of California. A paralegal shall not provide legal advice or engage in conduct that constitutes the unauthorized practice of law (Business & Professional Code Section 6450). The Legal Minor does not prepare students for a career as a Paralegal and is not approved by the American Bar Association.

SPANISH

ASSOCIATE IN ARTS DEGREE FOR TRANSFER (AA-T)

The mission of the Spanish program is to prepare students with high quality education that will lead them to communicate successfully in an increasingly complex global society Our classes empower the college's diverse student population to appreciate the Hispanic world and have better cultural understanding The Spanish program offers courses that will satisfy the preparation requirement courses for Spanish majors seamless transfer to the California State University (CSU).

REQUIRED CORE (19 UNITS)

SPAN 101	Elementary Spanish	5
or SPAN 111	Elementary Spanish for Spanish Speakers	(5)
SPAN 102	Elementary Spanish	5
or SPAN 112	Elementary Spanish for Spanish Speakers	(5)
SPAN 201	Intermediate Spanish	5
SPAN 202	Intermediate Spanish	4

List A: (select one) 3 units

SPAN 245	Introduction to Chicano/Mexican American Culture	3
SPAN 260	Frida Kahlo and Mexican Muralist	3
SPAN 210	Highlights of Hispanic Culture	3
	Total units for the major:	22

ASSOCIATE IN ARTS IN SPANISH FOR TRANSFER REQUIREMENTS:

Complete the following (1) 60 semester or 90 quarter CSU – transferable units (2) The California State University-General Education-Breadth pattern (CSU GE-Breadth); or the Intersegmental General Education Transfer Curriculum (IGETC) pattern (3) A minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district (4) Obtainment of a minimum grade point average (GPA) of 2.0 (5) Earn a grade of "C" or better in all courses required for the major or area of emphasis.

THEATRE ARTS

ASSOCIATE IN ARTS DEGREE FOR TRANSFER (AA-T)

Students wishing to earn the Associate in Arts Degree for Transfer in Theater Arts must complete the 18.5-19 units described below, the California State University General Education Breadth pattern (Plan B) or the Inter-Segmental General Education Transfer Curriculum (IGETC) pattern (Plan C), and additional transfer level electives as needed for a total of 60 transferable semester units. Students must maintain a minimum grade point average of 2.0 and earn a grade of C or better in all courses required for the major or area of emphasis. Upon completion of the Associate in Arts Degree for Transfer in Theater Arts, students will have qualified coursework for transfer into the California State University System with a general education and lower division theatre arts background that will enable them to directly transition into the CSU upper division theatre courses required for their four year degree

REQUIRED CORE (9-9.5 UNITS)

TH 101	Introduction to the Theater	3
or TH 102	History of the Classical Theatre	3
TH 110	Fundamentals of Acting	3.5

Select a combination of 3 units from one of the following two groups

TH 130	Rehearsal and Performance for the Minor Role	1
and TH 131	Rehearsal and Performance for the Supporting Role	2
OR		
TH 132	Rehearsal and Performance for the Leading Role	3
OR		
TH 133	Stage Crew Activity	1
and TH 134	Technical Production	2

LIST A: SELECT A MINIMUM OF 9-9.5 UNITS FROM THE FOLLOWING

TH 111	Intermediate Acting to Characterization	3.5
TH 112	Script Analysis	3
TH 222	Stage Lighting	3
TH 221	Costuming for the Stage	3
TH 123	Stage Make-up	3
TH 120	Theatre Stagecraft	3
	Total Units for the Major	18.5-19

ASSOCIATE IN ARTS IN THEATRE FOR TRANSFER REQUIREMENTS:

Complete the following (1) 60 semester or 90 quarter CSU – transferable units (2) The California State University-General Education-Breadth pattern (CSU GE-Breadth); or the Intersegmental General Education Transfer Curriculum (IGETC) pattern (3) A minimum of 18 semester or 27 quarter units in the major or area of emphasis as determined by the community college district (4) Obtainment of a minimum grade point average (GPA) of 2.0 (5) Earn a grade of "C" or better in all courses required for the major or area of emphasis.

NON-CREDIT COLLEGE READINESS

CERTIFICATE OF COMPLETION

The Non-Credit Certificate of Completion in College Readiness will support students to achieve success when taking college level courses. These courses will support students while gaining conceptual knowledge and improve in needed areas: math, reading, and/or writing. This certificate is intended to provide the fundamental skills needed to be successful in college level courses.

AED 42.98 College Placement Testing Strategies A

AED 42.99 College Placement Testing Strategies B

AED 90.06 Math Support: Statistics

or AED 90.07 Math Support: College Algebra

The Non-Credit Certificate of Completion College Readiness will prepare the student to successfully matriculate into college. As a noncredit basic skills student, the transition to college will be facilitated so that enrollment and completion in the chosen career path will occur.

NON-CREDIT ENERGY CORPS

CERTIFICATE OF COMPLETION

The Adult Education Energy Corps Certificate of Completion prepares students to work for businesses in residential and commercial energy auditing; electrical wiring and commercial lighting retrofit trade industries. Student must complete AED 90.01, AED 90.02, and AED 90.03 to earn this certificate. Construction is one of the largest industries, offering excellent opportunities for high earnings, career advancement, and business ownership. These workforce skills are necessary to maintain well-paying and sustainable jobs. The certificate takes the student through several levels of expertise.

To obtain a Certificate of Completion, students are required to complete the four (4) courses outlined below. AED 90.01 must be completed prior to enrolling in AED 90.02.

REQUIRED CORE

AED 90.01 Introduction to Energy Surveying
24 hrs (lecture)/ 16 hrs (lab)

AED 90.02 Basic Electricity and Wiring Fundamentals
20 hrs (lecture)/ 20 hrs (lab)

AED 90.03 Introduction to Lighting Retrofits 20 hrs
(lecture)/ 20 hrs (lab)

AED 90.05 OSHA-10 Training
10 hrs (lecture)/6 hrs (lab)

Total: 74 Lecture Hours/ 62 lab hours

Total Program Hours: 136 hours

This Certificate of Completion prepares students for job placement and career advancement in the fields of Energy Surveying, Basic Electricity, Wiring Fundamentals and Lighting Retrofits. In today's workforce, having an industry certificate is highly desirable for employment in these positions. In addition, these workforce skills are necessary to enter into well-paying and sustainable jobs.

ACCESS LEARNING**(Disabled Student Programs & Services)****ACLR 101****INCREASING YOUR ACCESS POTENTIAL****2.0 UNITS**

Class hours: 2.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S, and satisfactory completion of READ 54 or READ 97 with a grade of "C" or higher or "Pass" or completion of the reading process with eligibility for reading exempt

This course will provide students with the knowledge and skills to understand the concepts of Emotional Intelligence (e.g. self-awareness, self-monitoring, social awareness and social monitoring), Executive Functioning (e.g. time management, study skills, goal setting, etc.) and a Growth Mindset. Students will learn how to apply these concepts as support seeking behaviors to promote academic integration and academic success within the college community. Students will also learn about the role of Alternative Media and the DSPS High Tech Center and the benefit of participation in additional ACLR and Adult Education courses.

*Transfer Credit: CSU***ACCOUNTING****(Business, Humanities, and Social Sciences Division)****ACCT 260****GOVERNMENTAL AND NOT FOR-PROFIT ACCOUNTING****4.0 UNITS**

Class hours: 4.0 Lecture

Prerequisite: ACCT 101 or equivalent with grade "C" or higher or "Pass".

The course will present the characteristics and principles of the financial policies and procedures followed by state, county and municipal governments, as well as public and private universities and hospitals, and certain nonprofit organizations. The course will emphasize the importance to governmental agencies of properly discharging their responsibilities to taxpayers. These responsibilities include the proper accounting for and budgeting of tax and related revenues and expenditures. The course will also emphasize the importance

to nonprofit entities of meeting the financial reporting and management needs of various stakeholders such as donors, service providers and recipients, community members, and regulatory agencies. Funds, fund accounting, and the newest Governmental Accounting Standards Board (GASB) and Financial Accounting Standards Board (FASB) pronouncements relating to accounting for governmental and nonprofit entities will also be covered

*Transfer Credit: CSU***ADMINISTRATION OF JUSTICE****(Business, Humanities, and Social Sciences Division)****AJ 71****FIRST AID ADMINISTRATION OF JUSTICE****2.0 UNITS**

Class hours: 2.0 Lecture

Recommendation: An English assessment/ placement score into ENGL 100 or ENGL 100S, or ENGL 52 with a grade of "C" or higher or "Pass" and satisfactory completion of the Reading assessment/ placement process or READ 54 with a grade of "C" or higher or "Pass".

This basic course in emergency first aid and cardiopulmonary resuscitation emphasizes how to recognize and render assistance to the ill or injured where there is an airway obstruction, respiratory arrest, cardiac arrest, severe bleeding, shock, actual or suspected fractures, head injuries, or other life-threatening environmental circumstances. This course meets the California Department of Health requirements as described in the California Administrative Code. A basic Red Cross Certificate will be issued to those students who successfully complete the course

AJ 101**INTRODUCTION TO ADMINISTRATION OF JUSTICE****3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: An English Placement score into ENGL 100 or ENGL 100S, or ENGL 52 with a grade of "C" or higher or "Pass" and satisfactory completion of the Reading Placement Process or READ 54 with a grade of "C" or higher or "Pass"

This course provides a study of the history and philosophy of the system of administration of criminal justice in the United States. It examines the various sub-systems; role

expectations and their interrelationships; theories of crime, punishment, and rehabilitation; ethics; education and training for professionalism in the system; and legal words and phrases as an aid in the communication process.

*Transfer Credit: CSU; UC***AJ 103****CRIMINAL PROCEDURES****3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: An English Placement score into ENGL 100 or ENGL 100S, or ENGL 52 with a grade of "C" or higher or "Pass" and satisfactory completion of the Reading Placement Process or READ 54 with a grade of "C" or higher or "Pass"

This course provides a detailed examination of California criminal procedure, including the California court system, jurisdiction and venue, laws of arrest, grand jury proceedings, extradition, pre-trial procedures, conduct of criminal trials, rights of the defendant, post-trial motions and appeals, probation and parole.

*Transfer Credit: CSU***AJ 104****CRIMINAL EVIDENCE****3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: An English Placement score into ENGL 100 or ENGL 100S, or ENGL 52 with a grade of "C" or higher or "Pass" and satisfactory completion of the Reading Placement Process or READ 54 with a grade of "C" or higher or "Pass"

This course stresses the origin, development, philosophy, and constitutional basis of evidence; constitutional and procedural considerations which affect arrest, search and seizure; kinds and degrees of evidence; the rules governing the admissibility of evidence; and judicial decisions relating to individual rights.

*Transfer Credit: CSU***AJ 105****COMMUNITY RELATIONS AND CULTURAL AWARENESS****3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: ENGL 52 ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S and completion of READ 54 or READ 97 with a grade of "C" or higher, or "Pass," or completion of the Reading Placement Process with eligibility for a course above the level of READ 54.

This course provides a study of the complex and dynamic relationships between criminal justice agencies and the changing, diverse communities they serve while addressing crime and conflicts in society. An emphasis will be placed on the challenges and prospects of administering justice within a diverse multicultural population. The course will also focus on the ethics, politics and conflicting values in culture, religion and law.

Transfer Credit: CSU; UC

**AJ 110
PATROL PROCEDURES AND
ENFORCEMENT TACTICS 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: An English Placement score into ENGL 100 or ENGL 100S or ENGL 52 with a grade of "C" or higher or "Pass" and satisfactory completion of the Reading Placement Process or READ 54 with a grade of "C" or higher or "Pass".

This course explores the theories, philosophies and operational concepts of Law Enforcement Field Services, and examines the role expectations of the police field officer. Emphasis is placed upon patrol, traffic and public service responsibilities and their relationship to the total criminal justice system.

Transfer Credit: CSU

**AJ 173
ADMINISTRATION OF JUSTICE
OCCUPATIONAL WORK
EXPERIENCE 3.0 UNITS**

Class hours: 1.0 Work Experience

Recommendation: An English Placement score into ENGL 100 or ENGL 100S or ENGL 52 with a grade of "C" or higher or "Pass" and satisfactory completion of the Reading Placement Process or READ 54 with a grade of "C" or higher or "Pass".

Three units of Administration of Justice Occupational Work Experience require 180 non-paid hours of work or 225 paid hours of work per semester. Work experience provides the opportunity for students to apply skills and knowledge learned in the classroom to exacting experiences in the workplace. The aim of the course is to assist students in becoming more productive workers. In the process of doing so, it creates greater communication with increased understanding between the student/trainees and the college. First-semester students meet with their instructors for a minimum of one hour per week. Students also pursue a program of self-evaluation to determine individual job weaknesses and strengths. Semester projects that relate to

their major and job skills must be completed on the job/training site. Second-, third-, and fourth-semester students must meet weekly with the instructor until their participatory assignments and semester work projects have been approved. Work experience courses may be taken for a maximum of 8 units per semester. The total work experience units taken by a student may not exceed 16 units.

Transfer Credit: CSU

AJ 202 SUBSTANTIVE LAW 3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: AJ 102 or equivalent with a grade of "C" or higher or "Pass".

Recommendation: An English assessment/placement score into ENGL 100 or ENGL 100S or ENGL 52 with a grade of "C" or higher or "Pass" and satisfactory completion of the Reading assessment/placement process or READ 54 with a grade of "C" or higher or "Pass".

This course is a study of the substantive criminal laws commonly enforced by municipal, county or state police officers, or other criminal justice investigators. The course provides a complete analysis of both statutory laws and case decisions.

Transfer Credit: CSU

**AJ 208
SPECIAL ISSUES IN
LAW ENFORCEMENT 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: ENGL 52 ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S and completion of READ 54 or READ 97 with a grade of "C" or higher, or "Pass," or completion of the Reading Placement Process with eligibility for a course above the level of READ 54.

This course provides instruction in special issues critical to effective service by law enforcement professionals in modern society. Topics covered may include police as professionals; defining and applying values, principles, and moral standards to law enforcement; police and the community; tactical communications; correctly utilizing information systems in police work; dealing effectively with persons with disabilities; dealing effectively with mentally ill persons; human trafficking; gangs, terrorism homeland security and current issues and topics impacting the criminal justice system and society.

Transfer Credit: CSU

**AJ 221
NARCOTICS AND
VICE CONTROL 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: An English Placement score into ENGL 100 or ENGL 100S or ENGL 52 with a grade of "C" or higher or "Pass" and satisfactory completion of the Reading Placement Process or READ 54 with a grade of "C" or higher or "Pass".

This course is an introduction to the fields of narcotics and vice investigation. It examines the detection, suppression, apprehension and prosecution of narcotic and vice law violators. Field identification of controlled substances and their effects on the body are stressed. Laws relating to bookmaking, gambling, prostitution and morals offenses are also covered.

Transfer Credit: CSU

**AJ 222
JUVENILE PROCEDURES 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: An English Placement score into ENGL 100 or ENGL 100S or ENGL 52 with a grade of "C" or higher or "Pass" or higher and satisfactory completion of the Reading Placement Process or READ 54 with a grade of "C" or higher or "Pass".

This course emphasizes the organization, functions, and jurisdiction of juvenile agencies; the processing and detention of juveniles; juvenile case disposition; juvenile statutes and court procedures relative to juvenile offenders.

Transfer Credit: CSU

ANATOMY AND PHYSIOLOGY

(Science, Engineering, and Math Division)

**A&P 120
INTRODUCTION TO HUMAN
ANATOMY AND PHYSIOLOGY 4.0 UNITS**

Class hours: 3.0 Lecture/3.0 Laboratory

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with a score eligible for ENGL 100 or ENGL 100S.

This course is designed as a survey of human anatomy and physiology. It covers the basic principles of human anatomy and physiology including a survey of the tissues, organ systems, and principal anatomical features. Emphasis is also placed on integrated organ system physiology, human genetics and development. (This course is designed primarily for non-biology majors.)

*Transfer Credit: CSU; UC**

**UC credit limits may apply. A&P 120, A&P 150 and A&P 151 combined: maximum credit, one course. A&P 120, A&P 150, A&P 151, A&P 200 and A&P 201 combined: maximum credit, 2 courses*

**A&P 150
INTRODUCTION TO HUMAN ANATOMY 4.0 UNITS**

Class hours: 3.0 Lecture/3.0 Laboratory

Prerequisite: ENGL 100 or ENGL 100S equivalent with a grade of "C" or higher or "Pass"

Recommendation: A&P 120 or equivalent with a grade of "C" or higher or "Pass".

This course examines the gross and microscopic anatomy of the human body using a systems approach. The course is designed for pre-nursing students; however, it also meets the needs of other allied health programs and physical education programs.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. A&P 120, A&P 150 and A&P 151 combined: maximum credit, one course. A&P 120, A&P 150, A&P 151, A&P 200 and A&P 201 combined: maximum credit, 2 courses.*

**A&P 151
INTRODUCTION TO HUMAN PHYSIOLOGY 4.0 UNITS**

Class hours: 3.0 Lecture/3.0 Laboratory

Prerequisite: A&P 150 or equivalent with a grade of "C" or higher or "Pass".

Recommendation: CHEM 100 or equivalent with a grade of "C" or higher or "Pass".

This course studies the normal functioning and integration of the organ systems in the human body. Homeostatic imbalances of many systems are examined. The course is designed for pre-nursing students; however, it also meets the needs of the allied health programs and physical education program.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. A&P 120, A&P 150 and A&P 151 combined: maximum credit, one course. A&P 120, A&P 150, A&P 151, A&P 200 and A&P 201 combined: maximum credit, 2 courses.*

**A&P 200
HUMAN ANATOMY 5.0 UNITS**

Class hours: 3.0 Lecture/6.0 Laboratory

Prerequisite: A four-unit college-level biological science with lab course with a grade of "C" or higher or "Pass".

Recommendation: ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass".

This course emphasizes the gross structure, microscopic anatomy, and embryology of the organ systems of the human body. Emphasis is placed on showing the complementarity structure and function of cellular, tissue, organ, and systems levels. This course is one of the courses that satisfies the requirements of majors in four-year Nursing Programs, Physical Therapy, PEX/Kinesiology, Dental Hygiene, and related fields.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. A&P 120, A&P 150 and A&P 151 combined: maximum credit, one course. A&P 120, A&P 150, A&P 151, A&P 200 and A&P 201 combined: maximum credit, 2 courses*

**A&P 201
HUMAN PHYSIOLOGY 5.0 UNITS**

Class hours: 3.0 Lecture/6.0 Laboratory

Prerequisite: A&P 200 and CHEM 100 or equivalents with grades of "C" or higher or "Pass"

This course involves a detailed study of the function of the human body with an emphasis on the maintenance of homeostasis by the various organ systems. This course will meet the requirements of four year nursing, dental hygiene, physical therapy, paramedical, physical education, and related majors.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. A&P 120, A&P 150 and A&P 151 combined: maximum credit, one course. A&P 120, A&P 150, A&P 151, A&P 200 and A&P 201 combined: maximum credit, 2 courses.*

ANTHROPOLOGY

(Business, Humanities, and Social Sciences Division)

**ANTH 120
INTRODUCTION TO ARCHAEOLOGY 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass"

Archaeology is the study of mankind's past. This course will cover the history of archaeology, and explore the objectives and methods of modern archaeology. Today's archaeological curiosity is tempered by the scientific method; a combination of sciences in order to get a better grasp on a total understanding of people. This course will explore the world of the archaeologist in order to appreciate the impact that the study of antiquities has had in understanding modern human cultures.

Transfer Credit: CSU; UC

**ANTH 205
THE ANTHROPOLOGY OF SEXUALITY AND GENDER 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 or ENGL 100S and satisfactory completion of READ 54 or READ 97 with a grade of "C" or higher or "Pass" or completion of the Reading assessment/placement process with a score of "Reading Exempt".

This course examines the cultural construction of human sexuality and gender in an anthropological framework. Biological and cultural bases for the multiple expressions of sexuality and gender found around the world will be presented. Case studies will include food foraging, horticultural, agricultural, industrial, and post-industrial societies. A central concern is the interaction between subsistence practices, cultural economies, and status in the construction of "normal" and "abnormal" sexualities and genders. This course is not open to students who are currently enrolled in or have completed ANTH 204, WS 205, or WGS 205.

Transfer Credit: CSU; UC

ART AND DESIGN

(Fine Arts & Communications Division)

**ART 113
ART, SCIENCE, AND TECHNOLOGY 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with a score eligible for ENGL 100 or ENGL 100S and READ 54 or READ 97 or equivalent with a grade of "C" or higher or "Pass" or completion of the Reading assessment/placement process with a score of "Reading Exempt".

This course is an overview of the intersections between art, science, and technology, as well as their broader impact on, and interaction with, visual and material culture. Areas of focus will include the social impact of scientific innovations, technology-driven art, and art/science collaborative projects, including discussions of code-based and algorithmic art, data visualization, robotic and interactive art, machine aesthetics, body modification and cyborg experiments, ecological and environmental art, conceptual Internet

projects, culture jamming and hacktivist art, game art and virtual reality, surveillance art, and tele-presence and locative media.

Transfer Credit: CSU; UC

**ART 118
HISTORY OF WOMEN
IN VISUAL ARTS**

3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with a score eligible for ENGL 100 or ENGL 100S and READ 54 or READ 97 or equivalent with a grade of "C" or higher or "Pass" or completion of the Reading assessment/ placement process with a score of "Reading Exempt."

This course provides an introduction to the role of women in the visual arts as subjects, patrons, and artists. The course examines global case studies of female involvement in the visual arts from the medieval period through the present. Particular attention is paid to issues of female agency, historical gender roles, and female artists and patrons who shaped the discipline of Art History. This course is not open to students who are currently enrolled or have completed WS 118 or WGS 118.

Transfer Credit: CSU; UC

**ART 119A
INTRODUCTION TO
MUSEUM STUDIES**

3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with a score eligible for ENGL 100 or ENGL 100S and READ 54 or READ 97 or equivalent with a grade of "C" or higher or "Pass" or completion of the Reading assessment/placement process with a score of "Reading Exempt."

This course provides a broad introduction to the operation of various types of museums (art, historical, natural history, science) and galleries (academic, commercial, artist-run spaces). It is designed to introduce students to the various jobs and responsibilities that exist within museums including exhibition design and curation, education, archival research, collection management, and conservation. Emphasis is placed on exploring the historical, theoretical, and practical aspects involved in the collection and display of visual and cultural objects,

especially as this relates to social conditions and political ideologies. Numerous landmark and contemporary exhibitions are used as case studies for exploring and analyzing these issues in specific contexts.

Transfer Credit: CSU; UC

**ART 124
INTRODUCTION TO
MEDIA STUDIES**

3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with a score eligible for ENGL 100 or ENGL 100S and READ 54 or READ 97 or equivalent with a grade of "C" or higher or "Pass" or completion of the Reading assessment/placement process with a score of "Reading Exempt".

Introduction to Media Studies will survey the historical development of media: film, video, television, video games, Internet, and new media; examine media theory, its philosophy and aesthetic; and consider its political, social and cultural impact on the individual and society. This course will analyze modes of spectatorship and the impact of changing technologies and institutions within a broad media landscape.

Transfer Credit: CSU; UC

**ART 125
INTRODUCTION TO VISUAL
AND CULTURAL STUDIES**

3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass," or completion of the English assessment/placement process with a score eligible for ENGL 100 or ENGL 100S, and READ 54 or READ 97 or equivalent with a grade of "C" or higher or "Pass," or completion of the Reading assessment/placement process with a score of "Reading Exempt."

This foundation course introduces the essential skills required in visual and cultural studies, including research methodologies and critical theory. Emphasis is placed on critical and creative thinking skills associated with interdisciplinary scholarship. This seminar course culminates in an independent research project. This course is not open to students who are enrolled in or who have received credit in HUM 125.

Transfer Credit: CSU; UC

**ART 200
SPECIAL TOPICS IN VISUAL
AND CULTURAL STUDIES** **3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with a score eligible for ENGL 100 or ENGL 100S and READ 54 or READ 97 or equivalent with a grade of "C" or higher or "Pass" or completion of the Reading assessment/placement process with a score of "Reading Exempt."

This course will expand on subjects and themes introduced into the core visual and cultural studies offerings. Each topic will focus on themes, perspectives, and issues of special interest to students. The specific focus of a particular offering will be decided by the course instructor and announced in the schedule of classes. This course is not open to students who are enrolled in or who have received credit in HUM 200.

Transfer Credit: CSU

**ART 207
WOMEN AND MEDIA** **3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 or ENGL 100S.

Recommendation: Completion of READ 54 or READ 97 with a grade of "C" or higher or "Pass" or completion of the Reading assessment/placement process with a score of "Reading Exempt."

"Women and Media" explores and analyzes the various portrayals of female representation (historical and contemporary) in media, which may include film, television, music video, video games, commercials, and new media; and uses feminist, gender, and queer theory, criticism, and history to understand how popular culture shapes identity and representation of the female gender in accordance to its socio-historical, political, and economic contexts, as well as values and cultural norms. The intersection of race, social class, ethnicity, religion, disability, sub-cultures, and sexual orientation will be analyzed, along with social and political movements that inform and assist the construction of these images in a global context. This course is not open to students who are currently enrolled in or completed WS 207 or WGS 207.

Transfer Credit: CSU; UC

BIOLOGY**(Science, Engineering, and Math Division)****BIOL 105
HUMANS AND
THE ENVIRONMENT 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with a score eligible for ENGL 100 or ENGL 100S.

This course is designed to help both science majors and those who major in other disciplines to develop a better understanding of some of the important environmental problems facing humankind. The nature and implications of subjects such as loss of genetic variability, pollution problems, overpopulation, and the use and abuse of natural resources will be studied. There will be an emphasis on the interrelatedness of these problems and how an understanding of environmental principles can help us to live on this planet more intelligently and more successfully.

*Transfer Credit: CSU; UC***BIOL 120
INTRODUCTION TO
BIOLOGICAL SCIENCE 4.0 UNITS**

Class hours: 3.0 Lecture/3.0 Laboratory

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with a score eligible for ENGL 100 or ENGL 100S.

This course is designed for non-biological science majors. It covers basic principles of life science, including cellular biology, the plant and animal kingdoms, ecology, genetics, and evolution. Emphasis is also placed on human biology as it relates to everyday living.

*Transfer Credit: CSU; UC****UC credit limits may apply. No credit for BIOL 120 if taken after 200.***BOTANY****(Science, Engineering, and Math Division)****BOT 120
INTRODUCTION TO
PLANT SCIENCE 4.0 UNITS**

Class hours: 2.0 Lecture/6.0 Laboratory

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with a score eligible for ENGL 100 or ENGL 100S.

This is an introductory course in plant biology designed to introduce students to fundamental and unifying principles of biology and to cover in some depth many of the facets of botany. Topics will include chemistry, cell biology with an emphasis on plant cells, plant structure and response to environment, a taxonomic survey of major plant groups including their life cycles and characteristics, plant ecology, and evolution. The course will both fulfill the general education life science lab requirement and prepare students for a life science major. Field trips to examine local plant communities are part of the class. Students will also conduct a research project, prepare a scientific paper, and make a presentation based on their project.

*Transfer Credit: CSU; UC***BUSINESS COMMUNICATIONS
OFFICE TECHNOLOGY****(Business, Humanities, and Social Sciences
Division)****BCOT 150
INTERNATIONAL BUSINESS
COMMUNICATION 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: BCOT 147 or ENGL 100 or ENGL 100S, or equivalent with a grade of "C" or higher or "Pass".

This course covers issues and skills that are crucial to effective intercultural communication in business. The most significant issues pertaining to cross-cultural interaction are examined. Practical guidelines and information on how to conduct negotiations across countries, as well as general do's and don'ts in international business are covered. International business writing styles, formats, and content for letters, reports, resumes, presentations, and other miscellaneous business documents are emphasized.

*Transfer Credit: CSU***BCOT 247
MANAGERIAL BUSINESS
COMMUNICATIONS 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass"

This course applies the principles of ethical and effective communication to the creation of letters, memos, e-mails, employment communication, and written and oral reports for a variety of business situations. The course emphasizes planning, organizing, composing, and revising business documents using word processing software for written documents and presentation-graphics software to create and deliver professional-level oral reports. This course is designed for students who already have college-level writing skills.

*Transfer Credit: CSU***CHEMISTRY****(Science, Engineering, and Math Division)****CHEM 100
INTRODUCTORY CHEMISTRY 4.0 UNITS**

Class hours: 3.0 Lecture/3.0 Laboratory

Prerequisite: MATH 40 or equivalent with a grade of "C" or higher or "Pass" or completion of the Math assessment/placement process with a score eligible for MATH 60.

Recommendation: Meet the prerequisite within four years prior to the date of enrollment in CHEM 100.

This course is an introduction to the basic principles of inorganic and organic chemistry and biochemistry with their application to problems encountered in our everyday lives. The course includes the metric system, atomic structure, bonding, solutions, chemical reactions, hydrocarbons, functional groups, carbohydrates, lipids, and proteins. It is designed to give a general introduction to fundamental concepts and to prepare students for majors in nursing, dental hygiene, physician assistant, physical therapy assistant, liberal arts, and technical fields. (Not open to those with credit in more advanced course.)

Transfer Credit: CSU; UC

CHEM 100 and CHEM 110 combined: maximum credit, 1 course. No credit for CHEM 100 or CHEM 110 if taken after CHEM 111.

**CHEM 110
ELEMENTARY CHEMISTRY 4.0 UNITS**

Class hours: 3.0 Lecture/3.0 Laboratory

Prerequisite: MATH 80 or MATH 80B or equivalent with a grade of "C" or higher or "Pass" or completion of the Math assessment/placement process with a score eligible for MATH courses numbered 100 level or higher
Recommendation: Meet the prerequisite within four years prior to the date of enrollment in CHEM 110.

This introductory inorganic chemistry course emphasizes basic principles, formulas, equations, and chemical math problems. It is designed for students with little or no previous chemistry and prepares students for CHEM 111, General Chemistry

Transfer Credit: CSU; UC

CHEM 100 and CHEM 110 combined: maximum credit, 1 course. No credit for CHEM 100 or CHEM 110 if taken after CHEM 111.

CHINESE

(Liberal Arts Division)

**CHIN 260
CHINESE CULTURE
AND SOCIETY 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with a score eligible for ENGL 100 or ENGL 100S.

This course offers an introductory survey of contemporary Chinese culture and society as reflected in literature, art, history, geography, politics, economy, and social development through selected readings and audiovisual materials. The emphasis is on the issues of family and kinship, religion, ethnic minorities, gender, institutional culture, market economy, urbanization, environment, and international relations. No previous knowledge of Chinese culture and language is required. The course is taught in English.

Transfer Credit: CSU; UC

COMMUNICATION STUDIES

(Liberal Arts Division)

**COMM 103
ARGUMENTATION, PERSUASION,
AND CRITICAL THINKING 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass"

This course focuses on argument and persuasion in the context of speech communication. This course examines the formation of arguments, the quality and types of evidence used to support claims, the use of language, and the analysis of fallacies. In addition, the course covers the role of the speaker/author, audience and message in argument. Emphasis is on the integration of critical thinking principles with techniques of effective argument, with focus on critiques, essays, debate, and speech writing and delivery. This course is not open to students who are enrolled in or who have received credit in SPCH 235.

Transfer Credit: CSU; UC

**COMM 110
INTERCULTURAL
COMMUNICATION 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: Completion of at least one of these courses with a grade of "C" or higher or "Pass" or an equivalent course: COMM 60, ENGL 52, ESL 152, READ 54, READ 97, or completion of the English or Reading assessment/placement process with a score eligible for ENGL 100 or ENGL 100S.

This course presents theories and principles of communication with an emphasis on application of concepts relevant to intercultural communication. It has a culture general approach focusing on variables which influence the communication process. Assignments and activities involve students in the analysis of different communication patterns across cultures and the exploration and practice of methods, skills and techniques for improving intercultural communication. This course is not open to students who are enrolled in or who have received credit in SPCH 110.

Transfer Credit: CSU; UC

**COMM 115
GENDER, COMMUNICATION,
AND THE DIGITAL
REVOLUTION 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: Completion of at least one of these courses with a grade of "C" or higher or "Pass" or an equivalent course: COMM 60, ENGL 52, ENGL72, ESL 152, READ 54, READ 97 or completion of the English or Reading assessment/placement process with eligibility for ENGL 100 or ENGL 100S.

This course considers digital technology as an active agent in gender creation, maintenance, change, and expression through communication. Explores communication competency in contemporary gendered relationships. Examines the multiple ways communication across media cultural, digitally mediated, and face-to-face contexts creates and perpetuates gender roles and expectations in society. Investigates a wide range of issues related to the contemporary representation of gender in society. Conceptualizes how digital technology offers possibilities for new social relations and new definitions of the gendered self. This course is not open to students who are enrolled in or have received credit in WGS 115, or SPCH 115.

Transfer Credit: CSU, UC

**COMM 120
INTERPERSONAL
COMMUNICATION 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: Completion of at least one of these courses with a grade of "C" or higher or "Pass" or an equivalent course: COMM 60, ENGL 52, ENGL72, ESL 152, READ 54, READ 97 or completion of the English or Reading assessment/placement process with eligibility for ENGL 100 or ENGL 100S.

The interpersonal communication course is an overview of theory and research on human communication. The course is designed with the opportunity to improve student's communication skills in a variety of communication contexts. This course includes skill practices, oral presentations, and videotaping as instructional tools. This course is not open to students who are enrolled in or have received credit in SPCH 120.

Transfer Credit: CSU; UC

COMM 125**ORGANIZATIONAL COMMUNICATION****3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: Suggested completion of at least one of these courses with a grade of "C" or higher or "Pass" or an equivalent course: ENGL 72, or ESL 152, or READ 54, or READ 97, or completion of the English, or ESL or Reading assessment/placement process with eligibility for ENGL 100 or ENGL 100S.

This course presents theories and principles of communication with an emphasis on application of concepts relevant to organizational communication. This course focuses on variables that influence the communication process within the context of business and organizations. The combined application of speaking, listening, writing, and reading skills in business and professional settings will be emphasized. Assignments and activities involve students in the analysis of different communication patterns within organizations and the exploration and practice of methods, skills and techniques for improving communication within the professional setting. This course is not open to students who are enrolled in or have received credit in SPCH 150.

*Transfer Credit: CSU***COMM 130****PUBLIC SPEAKING****3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: Completion of at least one of these courses with a grade of "C" or higher or "Pass" or an equivalent course: COMM 60, ENGL 52, ENGL72, ESL 152, READ 54, READ 97 or completion of the English or Reading assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course focuses on the student's communication of ideas and concepts in various audience settings with emphasis on message organization, supporting amplifying materials, and analysis of audience diversity. Recording is used as an evaluative tool. This course is not open to students who are enrolled in or have received credit in SPCH 130.

*Transfer Credit: CSU; UC***COMM 132****SMALL GROUP COMMUNICATION****3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: Completion of at least one of these courses with a grade of "C" or higher or "Pass" or an equivalent course: COMM 60, ENGL 52, ENGL72, ESL 152, READ 54,

READ 97 or completion of the English or Reading assessment/ placement process with eligibility for ENGL 100 OR ENGL 100S.

As an introduction to the fundamentals of group discussion, this course focuses on the individual's communication in a small group setting; leadership in groups; group communication norms and processes with emphasis on problem solving and conflict reduction techniques. Recording is used as an evaluative tool. This course is not open to students who are enrolled in or have received credit in SPCH 132.

*Transfer Credit: CSU; UC**

*UC credit limits may apply. COMM 100 and COMM 132 combined: maximum credit, one course.

COMM 140**ORAL INTERPRETATION OF LITERATURE****3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: Completion of at least one of these courses with a grade of "C" or higher or "Pass" or an equivalent course: COMM 60, ENGL 52, ENGL72, ESL 152, READ 54, READ 97 or completion of the English or Reading assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course focuses on the analysis and interpretation of both prose and verse literature, including study of voice production, structure and content of literature, and techniques of effective oral communication of meaning from the printed page. This course is not open to students who are enrolled in or have completed

*Transfer Credit: CSU; UC***COMM 145****STORYTELLING****3.0 UNITS**

Class hours: 3.0 Lecture

This course is an introduction to the history of storytelling and the techniques of listening, preparation, and the presentation of stories to various age groups and in various settings. Students acquaint themselves with various literary genres--folk tales, sagas, epics, legends, myths, poetry, and drama. Recordings are used as an evaluative tool. This course is not open to students who are enrolled in or have received credit in SPCH 145.

*Transfer Credit: CSU***COMM 200****CONTEMPORARY COMMUNICATION TOPICS****3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: Suggested completion of at least one of these courses with a grade of "C" or higher or "Pass" or an equivalent course: ENGL 72, or ESL 152, or READ 54, or READ 97, or completion of the English, or ESL or Reading assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This is a specialized course designed to present and acquaint students with communication theories and principles relevant to improving communication effectiveness. It focuses on those issues that reflect the evolutionary nature of communication in a variety of contemporary communication areas. This course is not open to students who are enrolled in or have received credit in SPCH 200.

*Transfer Credit: CSU; UC TBD after admission***CULINARY ARTS****(Health Occupations Division)****CA 250****PROFESSIONAL COOKING I****7.0 UNITS**

Class hours: 6.0 Lecture/4.0 Laboratory

Corequisite: CA 101 or prior completion or equivalent with a grade of "C" or higher or "Pass"

Recommendation: Completion of ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the assessment/placement process with eligibility for ENGL 100 or ENGL 100S.

The course introduces the student to basic cooking techniques and basic ingredients utilized in the industry. This course will cover recipes, knife skills, cooking methods, product identification, herbs and spices, equipment usage, measurements, stocks, soups and basic sauces. This course aims to provide students with a strong foundation of skills and abilities to succeed in the next level of classes. T.B.clearance for food service personnel is a State regulation and required for enrollment in this course

*Transfer Credit: CSU***CA 252****PROFESSIONAL COOKING III****8.0 UNITS**

Class hours: 3.0 Lecture/15.0 Laboratory

Prerequisite: CA 153 or CA 251 or equivalent with a grade of "C" or higher or "Pass".

Recommendation: CA 230 or equivalent with a grade of "C" or higher or "Pass" and completion of ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher

or "Pass" or completion of the assessment/ placement process with eligibility for ENGL 100 or ENGL 100S.

The course completes the education of practical cooking techniques in a formal dining restaurant. The course will cover dining room service, garde manger, appetizers, canapés, charcutiere, plate, and buffet presentations, advanced cooking methods, management techniques, leadership styles, and job readiness skills. T.B clearance for food service personnel is a State regulation and required for enrollment in this course

Transfer Credit: CSU

DANCE

(Kinesiology Division)

DANC 102

INTRODUCTION TO ADAPTIVE DANCE

2.0 UNITS

Class hours: 1.0 Lecture/3.0 Laboratory

This course introduces elements of multiple dance genres for individuals with disabilities. Students will explore the benefits of breath, components of weight-shifting and gravity, as well as rhythm and space. This course will encourage proprioception, mind body connection, and coordination, and decision-making through choreographic choices.

Transfer Credit: CSU; UC

EARTH SCIENCE

(Science, Engineering, and Math Division)

ESCI 101

PHYSICAL ECOLOGY

3.0 UNITS

Class hours: 2.5 Lecture/1.5 Laboratory

Recommendation: ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass" and MATH 40 or equivalent with a grade of "C" or higher or "Pass" or completion of the math assessment/ placement process with a score eligible for MATH 60.

This is a general studies course that includes problems of current concern relative to hydrologic, oceanographic, and atmospheric processes as they affect and are affected by human activities. The technologic, economic, and political aspects of pollution and solutions to environmental problems are studied. This course requires the equivalent of three one-day field trips.

Transfer Credit: CSU; UC

ESCI 104

OCEANOGRAPHY

3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/ placement process with a score eligible for ENGL 100 or ENGL 100S, and MATH 40 or equivalent with a grade of "C" or higher or "Pass" or completion of the Math assessment/ placement process with a score eligible for MATH 60.

This course is an introduction to the geography of the oceans, geology of the ocean basins, and the chemistry and physics of sea water. The ecology of the sea and its effect on the ecosphere are also covered. Landforms and processes of the coastal zone and use and abuse of the marine environment are discussed.

Transfer Credit: CSU; UC

ESCI 104L

OCEANOGRAPHY LABORATORY

1.0 UNIT

Class hours: 3.0 Laboratory

Prerequisite: ESCI 104 or equivalent with a grade of "C" or higher or "Pass" or concurrent enrollment

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/ placement process with a score eligible for ENGL 100 or ENGL 100S, and MATH 40 or equivalent with a grade of "C" or higher or "Pass," or completion of the math assessment/ placement process with a score eligible for MATH 60.

This laboratory/field study course is designed to supplement ESCI 104-Oceanography. Emphasis will be placed on the interrelationships between the geological, chemical, physical, and biological aspects of the marine environment. In addition, human use and abuse of the coastal zone and marine environment will be analyzed.

Transfer Credit: CSU; UC

ESCI 106

WEATHER AND CLIMATE

3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/ placement process with a score eligible for ENGL 100 or ENGL 100S, and MATH 40 or equivalent with a grade of "C" or higher or "Pass" or completion of the Math assessment/ placement process with a score eligible for MATH 60.

This course is a survey of the processes and patterns in the atmosphere which result in the regional distribution of weather and climate.

Transfer Credit: CSU; UC

ESCI 110

INTRODUCTION TO EARTH SCIENCE

4.0 UNITS

Class hours: 3.0 Lecture/3.0 Laboratory

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/ placement process with a score eligible for ENGL 100 or ENGL 100S, and MATH 40 or equivalent with a grade of "C" or higher or "Pass" or completion of the Math assessment/ placement process with a score eligible for MATH 60.

This course is an introduction to the Earth system.

It is an integrated course designed to give broad, general knowledge in the areas of astronomy, geology, meteorology, and oceanography. The laboratory component focuses on the solar system, plate tectonics, glaciers, volcanoes, earthquakes, and climate change.

Transfer Credit: CSU; UC

*UC credit limits may apply. No credit if taken after a college level course in Geology, Physical Geography, or Physical Anthropology

ECONOMICS

(Business, Humanities, and Social Sciences Division)

ECON 102

WOMEN IN THE GLOBAL ECONOMY

3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: Completion of English assessment/ placement process with a score eligible for ENGL 100 or ENGL 100S, or ENGL 52, or equivalent with a grade of "C" or higher or "Pass".

This course is an introduction to the global economy from the perspectives of women in the Third World. Drawing from various disciplinary fields such as economics, history, political science, anthropology and postcolonial studies, it examines critically the processes of globalization that impact the multiple identities and oppressions which shape women's lives with respect to race, gender, class and culture. This course studies the consequences of strategies of modernization and neocolonialism employed by institutions of economic development such as the World Bank and International

Monetary Funds on the lives of women in the developing countries. This course is not open to students who are currently enrolled in or have completed WGS 206 or WS 206.
Transfer Credit: CSU; UC

ECON 201M
PRINCIPLES OF
MACROECONOMICS **3.0 UNITS**

Class hours: 3.0 Lecture/1.0 Laboratory
Prerequisite: MATH 60 or equivalent with a grade of "C" or higher or "Pass" or completion of the assessment/placement process with eligibility for MATH 80 or MATH 80A or higher

Recommendation: ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass".

This introductory course in economics examines how scarce resources are used to produce goods and services that require choices and trade-offs. Macroeconomics looks at the health of the U.S. domestic economy and its relationship to the global economy. Unemployment, inflation, and economic growth are discussed and measured. Fiscal and monetary policies and their effectiveness are studied. The issue of why nations trade and the benefits and costs of trade and globalization are examined. This course uses economic models and mathematical calculations. This course is transferable to the CSU system. This course is not open to students who are enrolled in or who have received credit in ECON 201.

Transfer Credit: CSU; UC

ECON 202M
PRINCIPLES OF
MICROECONOMICS **3.0 UNITS**

Class hours: 3.0 Lecture/1.0 Laboratory
Prerequisite: MATH 60 or equivalent with a grade of "C" or higher or "Pass" or completion of the assessment/placement process with eligibility for MATH 80 or MATH 80A or higher

Recommendation: ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass".

This course emphasizes microeconomics: The study of specific markets in the economy. We investigate the dynamics of supply and demand in competitive markets in determining prices and the quantities of goods and services produced. Consumer behavior is investigated using the concept of marginal analysis. The behavior of firms in attempting to maximize profits is

studied as is the differing market structures among varying industries. This course uses economic models and mathematical analysis. This course is transferable to the CSU and UC system. Students who have taken Economics 202 are not eligible for this course.
Transfer Credit: CSU; UC

EDUCATION

(Business, Humanities, and Social Sciences Division)

EDEL 200
INTRODUCTION TO THE
TEACHING PROFESSION **3.0 UNITS**

Class hours: 3.0 Lecture
Prerequisite: Enrollment in the Cerritos College Teacher Training Academy (Teacher TRAC); AND, EDEL 100 or equivalent with a grade of "C" or higher or "Pass"; AND, ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass"; AND, MATH 70 or equivalent with a grade of "C" or higher or "Pass"; AND, Math 80 or equivalent with a grade of "C" or higher or "Pass" OR assessment/placement with eligibility for MATH 110A.

EDEL 200 provides an overview of the concepts and issues related to the teaching profession in a democratic society, including philosophies of education, the history of education in America, the sociology of education, contemporary issues in education, and the role of education in American society. This course requires a minimum of forty-five (45) hours of structured fieldwork in an approved public K-8 general education classroom. Course must be taken for a letter grade.

Transfer Credit: CSU

ENGINEERING

(Science, Engineering, & Math)

ENGR 210
MATERIALS SCIENCE
AND ENGINEERING **4.5 UNITS**

Class hours: 3.0 Lecture/3.0 Laboratory
Prerequisite: PHYS 201 and CHEM 111 or equivalent with a grade of "C" or higher or "Pass".

This course presents the internal structures and resulting behaviors of materials used in engineering applications, including metals, ceramics, polymers, composites, and semiconductors. The emphasis is upon developing the ability both to select appropriate materials to meet engineering design criteria and to understand the effects of heat, stress,

imperfections, and chemical environments upon material properties and performance. Laboratories provide opportunities to directly observe the structures and behaviors discussed in the course, to operate testing equipment, to analyze experimental data, and to prepare reports.
Transfer Credit: CSU; UC

ENGR 240
DYNAMICS **3.0 UNITS**

Class hours: 3.0 Lecture
Prerequisite: ENGR 235 or equivalent with a grade of "C" or higher or "Pass".

Fundamentals of kinematics and kinetics of particles and rigid bodies. Topics include kinematics of particle motion; Newton's second law, work-energy and momentum methods; kinematics of planar motions of rigid bodies; work-energy and momentum principles for rigid body motion; Introduction to mechanical vibrations.

Transfer Credit: CSU; UC

ENGR 245
STRENGTH OF MATERIALS **3.0 UNITS**

Class hours: 3.0 Lecture
Prerequisite: ENGR 235 or equivalent with a grade of "C" or higher or "Pass".

This course is a study of stresses, strains and deformations associated with axial, torsional and flexural loading of bars, shafts and beams, as well as pressure loading of thin-walled pressure vessels. The course also covers stress and strain transformation, Mohr's Circle, ductile and brittle failure theories, and the buckling of columns. Statically indeterminate systems are also studied.

Transfer Credit: CSU; UC

ENERGY

(Science, Engineering, and Math Division)

ENGY 100
ENERGY AND THE WAY WE LIVE **3.0 UNITS**

Class hours: 3.0 Lecture
Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with a score eligible for ENGL 100 or ENGL 100S, and MATH 40 or equivalent with a grade of "C" or higher or "Pass" or completion of the math assessment/ placement process with a score eligible for MATH 60.

This introductory course describes processes associated with energy in natural systems and the ways people use energy as a resource for human consumption. Renewable and nonrenewable energy resources will be examined as well as the differences in energy use between more-and less-developed countries. This course is not open to students with credit in ENGY 110. (Formerly ENGY 110.)
Transfer Credit: CSU; UC

ENGLISH

(Liberal Arts Division)

ENGL 102 INTRODUCTION TO LITERATURE

3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass"

This course introduces representative works from major genres, develops students' close reading and analytical writing skills, and promotes appreciation and critical understanding of the cultural, historical, and aesthetic qualities of literature as produced by authors who reflect culturally diverse backgrounds.

Transfer Credit: CSU; UC

ENGL 103 CRITICAL AND ARGUMENTATIVE WRITING

3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass" or satisfactory completion of the advanced placement English Examination of the College Entrance Examination Board

This course develops critical thinking, reading, and writing beyond the level achieved in English 100 (Freshman Composition). The course focuses on the development of logical reasoning and analytical and argumentative writing skills.

Transfer Credit: CSU; UC

ENGL 110 CRITICAL THINKING THROUGH LITERATURE

4.0 UNITS

Class hours: 4.0 Lecture

Prerequisite: ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass"

This course offers instruction in analytical, critical, and argumentative writing, critical thinking, research strategies, information literacy, and proper documentation through the study of literary works from major genres, while developing students' close reading skills and promoting appreciation for the aesthetic qualities of literature. This course is not open to students who have taken ENGL 101.

Transfer Credit: CSU; UC

ENGL 221A LITERATURE IN THE BIBLE: HEBREW SCRIPTURES

3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 or ENGL 100S.

This course is a general introduction to the literature composing the Hebrew Scriptures (more familiarly known as the Old Testament) in translation. Emphasis will be on understanding the Bible as a literary document through literary analysis, including the study of biblical genres such as history, poetry, narrative, drama, and homiletic, prophetic, apocalyptic and wisdom literature.

Transfer Credit: CSU; UC

ENGL 221B LITERATURE IN THE BIBLE: CHRISTIAN SCRIPTURES

3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 or ENGL 100S.

This course studies the New Testament in English in translation as a literary document. Emphasis is on understanding the literary nature of the Bible through literary analysis, including the study of literary genres such as poetry, epistolary, narrative, drama and biography.

Transfer Credit: CSU; UC

ENGL 222 CHILDREN'S LITERATURE

3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 or ENGL 100S.

The course is designed to survey children's literature with special emphasis on the classics. It concentrates on the fable, folktales, fairy tales and the children's novel.

Transfer Credit: CSU; UC

ENGL 223 CHICANA/CHICANO LITERATURE

3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course is a study of selected representative literature of Chicano authors. Selected works will be drawn from at least three of the following genres: the novel, the short story, poetry, drama, autobiography, and the essay.

Transfer Credit: CSU; UC

ENGL 224 NATIVE AMERICAN LITERATURE

3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course is a study of selected representative literature of Native North American Indian writers. The genres included are the novel, the short story, poetry, autobiography, and essay.

Transfer Credit: CSU; UC

ENGL 225 MEXICAN LITERATURE IN TRANSLATION

3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

A one-semester course to survey Mexican literature in translation. The genres included will be the novel, the short story, the poem, the essay, and the song.

Transfer Credit: CSU; UC

ENGL 226
AFRICAN-AMERICAN
LITERATURE **3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course is a study of selected or representative literature of African American authors, their viewpoints, styles, forms, and themes. The genres included will be the novel, the short story, drama, poetry, autobiography, essays, and oral performance. Modern and contemporary authors will be highlighted.

Transfer Credit: CSU; UC

ENGL 227
MODERN AND
CONTEMPORARY LITERATURE **3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course is a study of literature and literary topics valuable to both English majors and students seeking humanities credits. The focus is on literature from the 20th and 21st centuries, with specific topics such as prize-winning literature, film adaptation, science fiction, studies of specific authors, California literature, or literature of the specific literary periods within this time frame (e.g., modernism, postmodernism, post colonialism, realism) or cultures/nations (e.g., 20th c Irish lit., contemporary Russian lit.). Each semester's focus will be announced in the schedule of classes.

Transfer Credit: CSU; UC

ENGL 228
SHAKESPEARE'S PLAYS **3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course is a general introduction to Shakespeare's plays. Representative selections from the comedies, histories, tragedies, and romances are studied. The emphasis is on discussion and analysis of Shakespeare's relevance to his world and to ours. (This is not an acting class.)

Transfer Credit: CSU; UC

ENGL 230A
INTRODUCTION TO
AMERICAN LITERATURE **3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course studies the representative works of American literature from 1608-1870. Selected works will be drawn from the four major literary periods: Puritan, Enlightenment/Revolutionary, Romantic, and early Realism.

Transfer Credit: CSU; UC

ENGL 230B
INTRODUCTION TO
AMERICAN LITERATURE **3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course studies the representative works of American literature from 1870-1990's. Selected works will be drawn from the four major literary periods: Realism, Naturalism, Modernism, and Postmodernism.

Transfer Credit: CSU; UC

ENGL 231
LITERATURE AND FILM **3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or satisfactory completion of the assessment/placement process with eligibility for ENGL 100 or ENGL 100S.

English 231 examines the relationships between film and more traditional literary genres through cinematic adaptations of the novel, short story, drama, poetry, or nonfiction prose, as well as through comparisons of theme, structure, style, and technique. Discussion will include what makes adaptation successful; historical, social, technological and aesthetic perspectives; and critical tools and techniques for interpreting film as literature.

Transfer Credit: CSU; UC

ENGL 232
READINGS IN POETRY **3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course introduces students to the basic elements and functions of poetry. The fundamentals of poetics will be covered from Aristotle to new media and digital mediations. A representative poet will be studied in depth.
Transfer Credit: CSU; UC

ENGL 233
READINGS IN THE NOVEL **3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This is a course in the novel emphasizing structure, theme and style. Outstanding Continental, English and American novels are studied.

Transfer Credit: CSU; UC

ENGL 234
READINGS IN SHORT FICTION **3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course studies the structure and techniques of the short story and the novelette. Emphasis is on critical analysis of selected American, European and World short fiction throughout time, including contemporary works.

Transfer Credit: CSU; UC

ENGL 235
READINGS IN THE DRAMA **3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course studies the drama from its ancient Greek origins to its present-day expressions. It emphasizes both content and form and highlights the literary techniques specific to this genre of literature.

Transfer Credit: CSU; UC

ENGL 236
STUDIES IN WOMEN'S
LITERATURE **3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course is a survey of literature by women reflecting women's changing roles and identities in society in various historical, political and cultural settings. Works studied are drawn from the genres of poetry, fiction, drama, essays and journals.

Transfer Credit: CSU; UC

**ENGL 237
ASIAN AMERICAN
LITERATURE 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course offers a study of selected representative literature written by Americans of Asian or Pacific Island descent. Genres and their historical context include the novel, drama, short story, and poetry. Memoirs and essays may also be included.

Transfer Credit: CSU; UC

**ENGL 239
LITERATURE OF INDIA 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

Literature of India is a survey course of selected representative literature of Asian Indian writers and their influence on Indian and American culture. The genres include the novel, the short story, poetry, drama, and autobiography. The course will examine the literature of Ancient, Medieval, Modern, and Post-Independence India.

Transfer Credit: CSU; UC

**ENGL 240
CREATIVE WRITING 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or of "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course provides an opportunity for students to explore their interest in literary creativity by writing original short fiction, poetry, play or screenplay, or magazine article(s). Writers will gain understanding of each literary type, have the opportunity to create in each area, and be introduced to the workshop method of criticism.

Transfer Credit: CSU; UC

**ENGL 241
SCREENWRITING 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course provides an opportunity for students to develop a screenplay for television or motion pictures. Students learn the craft of screenwriting by studying published scripts, movies, and TV shows and by writing synopses, treatments, scenes, and a production-worthy screenplay.

Transfer Credit: CSU; UC

**ENGL 242
WRITING POETRY 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 240 or equivalent with a grade of "C" or higher or "Pass".

This course offers an intensive workshop atmosphere in which to write poetry. The course focuses on theory, technique, and practical discipline of writing poetry and examines models from various genres and communities. Students discuss the techniques of writing poetry and regularly present drafts of their own work for critical discussion in a whole-group setting.

Transfer Credit: CSU; UC

**ENGL 245
WORLD MYTHOLOGY
AS LITERATURE 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course studies the developments, structures, and techniques of comparable myths from a variety of cultures. Emphasis is on critical analysis of selected creation, hero, and fertility myths as literary expression.

Transfer Credit: CSU; UC

**ENGL 248A
MASTERPIECES OF
WORLD LITERATURE 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course studies Western and world literature from the ancient world to the 17th century. Various themes, forms and trends are examined in an effort to understand the universal problems of mankind.

Transfer Credit: CSU; UC

**ENGL 248B
MASTERPIECES OF
WORLD LITERATURE 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 OR ENGL 100S.

This course studies Western and World literature from the 17th century to the 21st century. Various themes, forms and trends are studied in an effort to examine literature with and among cultures.

Transfer Credit: CSU; UC

**ENGL 249
LGBT LITERATURE 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" OR satisfactory completion of the assessment/placement process with eligibility for ENGL 100 or ENGL 100S.

"LGBT Literature" is focused on the examination and analysis of literature that is written by or about LGBTQ+ individuals, or includes themes, characters or plots that attempt to represent lesbian, gay, bisexual, transgender, or queer issues or problems. We will examine how these authors and texts create characters that challenge or contravene accepted sexual norms as well as transgress traditional or binary gender roles, gender expression, and gender identity.

Transfer Credit: CSU; UC

ENGLISH AS A SECOND LANGUAGE

(Liberal Arts Division)

**ESL 120
PREPARATION FOR COLLEGE
WRITING FOR NON-NATIVE
ENGLISH SPEAKERS 5.0 UNITS**

Class hours: 5.0 Lecture/1.0 Laboratory

Prerequisite: Completion of the English as a Second Language assessment/placement process with a qualifying score for ESL 120 or completion of ESL 5, ESL 200, or equivalent with a grade of "C" or higher or "Pass".

This is an advanced ESL writing course designed to improve academic reading, writing, grammar, listening, and speaking skills of non-native English speakers in preparation for college classes. Students continue to use the writing process as a means of developing ideas into clear, correct, and effective writing. Critical reading, summarizing, and expository essay writing are taught with teaching methods that facilitate comprehension for English language learners.

*Transfer Credit: CSU; UC **

** UC transfer limits may apply. ESL 120 and ESL 152 combined: maximum credit 8 units.*

ESL 152

INTRODUCTION TO COLLEGE COMPOSITION FOR NON-NATIVE ENGLISH SPEAKERS

5.0 UNITS

Class hours: 5.0 Lecture/1.0 Laboratory
Prerequisite: Completion of the English as a Second Language placement process with a qualifying score for ESL 152 or completion of ESL 120 or equivalent with a grade of "C" or higher or "Pass".

This course is designed to prepare non-native English speakers for college-level writing and for entrance into English 100 or English 100S. Students develop the ability to write clearly, effectively and correctly, using standard American English. Students write a series of compositions that integrate critical reading and thinking, the writing process, and library research. Students continue to develop listening comprehension, speaking skills, grammar, sentence structure, and vocabulary to facilitate second language acquisition.

*Transfer Credit: CSU; UC**

**UC transfer limits may apply. ESL 120 and ESL 152 combined: maximum credit 8 units.*

FILM

(FINE ARTS & COMMUNICATIONS DIVISION)

FILM 241

SCREENWRITING 3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 or ENGL 100S.

This course provides an opportunity for students to develop a screenplay for television or motion pictures. Students learn the craft of screenwriting by studying published scripts, movies, and TV shows and by writing synopses, treatments scenes, and a production-worthy screenplay (Formerly TH 241)

Transfer Credit: CSU; UC

GEOLOGY

(Science, Engineering, and Math Division)

GEOL 101

PHYSICAL GEOLOGY

4.0 UNITS

Class hours: 3.0 Lecture/4.0 Laboratory
Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/ placement process with a score eligible for ENGL 100 or ENGL 100S.

Recommendation: MATH 40 or equivalent with a grade of "C" or higher or "Pass" or completion of the Math assessment/placement process with a score eligible for MATH 60.

This course is an introduction to the composition, structure, and geologic processes of Earth. The laboratory component focuses on rock and mineral identification, the use of topographic maps to interpret landform features, analysis of mass wasting events, interpretation of seismogram records, and determining the relative age of geologic events. Three Saturday or Sunday field trips are required. This course is not open to students with credit in GEOL 102.

Transfer Credit: CSU; UC

GEOL 102

PHYSICAL GEOLOGY LECTURE 3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement tests with a score eligible for ENGL 100 or ENGL 100S and MATH 40 with a grade of "C" or higher or "Pass" or completion of the Math assessment/placement test with a score eligible for Math 60.

This course is an introduction to the physical processes that make and shape our dynamic planet Earth. This course is not open to students with credit in GEOL 101.

Transfer Credit: CSU; UC

GEOL 102L

PHYSICAL GEOLOGY LABORATORY

1.0 UNIT

Class hours: 3.0 Laboratory

Prerequisite: GEOL 102 or equivalent with a grade of "C" or higher or "Pass" or concurrent enrollment

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/ placement process with a score eligible for ENGL 100 or ENGL 100S; and MATH 40 or equivalent with a grade of "C" or higher or "Pass" or completion of the math assessment/ placement process with a score eligible for MATH 60.

This course is intended to be the laboratory component to the Physical Geology Lecture course, GEOL 102. Activities include rock and mineral identification, using topographic maps to interpret landform features, analyzing mass wasting events, interpreting seismogram records, and determining the relative age of geologic events. This course is not open to students with credit in GEOL 101.

Transfer Credit: CSU; UC

GEOL 103

ENVIRONMENTAL GEOLOGY LECTURE

3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass" and MATH 40 or equivalent with a grade of "C" or higher or "Pass" or completion of the math assessment/placement process with a score eligible for MATH 60.

This is a general studies course that includes the investigation of relevant geologic, hydrologic, oceanographic, and atmospheric processes as they affect and are affected by human activities. The technological, economic, and political aspects of challenges and solutions resulting from these relationships are studied as well. This course is not open to students with credit in ESCI 101.

Transfer Credit: CSU; UC

GEOL 201

EARTH HISTORY 4.0 UNITS

Class hours: 3.0 Lecture/3.0 Laboratory

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with a score eligible for ENGL 100 or ENGL 100S, and MATH 40 or equivalent with a grade of "C" or higher or "Pass" or completion of the Math assessment/placement process with a score eligible for MATH 60.

This course explores the origin and geological history of the earth and the evolution of Earth's plants and animals over time. Themes include geologic time, plate tectonics, fossils, stratigraphy, paleogeography, and the evolution of the physical and biologic Earth. The laboratory component includes methods of geologic dating, plate tectonics and its relation to paleogeography, stratigraphy, fossil identification, and using fossils to interpret biologic evolution.

Transfer Credit: CSU; UC

GEOL 204
GEOLOGY OF THE WESTERN
NATIONAL PARKS
AND MONUMENTS **3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement test with a score eligible for ENGL 100 or ENGL 100S; and MATH 40 or equivalent with a grade of "C" or higher or "Pass" or completion of the Math assessment/placement test with a score eligible for Math 60.

A study of the geologic processes that have helped created the natural beauty of our western National Parks and Monuments.

Transfer Credit: CSU

GEOL 207
PALEONTOLOGY,
LIFE OF THE PAST **4.0 UNITS**

Class hours: 3.0 Lecture/3.0 Laboratory

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with a score eligible for ENGL 100 or ENGL 100S, and MATH 40 or equivalent with a grade of "C" or higher or "Pass" or completion of the math assessment/ placement process with a score eligible for MATH 60.

This course is an introduction to the study of fossils. Fossil preservation, distribution and paleoecology are considered. Particular emphasis is placed on the fossil record as evidence of organic evolution on planet earth. Laboratory will include specimen identification. Two field trips are required.

Transfer Credit: CSU; UC

GEOL 208
THE AGE OF
THE DINOSAURS **3.0 UNITS**

Class hours: 3.0 Lecture/3.0 Laboratory

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with a score eligible for ENGL 100, or ENGL 100S, and MATH 40 or equivalent with a grade of "C" or higher or "Pass" or completion of the math assessment/ placement process with a score eligible for MATH 60

This is an integrated course designed to give broad, general knowledge in the areas of nonavian dinosaur origins, evolution, lifestyles, habitat, and extinction. It will also provide an in-depth coverage of the origin of avian

dinosaurs and other life forms of the Age of Dinosaurs. Two field trips are required activities.

Transfer Credit: CSU; UC

GEOL 209
NATURAL DISASTERS **3.0 UNITS**

Class hours: 2.5 Lecture/1.5 Laboratory

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass," or completion of the English placement process with a score eligible for ENGL 100 or ENGL 100S.

This course is an introduction to the study of natural disasters, including how the origins are explained by atmospheric disturbances and plate tectonics, and how new knowledge can be applied to the betterment of human welfare. The equivalent of three (3) one-day field trips is required and constitutes the laboratory portion of this course.

Transfer Credit: CSU; UC

HEALTH EDUCATION

(Kinesiology Division)

HED 202
HEALTH SYSTEMS
AND PERSPECTIVES **3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: HED 100 or equivalent with a grade of "C" or higher, or "Pass".

Recommendation: Completion of ENGL 100 or 100S, or equivalent with a grade of "C" or higher, or "Pass."

This course focuses on the availability and delivery of the healthcare systems in the United States. The course materials will provide students with knowledge in which health care services are organized and delivered, the forces that impact health care public policy decisions, factors that determine the allocation of health care resources and the establishment of priorities, the relationship of health care costs to measurable benefits, and the contributions of medical technology, research findings, and societal values on the health care delivery system.

Transfer Credit: CSU

HISTORY

(Business, Humanities, and Social Sciences Division)

HIST 101
AMERICAN HISTORY
AND CONSTITUTION **3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: Satisfactory completion of English assessment/placement process or ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass".

Recommendation: Satisfactory completion of the Reading assessment/placement process or READ 54 with a grade of "C" or higher or "Pass"

History 101 is a survey of the history of the United States from pre-colonial times to the present. Major political, social, economic, and cultural factors will be presented focusing on the roles played by the diverse peoples and cultures who shared in the development of United States history. An emphasis may be placed on one or more of these factors.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. HIST 101, HIST 102 and HIST 103 combined: maximum credit, 2 courses.*

HIST 110
AFRICAN/AMERICAN
HISTORY **3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the placement process with eligibility for ENGL 100 or ENGL 100S, and satisfactory completion of the Reading Placement Process or READ 43 or READ 49 with a grade of "C" or higher or "Pass".

This course is a survey of the political, legal, economic, and social position and role of African-Americans in the history of the United States. Special emphasis will be given to the contributions of African-Americans in all aspects of American culture.

Transfer Credit: CSU; UC

HIST 204
WOMEN IN
AMERICAN HISTORY **3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

This lecture/discussion course will survey women's history in the United States from colonial times to the present. It will focus on defining the similarities and differences in historical experiences of women based on their social class, race, and ethnicity. Topics of concentration include the changing roles of women in the private and public spheres; an analysis of the agendas, strategies, and consequences of the women's movements; and the historical evolution of the definitions of feminism and social construction of gender. This course is not open to students who are enrolled in or have received credit in WGS 204 or WS 204.

Transfer Credit: CSU; UC

HIST 241 WESTERN CIVILIZATION 3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: Completion of ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

Recommendation: Satisfactory completion of the Reading Placement Process or READ 54 or equivalent with a grade of "C" or higher or "Pass"

History 241 is a survey of the development of Western Civilization from the pre-historic era through the mid-seventeenth century A.D. It focuses on the contributions to this development of ancient Sumer, Egypt, classical Greece, Rome, Christianity, Byzantium, Islam, the Middle Ages, the Renaissance, and the Reformation. It acquaints students with the basic institutions, personalities, documents, and writings of the western world, which have influenced contemporary events.

Transfer Credit: CSU; UC

HIST 242 WESTERN CIVILIZATION 3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

Recommendation: Satisfactory completion of the Reading Placement Process or READ 54 or equivalent with a grade of "C" or higher or "Pass"

History 242 is a survey course in the history of modern Europe and the Western world from the mid-seventeenth century to the present. It emphasizes broad economic, social and changing political trends, with special attention given to the role of science, the arts and technology in creating the modern world.

Transfer Credit: CSU; UC

HUMANITIES

(Fine Arts & Communications Division)

HUM 107 MEN AND MASCULINITIES: CONSTRUCTING MANHOOD IN AMERICA 3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

Recommendation: READ 54 or READ 97 with a grade of "C" or higher, or "Pass," or completion of the Reading Placement Process with a score of "Reading Exempt."

"Men and Masculinities: Constructing Manhood in America" is a multidisciplinary course that provides a foundation for interpreting aspects of gender in American society. It examines the essential components of Masculinities Studies as an academic discipline; delineates gender theories; evaluates the social construction and politics of gender, and gender-oriented social and political movements; analyzes the intersections of gender with race, ethnicity, social class, disability, sexual orientation, and sub-cultures; and identifies the issues of men and masculinities in a global context. This course is not open to students who are currently enrolled in or have completed WS 107 or WGS 107.

Transfer Credit: CSU; UC

HUM 125 INTRODUCTION TO VISUAL AND CULTURAL STUDIES 3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English placement process with a score eligible for ENGL 100 or ENGL 100S and READ 54 or READ 97 or equivalent with a grade of "C" or higher or Pass or completion of the Reading placement process with a score of "Reading Exempt."

This foundation course introduces the essential skills required in visual and cultural studies, including research methodologies and critical theory. Emphasis is placed on critical and creative thinking skills associated with interdisciplinary scholarship. This seminar course culminates in an independent research project. This course is not open to students who are enrolled in or who have received credit in ART 125.

Transfer Credit: CSU; UC

HUM 200 SPECIAL TOPICS IN VISUAL AND CULTURAL STUDIES 3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or Pass or completion of the English placement process with a score eligible for ENGL 100 or ENGL 100S, and READ 54 or READ 97 or equivalent with a grade of "C" or higher or Pass or completion of the Reading placement process with a score of "Reading Exempt."

This course will expand on subjects and themes introduced into the core visual and cultural studies offerings. Each topic will focus on themes, perspectives, and issues of special interest to students. The specific focus of a particular offering will be decided by the course instructor and announced in the schedule of classes. This course is not open to students who are enrolled in or who have received credit in ART 200.

Transfer Credit: CSU

INTERDISCIPLINARY STUDIES

(Business, Humanities, and Social Sciences Division)

INST 100 PRINCIPLES AND STRATEGIES FOR PROBLEM SOLVING 3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of English Placement Process with eligibility for ENGL 100 or ENGL 100S.

Students will study problem-solving concepts and strategies from an interdisciplinary perspective needed to succeed as a lifelong learner and contributor to society. Various theories and models for learning, intellectual development and leadership, as applied to problem solving, will be addressed. Emphasis is placed on the application of metacognitive strategies and problem-solving concepts to issues associated with mastering the college experience. Students will apply acquired skills and knowledge to collaborative solutions to problems within their local communities.

Transfer Credit: CSU

JOURNALISM**(Fine Arts & Communications Division)****JOUR 101
BEGINNING NEWSWRITING
AND REPORTING 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

This course focuses on the principles of newsgathering and news writing, with emphasis on journalistic writing. Basic news story structure and development, news evaluation, newsgathering methods, interviewing, craftsmanship, and reporting techniques in general are explored. Newspaper and other news and information media are analyzed. The course is particularly recommended for English and communications majors and those planning careers in news media, public relations, communications, corporate communications and news and informational media.

*Transfer Credit: CSU; UC***LAW****(Business, Humanities, Social Sciences
Division)****LAW 160
CALIFORNIA WORKERS'
COMPENSATION LAW 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: ENGL 52 ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

This course is an overview of California Workers' Compensation law that governs the relationship between employers and employees in the workplace. It provides an understanding for both employers and employees of their rights and obligations under these laws.

*Transfer Credit: CSU***LIBRARY****(Learning Resource Center)****LIBR 100
INTRODUCTION TO
LIBRARY RESEARCH 1.0 UNIT**

Class hours: 1.0 Lecture/1.0 Laboratory

This course emphasizes the use of library methods and materials that will enable students to locate information for course related study and research. This course is of special value to those students intending to transfer to four-year institutions. This course is offered on a pass/no pass basis.

*Transfer Credit: CSU; UC****UC credit limits may apply. LIBR 100 and LIBR 101 combined: maximum credit, one course.***LIBR 101
ADVANCED LIBRARY RESEARCH 1.0 UNIT**

Class hours: 1.0 Lecture/1.0 Laboratory

Advanced research strategies are introduced. This includes narrowing a topic, keyword selection, advanced Boolean operators, and database truncation techniques. This course is offered on a pass/no pass basis.

*Transfer Credit: CSU; UC****UC credit limits may apply. LIBR 100 and LIBR 101 combined: maximum credit, one course.***MATHEMATICS****(Science, Engineering, and Math Division)****MATH 110A
MATHEMATICS FOR
ELEMENTARY TEACHERS 3.0 UNITS**

Class hours: 3.0 Lecture/1.0 Laboratory

Prerequisite: MATH 80 or MATH 80B or equivalent with a grade of "C" or higher or "Pass" or completion of the Math assessment/placement process with a score eligible for MATH courses numbered 100 level or higher and MATH 70 or equivalent with a grade of "C" or higher or "Pass".

Designed for prospective elementary and middle school teachers, this course is an introduction to problem-solving processes and strategies. Topics will include the development and analysis of the structure of and operations on the real number system. The course will include investigations on concept and process development using appropriate models, technology, manipulatives, and activities. It meets elementary education credential requirements.

*Transfer Credit: CSU; UC****UC credit limits may apply. MATH 110A and MATH 110B combined: maximum credit, one course***MUSIC****(Fine Arts & Communication Division)****MUS 110
MUSIC TECHNOLOGY
FUNDAMENTALS 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: MUS 105 or equivalent with a grade of "C" or higher or "Pass" and completion of ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with a score eligible for ENGL 100 or ENGL 100S.

The course covers the fundamental vocabulary, techniques, concepts, and devices used in contemporary music production and related media fields. This course covers sound fundamentals, professional audio equipment, computers, music production software, recording studios, MIDI, electronic music, audio-visual productions, and film. Topics such as trade publications, relevant conventions, and employment opportunities are also discussed.

*Transfer Credit: CSU***MUS 144A
SYNTHESIZER TECHNIQUES 2.0 UNITS**

Class hours: 2.0 Lecture/2.0 Laboratory

Prerequisite: MUS 110 or equivalent with a grade of "C" or higher or "Pass".

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalents with a grade of "C" or higher or "Pass" or completion of the English Placement Process with a score eligible for ENGL 100 or ENGL 100S.

This class is an application of MIDI, synthesizer programming, sampling, computer sequencing, notation, and computer programming. The course covers the history of electronic music and its evolution with respect to technology. Short compositions will be required of all students. Individual lab time is provided. This course is not open to students who have received credit in MUS 144.

*Transfer Credit: CSU***MUS 144B
ELECTRONIC MUSIC
PRODUCTION 2.0 UNITS**

Class hours: 2.0 Lecture/2.0 Laboratory

Prerequisite: MUS 144 or MUS 144A or equivalent with a grade of "C" or higher or "Pass"

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalents with a grade of "C" or higher or "Pass" or completion of the English Placement Process with a score eligible for ENGL 100 or ENGL 100S.

This class introduces advanced MIDI, synthesis, and music production techniques used for music, film, and television. The course covers synchronization, remixing, sound design, rhythm programming, notation, and basic MIDI orchestration. Students will receive training on a variety of computer music programs, each suited for a particular task. Several compositions will be required of all students. Individual lab time is provided. This course is not open to students who have received credit in MUS 145.

Transfer Credit: CSU

MUS 146A RECORDING TECHNIQUES 2.0 UNITS

Class hours: 2.0 Lecture/2.0 Laboratory
Prerequisite: MUS 110 or equivalent with a grade of "C" or higher or "Pass".
Recommendation: Completion or ENGL 52 or ENGL 72 or ESL 152 or equivalents with a grade of "C" or higher or "Pass" or completion of the English Placement Process with a score eligible for ENGL 100 or ENGL 100S.

This course covers the methods of audio recording in studio and live environments. It includes the technical, as well as the artistic, aspects of recording. Emphasis will be placed on the practical use of audio equipment both in a studio situation and on location. Several recordings will be required of all students. Individual lab time is provided. This course is not open to students who have received credit in MUS 146.

Transfer Credit: CSU

MUS 146B MIXING TECHNIQUES 2.5 UNITS

Class hours: 2.0 Lecture/2.0 Laboratory
Prerequisite: MUS 146A or MUS 146 or equivalent with a grade of "C" or higher or "Pass"

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with a score eligible for ENGL 100 or ENGL 100S.

This course covers the methods of audio mixing in the studio, covering a variety of music genres. It includes the technical, as well as the artistic, aspects of mixing. Emphasis will be placed on the practical mixing strategies and techniques. Students will supervise at least one recording session and provide a mix of that session. Several mix projects in varying genres will be required of all students. Individual lab time is provided.

Transfer Credit: CSU

MUS 155 MUSIC ENTREPRENEURSHIP 3.0 UNITS

Class hours: 3.0 Lecture
Prerequisite: MUS 135 or equivalent with a grade of "C" or higher or "Pass".
Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with a score eligible for ENGL 100 or ENGL 100S.

This course explores the elements and development of business plans, business structure, finances, marketing, and management for a career in the music industry as a performer, producer, songwriter, or educator. Students will learn entrepreneurial tools particular to the music industry that will assist in creating new ventures and realize a career path. This course explores New Media and online methods for promotion, distribution, and publishing. Students will be required to design a business plan along with a resume for employment.

Transfer Credit: CSU

MUS 156 CONTEMPORARY MUSIC NOTATION 2.5 UNITS

Class hours: 2.0 Lecture/2.0 Laboratory
Prerequisite: MUS 105 or equivalent with a grade of "C" or higher or "Pass".
Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with a score eligible for ENGL 100 or ENGL 100S.

This course trains students in the craft and technique of music notation. Students will learn to create professional-quality vocal scores, lead sheets, piano reductions, arrangements, tablatures, and worksheets. Students will learn practical techniques and workflows to produce manuscripts with computer notation software. Topics include transpositions, part creation, and working from MIDI files.

Transfer Credit: CSU

MUS 244A AUDIO FOR FILM, TV, AND GAMES 2.5 UNITS

Class hours: 2.0 Lecture/2.0 Laboratory
Prerequisite: MUS 144B or MUS 145 AND MUS 146B or equivalent with a grade of "C" or higher or "Pass".

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with a score eligible for ENGL 100 or ENGL 100S.

This course covers the assembly of various audio elements (dialog, music, and sound effects) into a playlist for synchronization to picture. Non-linear digital video and audio editing systems will be explored to create finished video projects. The course will focus on designing sound elements for film, TV, animation, and computer game platforms.

Transfer Credit: CSU

MUS 245A MUSIC FOR FILM, TV, AND GAMES 2.5 UNITS

Class hours: 2.0 Lecture/2.0 Laboratory
Prerequisite: MUS 144B or MUS 145 and MUS 146B or equivalent with a grade of "C" or higher or "Pass".

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with a score eligible for ENGL 100 or ENGL 100S.

This course introduces students to traditional and MIDI orchestration techniques as it pertains to the film, television, and gaming industries. The course will also cover the history of film music and its technological evolution. Students will learn the elements and sound of orchestral and vocal ensembles. Students will create "mock" scores using MIDI and sample libraries in a variety of styles. The course will focus on creating realistic sounding musical scores using sequencers.

Transfer Credit: CSU

PHILOSOPHY

(Business, Humanities, and Social Sciences Division)

PHIL 100 INTRODUCTION TO PHILOSOPHY 3.0 UNITS

Class hours: 3.0 Lecture
Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

This is a humanities course developing philosophical concepts through problems and systems of thought in selected Western philosophers such as Socrates, Plato, Aristotle, Augustine, Aquinas, Bacon, Kant, etc. It, furthermore, studies modern movements in Western culture such as dialectical materialism, pragmatism, analytic philosophy, and existentialism.

Transfer Credit: CSU; UC

**PHIL 102
INTRODUCTION TO ETHICS 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

This course represents a survey of the major theories of value in the writings of some prominent philosophies of Western culture and the Asian tradition, with special attention to a critical evaluation of their relevance to educational, ethical, esthetic, religious, and social problems of our times.

Transfer Credit: CSU; UC

**PHIL 103
PHILOSOPHICAL REASONING:
CRITICAL THINKING
IN PHILOSOPHY 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 100 or ENGL 100S, or equivalent with a grade of "C" or higher or "Pass" or satisfactory completion of the Advanced Placement English Examination of the College Entrance Examination Board

This course develops critical thinking skills necessary for evaluating and formulating argumentative/persuasive essays and practice in applying those skills. (Formerly PHIL 202)

Transfer Credit: CSU; UC

**PHIL 104
PHILOSOPHY OF
CULTURAL DIVERSITY:
CHALLENGE AND CHANGE 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

This humanities course is designed to create understanding, appreciation, and tolerance of diverse cultures, particularly those of non-Western civilizations which are ethnic minority groups in American culture. Topics covered will include the nature of culture, the epistemology of cultural diversity, world views, religion, traditional values, ethnocentrism, cultural relativism, cultural pluralism, and the philosophy of liberation.

Transfer Credit: CSU; UC

**PHIL 106
INTRODUCTION TO LOGIC 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass"

This course gives an introduction to the basic principles of inductive and deductive reasoning, the uses of language, definition, analysis of fallacious arguments in various areas, and integration of composition and critical thinking skills.

Transfer Credit: CSU; UC

**PHIL 107
PHILOSOPHY OF
SCIENCE AND TECHNOLOGY 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

This introductory level course will examine the nature of scientific reasoning and its relationship to technology, the development of modern technologies, and the impact of science and technology on society, personal life, and the environment. Major areas of philosophical inquiry will include metaphysics, epistemology, ethics, and aesthetics

Transfer Credit: CSU; UC

**PHIL 108
PHILOSOPHY OF
THE AMERICAS 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

This course will examine fundamental elements of metaphysics, epistemology, ethics, aesthetics, and political and social philosophy as found in four cultural worldviews: African-American philosophy, Anglo-American philosophy, Latin-American philosophy, and Native-American philosophy. This introductory course is designed to prepare students to analyze philosophical ideas and to critically assess commonality and divergence among these four worldviews on the subjects of human nature, moral community, freedom, truth, society, ultimate reality, economic justice, environment, and beauty

Transfer Credit: CSU; UC

**PHIL 109
PHILOSOPHY OF THE BODY,
FEMINISM, AND GENDER 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

Recommendation: READ 54 or READ 97 with a grade of "C" or higher or "Pass" or completion of the Reading Placement Process with a score of "Reading Exempt."

This course will examine philosophical scholarship on feminism, gender, and theory of the body in the areas of metaphysics, epistemology, ethics, and aesthetics. Questions about gender identity, the nature of the self and personal identity, friendship, the feminist conception of knowledge, feminism and philosophy of language, philosophy of religion, philosophy of science; misogynist patterns in philosophical texts, male responses to feminism, moral theories, and feminist questions about beauty and art will be examined in the course, while students are also engaged in understanding the fundamentals of philosophy. This course is not open to students who are currently enrolled in WGS 109 or WS 109.

Transfer Credit: CSU; UC

**PHIL 130
HISTORY OF
ANCIENT PHILOSOPHY 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the placement process with eligibility for ENGL 100 or ENGL 100S.

This course covers the genesis of Western philosophy and its development, ranging from the pre-Socratic philosophers, moving through Plato and Aristotle, and ending with the emergence of Neo-Platonism. This study includes the influence Hellenic society and culture had over Athens, Rome, Alexandria, and Asia Minor: from 585 BC/BCE, with the earliest pre-Socratics, the 529 AD/CE, when Justinian closed Plato's Academy at Athens. Special attention is paid to reading primary philosophical texts.

Transfer Credit: CSU; UC

**PHIL 140
HISTORY OF
MODERN PHILOSOPHY 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the placement process with eligibility for ENGL 100 or ENGL 100S.

This course addresses 17th and 18th century philosophy with an emphasis on metaphysical, epistemological, political, and psychological developments of rationalism and empiricism in philosophical thought from Descartes to Kant and may include approximate precursors and successors. Special attention is paid to reading primary philosophical texts.

Transfer Credit: CSU; UC

**PHIL 160
SYMBOLIC LOGIC 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 100 or ENGL 100S, or equivalent with a grade of "C" or higher or "Pass"

Recommendation: PHIL 106 with a grade of "C" or higher or "Pass".

This course is an introduction to propositional (sentential) and predicate (quantificational) logic. PHIL 160 examines the basic concepts and achievements of modern logic. It aims to provide students with the ability to think rigorously, identify and deconstruct arguments, represent arguments in symbolic notation, and determine the validity of arguments using deductive proofs.

Transfer Credit: CSU; UC

**PHIL 201
CONTEMPORARY PHILOSOPHY 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

Recommendation: READ 42 or READ 48 or equivalent with a grade of "C" or higher or "Pass"

This course is a survey of the major philosophical movements that characterize the twentieth and twenty-first centuries, including the rise of Continental, Anglo-American, Marxist, Feminist, Asian, African, and Latin American philosophies. Students will become familiar with the diversity of styles, methods, and approaches that contemporary philosophers have developed in response to the problems of self and subjectivity; mind and consciousness; alienation, anxiety, and authenticity; gender, race, nationality, and social justice; relativism, universalism, realism; and the role of meaning and language in philosophical inquiry.

Transfer Credit: CSU; UC

**PHIL 203
PHILOSOPHY OF RELIGION 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

This course will examine philosophical theories of the nature of religion, arguments for the existence of God, the nature of miracles, religious experience, faith and pragmatic reasons for belief, arguments from evil, God and morality, religious diversity, God and language, atheism and agnosticism, and life after death. The course will examine traditional and contemporary theories of philosophy of religion while students are also engaged in understanding the fundamentals of philosophy.

Transfer Credit: CSU; UC

**PHIL 204
PHILOSOPHY OF THE BIBLE I
(HEBREW SCRIPTURES) 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

This course is a general introduction to the philosophical, religious, cultural and historical influences on the development of the Hebrew Scriptures. The methods of critical analysis of Biblical materials from an academic point of view will be presented and discussed.

Transfer Credit: CSU; UC

**PHIL 205
INTRODUCTION TO BIOETHICS 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 ENGL 72 ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

This introductory course examines moral theories and philosophical implications relevant to biological and medical procedures, technologies, and treatments, such as organ transplantation, genetic engineering, and care of the terminally ill. This course also studies ethical problems arising from biological research and the application of biological research in other fields such as social and political policies, the environment, and professional careers in medical and some scientific fields. Students learn about the principles of philosophical reasoning and the fundamentals of philosophy while engaged in understanding the elements of bioethics.

Transfer Credit: CSU; UC

**PHIL 206
PHILOSOPHY OF THE BIBLE II
(CHRISTIAN SCRIPTURES) 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

This course is a general introduction to the philosophical, religious, cultural and historical influences on the development of the Christian Scriptures. The methods of critical analysis of Biblical materials from an academic point of view will be presented and discussed.

Transfer Credit: CSU; UC

PHYSICAL EDUCATION

(Kinesiology Division)

**PEX 100A
ADAPTED INDEPENDENT
EXERCISE 1.0 UNIT**

Class hours: 0.5 Lecture/1.5 Laboratory

This course is designed for the student who is not able to participate in virtually any physical activity course due to a disability. An individualized exercise program will be tailored to the physical abilities and disabilities of the student.

*Transfer Credit: CSU, UC**

**UC credit limits may apply. Any or all of these PEX Activity courses combined: maximum credit, 4 units*

**PEX 106
ADAPTED AQUATIC EXERCISE 1.0 UNIT**

Class hours: 0.5 Lecture/1.5 Laboratory

Recommendation: Completed adapted physical education physician health clearance for participation, adapted physical education health history questionnaire, intake interview assessment procedures.

This course is designed for the student who is unable to participate in a regular aquatic exercise course due to a disability. Improvement in the components of fitness and basic water safety skills along with other pool activities such as basic swimming mechanics will be included.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. Any or all of these PEX Activity courses combined: maximum credit, 4 units*

PEX 106A**ADAPTED AQUATIC
GROUP FITNESS****1.0 UNIT**

Class hours: 0.5 Lecture/1.5 Laboratory
This course is designed to provide group aquatic fitness training. This class will meet the needs of students who want practical instruction in ways to improve their cardiovascular endurance, muscular strength and endurance, and flexibility through various aerobic, strength, and flexibility exercises in the water including a variety of training options for various ability and mobility levels. No swimming skills are required.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. Any one or all of these PEX activity courses combined: maximum credit, 4 units.*

PEX 107**ADAPTED TEAM SPORTS****1.0 UNIT**

Class hours: 0.5 Lecture/1.5 Laboratory
Recommendation: Completed adapted physical education physician health clearance for participation, adapted physical education health history questionnaire, intake interview assessment procedures.

This course is designed for students with disabilities requiring assistance and equipment adaptation to participate in team sports. The course will provide activities to develop general fitness as well as skill and knowledge in a variety of team sports.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. Any or all of these PEX Activity courses combined: maximum credit, 4 units*

PEX 107A**ADAPTED SOCCER****1.0 UNIT**

Class hours: 0.5 Lecture/1.5 Laboratory
This class is designed to introduce theory and practice in the fundamental skills and techniques of full size games, short field games, and power soccer for individuals with a disability. Skills and techniques will be tailored to the student's individual ability levels.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. Any one or all of these PEX activity courses combined: maximum credit, 4 units.*

PEX 108**ADAPTED INDIVIDUAL SPORTS****1.0 UNIT**

Class hours: 0.5 Lecture/1.5 Laboratory
Recommendation: Completed adapted physical education physician health clearance for participation, adapted physical education

health history questionnaire, intake interview assessment procedures.

This course is designed for students with disabilities requiring assistance and equipment adaptation to participate in individual sports. The course will provide activities to develop general fitness as well as skill and knowledge in a variety of individual sports.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. Any or all of these PEX Activity courses combined: maximum credit, 4 units*

PEX 113**ZUMBA****1.0 UNIT**

Class hours: 0.5 Lecture/1.5 Laboratory
This Zumba course is a Latin-inspired, dance-fitness class that incorporates Latin and international music and dance movements, creating a dynamic, exciting, exhilarating, and effective fitness program. This class combines fast and slow rhythms that tone and sculpt the body using an aerobic/fitness approach to achieve a unique blended balance of cardio and muscle-toning benefits.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. Any one or all of these PEX activity courses combined: maximum credit, 4 units.*

PEX 116**WATER AEROBICS****1.0 UNIT**

Class hours: 0.5 Lecture/1.5 Laboratory
This water aerobics exercise class emphasizes development of cardiorespiratory endurance, flexibility and muscle tone. No swimming skills are required. This course is not open to students who have received credit in PEX 134.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. Any or all of these PEX Activity courses combined: maximum credit, 4 units*

PEX 117**AQUA ZUMBA****1.0 UNIT**

Class hours: 0.5 Lecture/1.5 Laboratory
Aqua Zumba is designed to develop cardiovascular fitness using the resistance of the water as a means to develop endurance, strength, flexibility and coordination. This course combines some of the traditional elements of aqua fitness with the upbeat, Latin-infused dance moves and music.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. Any one or all of these PEX activity courses combined: maximum credit, 4 units*

PEX 120**CARDIO KICKBOXING****1.5 UNITS**

Class hours: 1.0 Lecture/2.0 Laboratory
This course is designed to introduce the student to the history, skills and strategies of Cardio Kickboxing/Muay Thai. It will introduce concepts of proper warm up, cool down and stretches. It will provide an overview of effective offensive and defensive combative techniques achieved through participating in Cardio Kickboxing/Muay Thai drills.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. Any one or all of these PEX activity courses combined: maximum credit, 4 units*

PEX 121**HIGH-INTENSITY****INTERVAL TRAINING****1.0 UNIT**

Class hours: 0.5 Lecture/1.5 Laboratory

Recommendation: Students should be able to participate safely in a high-intensity exercise program.

Each workout will consist of a series of 6-8 High-Intensity Exercises followed by short bouts of rest. Students will improve endurance and burn fat within a short amount of time. Each exercise can be modified for all levels of fitness and injury prevention will be stressed. Students will learn about the basic principles of fitness and wellness and the benefits of High-Intensity Interval Training.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. Any one or all of these PEX activity courses combined: maximum credit, 4 units*

PEX 122**CROSS FIT TRAINING****AND FUNCTIONAL EXERCISES****1.5 UNITS**

Class hours: 1.0 Lecture/2.0 Laboratory
This Hybrid Fitness class incorporates components for cardiovascular training, core training, weight lifting, agility, plyometrics and functional training exercises. Improvement in cardiovascular fitness, muscular strength and endurance, and flexibility will be measured.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. Any one or all of these PEX activity courses combined: maximum credit, 4 units*

PEX 135**ROPES, BANDS, AND****SUSPENSION TRAINING****1.5 UNITS**

Class hours: 1.0 Lecture/2.0 Laboratory
A class utilizing jump ropes, heavy ropes, resistance bands, calisthenics, and suspension trainers (i.e., TRX) to create a fun and interesting full body workout. Students will learn how to utilize each type of exercise/

equipment safely and effectively and work towards improving in all 5 components of fitness. Lectures include the areas of basic nutrition, body composition, posture analysis, and principles of safe and effective exercise

*Transfer Credit: CSU; UC**

**UC credit limits may apply. Any one or all of these PEX activity courses combined: maximum credit, 4 units.*

**PEX 142
GROUP TREADMILL AND
CARDIO MACHINE TRAINING 1.0 UNIT**

Class hours: 0.5 Lecture/1.5 Laboratory

A cardiovascular fitness class that incorporates treadmill running, indoor cycling, and/or indoor stair stepping with short components of resistance training. The focus of each class will rotate from cardiovascular endurance, power, or strength, followed by stretching exercises. Individual's Heart Rates will be monitored during class to assess intensity throughout and to individualize workouts.

*Transfer Credit: CSU; UC**

**UC credit limits may apply. Any one or all of these PEX activity courses combined: maximum credit, 4 units.*

**PEX 148
BRAZILIAN JIU JITSU 1.0 UNIT**

Class hours: 0.5 Lecture/4.5 Laboratory

This course is designed to introduce the student to the history, skills and strategies of Brazilian Jiu Jitsu (BJJ), "The gentle art." It will introduce concepts of proper warm up, cool down and stretches. It will provide an overview of effective offensive and defensive combative techniques achieved through participating in BJJ drills and sparring

*Transfer Credit: CSU; UC**

**UC credit limits may apply. Any one or all of these PEX activity courses combined: maximum credit, 4 units.*

**PEX 150
MIXED MARTIAL ARTS 1.5 UNITS**

Class hours: 1.0 Lecture/2.0 Laboratory

This course is designed to introduce the student to the skills and strategies of Mixed Martial Arts (MMA). Combative techniques will be derived from, but not limited to, Muay Thai, Brazilian Jiu Jitsu, Judo, Jeet Kune Do, Tae Kwon Do, etc. It will introduce concepts of proper warm up, cool down and stretches. It will provide an overview of effective offensive and defensive combative techniques achieved through participating in various Mixed Martial Arts drills and sparring

*Transfer Credit: CSU, UC**

**UC credit limits may apply. Any one or all of these PEX activity courses combined: maximum credit, 4 units.*

**PEX 153
MEDITATIVE – YOGA AND STRESS
REDUCTION 1.0 UNIT**

Class hours: 0.5 Lecture/1.5 Laboratory

This class is meditative yoga class as well as an introduction to mindfulness based stress reduction. Instruction will include basic yoga postures with an emphasis on mindfulness, breathing practices, meditation, guided relaxation and expanded instruction in stress reduction strategies with a weekly topic of focus. The benefits of yoga include increased flexibility, strength balance, body awareness, as well as stress reduction. Stress reduction strategies can benefit both physical and emotional health and functioning

*Transfer Credit: CSU; UC**

**UC credit limits may apply. Any one or all of these PEX activity courses combined: maximum credit, 4 units.*

POLITICAL SCIENCE

(Business, Humanities, and Social Sciences Division)

**POL 240
INTRODUCTION TO
POLITICAL THEORY 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: Completion of the English Placement Process with a score eligible for ENGL 52 or ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher, or "Pass" and completion of the Reading Placement Process with a score eligible for READ 100 or READ 54 or equivalent with a grade of "C" or higher, or "Pass"

This course is an introduction to western political thought. The course surveys major themes in the history of political theory, including works by Plato, Aristotle, Augustine, Machiavelli, Locke, Hobbes, Rousseau and Marx. Topics of discussion include how best to govern society, the quality and ethics of political leadership, the sources of law and governmental authority, the issue of liberty and justice, and the role of the state in economic relations.

Transfer Credit: CSU; UC

**POL 250
MODEL UNITED NATIONS
THEORY AND PRACTICE 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the placement process with eligibility for ENGL 100 or ENGL 100S and READ 54 with a grade of "C" or higher or "Pass," and completion of the placement process with a score sufficient to meet the A.A. Reading proficiency requirement.

This course introduces students to the theory and practice of international diplomacy through participation in Model United Nations simulations. It explores the purpose and functions of international organizations with emphasis on the United Nations. It examines the historical development, norms, rules and procedures of the United Nations. Students will debate major issues of the organization; learn parliamentary procedures, diplomacy, international advocacy and extemporaneous speaking. The simulation activities in this course will afford students the opportunity to role-play as delegates representing specific countries at conferences sponsored and attended by colleges and universities in the region, nation-wide and all over the world. This course may be taken a maximum of 2 times

Transfer Credit: CSU

PSYCHOLOGY

(Business, Humanities, and Social Sciences Division)

**PSYC 103
CRITICAL THINKING
IN PSYCHOLOGY 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 100 or ENGL 100S, or equivalent with a grade of "C" or higher, or "Pass".

This course covers the nature of critical thinking from a psychological perspective. Focusing on the nature of thinking, the course emphasizes the development of critical thinking applied to scientific inquiry. Through an interactive classroom environment that includes lecture/discussion, debates, and writing exercises, critical thinking skills such as problem solving, determining cause and effect relationships, analyzing arguments, fallacies in thinking, comparing facts with opinion, an understanding probabilities are developed. There will be an emphasis on the application of critical thinking skills to everyday issues.

Transfer Credit: CSU; UC

SOCIOLOGY**(Business, Humanities, and Social Sciences Division)****SOC 205****INTRODUCTION TO SOCIAL RESEARCH METHODS 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: SOC 101 or ANTH 100 or equivalent with a grade of "C" or higher, or "Pass".

Recommendation: ENGL 100 or ENGL 100S, or equivalent and MATH 80 or equivalent with grades of a grade of "C" or higher, or "Pass".

Students will examine fundamental elements of empirical research and the ways social scientists think critically. This course includes attention to the nature of theory, hypotheses, variables, and ethics of research. Students will apply qualitative and quantitative analytical tools. Topics may include logic and research design, survey, observation, case study, focus groups, ethnographic methods, linguistic analysis, and historical/comparative research methods. This course is designed for students in the social sciences.

*Transfer Credit: CSU; UC***SPANISH****(Liberal Arts Division)****SPAN 260****FRIDA KAHLO AND MEXICAN MURALISTS 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English placement process with a score eligible for ENGL 100 or ENGL 100S.

This course is an introduction to the artwork, life and politics of Frida Kahlo, Diego Rivera, José Clemente Orozco, David Alfaro Siqueiros, and other muralists through a cultural, literary, political, and social approach. The course also provides skills to students to further develop their basic understanding on culture, religion, mestizaje, machismo, literature, geography, and ideas and customs of Mexican society during late 1800s through mid 1900s. In addition, students will be able to improve their writing and critical thinking skills. No previous knowledge of the subject is required. The course is taught in English.

*Transfer Credit: CSU; UC***SPEECH AND LANGUAGE PATHOLOGY****(Health Occupations Division)****SLP 101****INTRODUCTION TO COMMUNICATION DISORDERS 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the assessment/placement process with eligibility for ENGL 100 or ENGL 100S.

This course introduces foundational skills and principal theories for identification, classification, and management of communication disorders in individuals. Students will learn what distinctive features constitute normal and disordered speech, language, and hearing in a multicultural society. The legal and ethical scope of practice pertinent to roles in the fields of speech-language pathology and audiology will be delineated. Methods of assessment, observation, and intervention will be introduced.

*Transfer Credit: CSU***SLP 105****SPEECH AND LANGUAGE DEVELOPMENT IN CHILDREN 3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the assessment/placement process with eligibility for ENGL 100 or ENGL 100S.

This course is designed to provide the student with an understanding of how speech and language develop in normal monolingual and bilingual children. Students will learn the components of speech and language as well as theories of language development. Cognitive, motor, and social-emotional factors will be discussed as they relate to language development. Students will be introduced to informal measures of communication development using speech and language samples of typically developing children.

*Transfer Credit: CSU***WOMEN'S AND GENDER STUDIES****(Business, Humanities, and Social Sciences Division)****WGS 101****ISSUES FOR WOMEN IN AMERICAN SOCIETY 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher, or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

Recommendation: READ 54 or READ 97 with a grade of "C" or higher, or "Pass" or completion of the Reading Placement Process with a score of "Reading Exempt."

Issues for Women in American Society is a multidisciplinary course that provides a foundation for interpreting gender in American society. It examines the essential components of women's studies as an academic discipline; delineates theories of feminism and history of women's movements; evaluates the social construction and politics of gender; analyzes the intersection of gender with race, ethnicity, social class and sexual orientation; and identifies the issues of feminism in a global context. This course is not open to students currently enrolled or who have completed WS 101. (Formerly WS 101)

*Transfer Credit: CSU; UC***WGS 102****WOMEN AND RELIGION 3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

Recommendation: READ 54 or READ 97 with a grade of "C" or higher or "Pass" or completion of the Reading Placement Process with a score of "Reading Exempt."

This course is a multidisciplinary course that investigates women's religious lives. It will center around the writings of women's experiences within world religions. The course will include issues such as identity, women's religious leadership, language and liturgy, rituals performed by women, and sacred texts. Students will learn about world religions generally, and women's lives in these religions specifically. This course is not open to students currently enrolled in or who have completed WS 102. (Formerly WS 102)

Transfer Credit: CSU; UC

WGS 103**WOMEN, THEIR BODIES
AND HEALTH****3.0 UNITS**

Class hours: 3.0 Lecture

This course will examine contemporary women's health issues and body image concerns. General topics will include images of women, lifespan changes, mental health, eating disorders, prevention of abuse and self harm, social roles, sexual identity and sexuality, relationships, birth control and pregnancy. Current research on cardiovascular disease, cancer and other chronic conditions will be discussed as they pertain to women's issues. Students will develop the skills necessary to become wiser consumers of health and beauty-enhancing products. This course is not open to students currently enrolled in or who have completed HED 103 or WS 103. (Formerly WS103)

*Transfer Credit: CSU***WGS 104****COMMUNITY ORGANIZING
AND ACTIVISM****3.0 UNITS**

Class hours: 3.0 Lecture

Recommendation: WGS 101 with a grade of "C" or higher or "Pass" and completion of ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 or ENGL 100S.

This course is designed to encourage the relationship between students who are interested in working with feminist-based organizations and the local organizations that need assistance. This class will expose students to potential volunteer, internship, and job opportunities while helping them to build more impressive resumes and improve the lives of women. This course is not open to students currently enrolled in or who have completed WS 104. (Formerly WS 104)

*Transfer Credit: CSU***WGS 105****GENDER STUDIES AND
THE CHICANA/LATINA
EXPERIENCE****3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher, or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

Recommendation: READ 54 or READ 97 with a grade of "C" or higher or "Pass" or completion of the Reading Placement Process with a score of "Reading Exempt."

Gender Studies and the Chicana/Latina Experience is a multidisciplinary course that uses a feminist perspective to examine the Chicana/Latina experience in the US, Caribbean, and Latin America. It examines the essential components of gender and Chicana/Latina studies as an academic discipline; delineates theories of feminism and history of women's movements; evaluates the social construction and politics of the lives of Chicanas/Latinas; analyzes the intersection of gender with race, ethnicity, national origin, immigration status, social class, and sexuality; and identifies the issues of the Chicana/Latina experience in a global context. This course is not open to students currently enrolled in or who have completed WS 105. (Formerly WS 105)

*Transfer Credit: CSU; UC***WGS 107****MEN AND MASCULINITIES:
CONSTRUCTING MANHOOD
IN AMERICA****3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

Recommendation: READ 54 or READ 97 with a grade of "C" or higher or "Pass" or completion of the Reading assessment/placement process with a score of "Reading Exempt."

Men and Masculinities: Constructing Manhood in America is a multidisciplinary course that provides a foundation for interpreting aspects of gender in American society. It examines the essential components of Masculinities Studies as an academic discipline; delineates gender theories; evaluates the social construction and politics of gender, and gender-oriented social and political movements; analyzes the intersections of gender with race, ethnicity, social class, disability, sexual orientation, and sub-cultures; and identifies the issues of men and masculinities in a global context. This course is not open to students who are enrolled in HUM 107 or WS 107. (Formerly WS 107)

*Transfer Credit: CSU; UC***WGS 109****PHILOSOPHY OF THE BODY,
FEMINISM, AND GENDER****3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English assessment/placement process with eligibility for ENGL 100 or ENGL 100S.

Recommendation: READ 54 or READ 97 with a grade of "C" or higher or "Pass" or completion of the Reading assessment/placement process with a score of "Reading Exempt."

This course will examine philosophical scholarship on feminism, gender, and theory of the body in the areas of metaphysics, epistemology, ethics, and aesthetics. Questions about gender identity, the nature of the self and personal identity, friendship, the feminist conception of knowledge, feminism and philosophy of language, philosophy of religion, philosophy of science; misogynist patterns in philosophical texts, male responses to feminism, moral theories, and feminist questions about beauty and art will be examined in the course, while students are also engaged in understanding the fundamentals of philosophy. This course is not open to students who are currently enrolled in or who completed PHIL 109 and WS 109. (Formerly WS 109)

*Transfer Credit: CSU; UC***WGS 115****GENDER, COMMUNICATION,
AND THE DIGITAL
REVOLUTION****3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: Choose at least one of these courses with a grade of "C" or higher or "Pass" or an equivalent course: COMM 60, ENGL 72, ESL 152, READ 54, READ 97 or completion of the English or Reading placement/assessment process with eligibility for ENGL 100 or ENGL 100S.

This course considers digital technology as an active agent in gender creation, maintenance, change, and expression through communication. Explores communication competency in contemporary gendered relationships. Examines the multiple ways communication across media cultural, digitally mediated, and face-to-face contexts creates and perpetuates gender roles and expectations in society. Investigates a wide range of issues related to the contemporary representation of gender in society. Conceptualizes how digital technology offers

possibilities for new social relations and new definitions of the gendered self. This course is not open to students who are enrolled in COMM 115 or SPCH 115.

Transfer Credit: CSU, UC

**WGS 118
HISTORY OF WOMEN
IN VISUAL ARTS**

3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with a score eligible for ENGL 100 or ENGL 100S, and satisfactory completion of READ 54 or READ 97 or equivalent with a grade of "C" or higher or "Pass" or completion of the Reading Placement Process with a score of "Reading Exempt."

This course provides an introduction to the role of women in the visual arts as subjects, patrons, and artists. The course examines global case studies of female involvement in the visual arts from the medieval period through the present. Particular attention is paid to issues of female agency, historical gender roles, and female artists and patrons who shaped the discipline of Art History. This course is not open to students who are currently enrolled in or who have completed ART 118 or WS 118. (Formerly WS 118)

Transfer Credit: CSU, UC

**WGS 204
WOMEN IN
AMERICAN HISTORY**

3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

This lecture/discussion course will survey women's history in the United States from colonial times to the present. It will focus on defining the similarities and differences in historical experiences of women based on their social class, race, and ethnicity. Topics of concentration include the changing roles of women in the private and public spheres; an analysis of the agendas, strategies, and consequences of the women's movements; and the historical revolution of the definitions of feminism and social construction of gender. This course is not open to students who are currently enrolled in or have completed HIST 204 or WS 204. (Formerly WS 204)

Transfer Credit: CSU; UC

**WGS 205
THE ANTHROPOLOGY OF
SEXUALITY AND GENDER**

3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S, and satisfactory completion of READ 54 or READ 97 with a grade of "C" or higher, or "Pass" or completion of the Reading Placement Process with score of "Reading Exempt"

This course examines the cultural construction of human sexuality and gender in an anthropological framework. Biological and cultural bases for the multiple expressions of sexuality and gender found around the world are presented. Case studies include food foraging, horticultural, agricultural, industrial, and post-industrial societies. A central concern is the interaction between subsistence practices, cultural economies, and status in the construction of "normal" and "abnormal" sexualities and genders. This course is not open to students who are currently enrolled in or have completed ANTH 205 or WS 205. (Formerly WS 205)

Transfer Credit: CSU; UC

**WGS 206
WOMEN IN THE
GLOBAL ECONOMY**

3.0 UNITS

Class hours: 3.0 Lecture

Recommendation: ENGL 100 or ENGL 100S or equivalent with a grade of "C" or higher or "Pass."

This course is an introduction to the global economy from the perspectives of women in the Third World. Drawing from various disciplinary fields such as economics, history, political science, anthropology and postcolonial studies, it examines critically the processes of globalization that impact the multiple identities and oppressions which shape women's lives with respect to race, gender, class, and culture. This course studies the consequences of strategies of modernization and neocolonialism employed by institutions of economic development such as the World Bank and International Monetary Funds on the lives of women in the developing countries. This course is included as part of the Women's Studies program at Cerritos College. This course is not open to students who are currently enrolled in or have completed WS 206 or ECON 102. (Formerly WS 206)

Transfer Credit: CSU; UC

**WGS 207
WOMEN AND MEDIA**

3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

Recommendation: READ or READ 97 with a grade of "C" or higher or "Pass" or completion of the Reading Placement Process with a score of "Reading Exempt"

Women and Media explores and analyzes the various portrayals of female representation (historical and contemporary) in media, which may include film, television, music video, video games, commercials, and new media; and uses feminist, gender, and queer theory, criticism, and history to understand how popular culture shapes identity and representation of the female gender in accordance to its socio-historical, political, and economic contexts, as well as values and cultural norms. The intersection of race, social class, ethnicity, religion, disability, sub-cultures, and sexual orientation will be analyzed, along with social and political movements that inform and assist the construction of these images in a global context. This course is not open to students who are currently enrolled in or who have completed ART 207 or WS 207. (Formerly WS 207)

Transfer Credit: CSU; UC

**WGS 209
GENDER AND SCIENCE**

3.0 UNITS

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

Recommendation: WGS 101 with a grade of "C" or higher

This course will examine the historical exclusion of women from science, while stressing that science has not been unique in its failure to welcome women as participants. It will address how gender threads through all of society, including sciences commonly understood as free from biases. The course will explore how gender is a central dimension of social structures, authority, cognitive practices, and knowledge claims of science. It will also inquire how scientific institutions, authority, ideals, practices, and knowledge play a critical role in the maintenance of sex and gender norms. This course will also encourage students to reflect on their

own gendered experiences and expectations in encountering science as consumers, professionals, and patients.
Transfer Credit: CSU, UC

WGS 250
**FOUNDATIONS OF FEMINIST,
GENDER, AND
QUEER THEORIES** **3.0 UNITS**

Class hours: 3.0 Lecture

Prerequisite: ENGL 52 ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English Placement Process with eligibility for ENGL 100 or ENGL 100S.

Recommendation: WGS 101 with a grade of "C" or higher or "Pass."

Foundations of feminist, gender, and queer theories is an interdisciplinary course that surveys critical work in the areas of feminist and queer theories. Emphasis will be on intersections of gender, race, nationality, age, sexuality, language, and subcultures; questioning how gender and sexuality are constructed and defined; and exploring the role of institutions in enforcing gender and sexual norms.

Transfer Credit: CSU, UC

**WOODWORKING MANUFACTURING
TECHNOLOGY**

(Technology Division)

WMT 183
**SKETCHUP FOR
WOODWORKERS** **3.0 UNITS**

Class hours: 3 Lecture/1.0 Laboratory

Prerequisite: WMT 100 or WMT 101 or WMT 151 or equivalent with a grade of "C" or higher or "Pass."

Recommendation: Students should have basic knowledge of computers and file management

This course introduces the student to SketchUp design software and its use in designing furniture and cabinet projects. Topics include software operations, modeling, model revision, presentation graphics, and drawing creation.

Transfer Credit: CSU

ZOOLOGY

(Science, Engineering, and Math Division)

ZOOL 120
**INTRODUCTION TO
ANIMAL BIOLOGY** **4.0 UNITS**

Class hours: 2.0 Lecture/6.0 Laboratory

Prerequisite: ENGL 52 or ENGL 72 or ESL 152 or equivalent with a grade of "C" or higher or "Pass" or completion of the English placement process with a score eligible for ENGL 100 or ENGL 100S.

This is a survey course in animal biology. Included are a taxonomic review of major invertebrate and vertebrate groups, animal adaptations and behavior, basic anatomy and physiology (with emphasis on vertebrates), cell biology, reproduction and development, genetics, ecology, and evolution. Laboratory dissection is used to illustrate these principles. This is designed as an entry level course for both majors and non-majors in biology.

Transfer Credit: CSU; UC

ADULT EDUCATION (NONCREDIT)

(Adult Education and Diversity Programs)

AED 90.05
OSHA-10 TRAINING **0.0 UNIT**

Class hours: 10.0 Lecture/6.0 Laboratory

This course is designed to deliver OSHA standards to individuals in various professions. It will introduce topics that OSHA prescribes for a 10-hour course. Students completing this course will earn an OSHA 10 certificate. This is an introductory course which requires little or no regulations/industry experience.

AED 90.06
MATH SUPPORT: STATISTICS **0.0 UNIT**

Class hours: 2.5 Lecture/2.5 Laboratory

This course is a math support course. The concepts of this course will help students build skills and understanding in topics related to the introduction of descriptive and inferential statistics. Students will receive support in understanding mean, standard deviation, variance, probability, random variables, central limit theorem, hypothesis testing, confidence intervals, t-distribution, chi-square distribution, F-distribution, linear regression, and linear correlation. Students will gain conceptual knowledge and use analytical thinking to solve problems. The combination lecture/lab format will provide a foundation for introductory statistics. This course is open entry/open exit.

AED 90.07
**MATH SUPPORT:
COLLEGE ALGEBRA** **0.0 UNIT**

Class hours: 2.0 Lecture/3 Laboratory

This course is a math support course. Students will build pre-college level math skills to prepare for college algebra. Students will gain conceptual knowledge and use analytical thinking to solve problems. The combination lecture/lab format will provide a foundation for college algebra. This course is open entry/open exit.