

Fresno City College

2015-2016

Catalog Addendum

March 2016

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TRANSFER REQUIREMENTS

Changes to Pages 35-50

Course Identification Numbering Systems (C-ID)

The Course Identification Numbering Systems (C-ID) is a statewide numbering system independent from the course numbers assigned by local California colleges. A C-ID number next to a course signals that participating California colleges and universities have determined that courses offered by other California community colleges are comparable in content and scope to courses offered on their own campuses, regardless of their unique titles or local course number. Thus, if a schedule of classes or catalog lists a course bearing a C-ID number, for example COMM 110, students at that college can be assured that it will be accepted in lieu of a course bearing the C-ID COMM 110 designation at another community college. In other words, the C-ID designation can be used to identify comparable courses at different community colleges. However, students should always go to www.assist.org to confirm how each college's course will be accepted at a particular four-year college or university for transfer credit.

The C-ID numbering system is useful for students attending more than one community college and is applied to many of the transferable courses students need as preparation for transfer. Because these course requirements may change and because courses may change and because courses may be modified and qualified for or deleted from the C-ID database, students should always check with a counselor to determine how C-ID designated courses fit into their educational plans for transfer.

Students may consult with the ASSIST database at www.assist.org for specific information on C-ID course designations. Counselors can always help students interpret or explain this information.

C-ID Number	Fresno City College Course
ANTH 110	Anthropology 1, Biological Anthropology
ANTH 130	Anthropology 8, Language and Culture
ARTH 100	Art 2, Art Appreciation
ARTH 120	Art 6 or 6H, Art History 2
ARTH 130	Art 55, Introduction to Asian Art
ARTH 145	Chicano-Latino Studies 22, Art of the Ancient Americas
ARTS 100	Art 3, Two-Dimensional Art
ARTS 110	Art 7, Beginning Drawing
ARTS 200	Art 8, Beginning Figure Drawing and Anatomy
ARTS 205	Art 17, Intermediate Drawing
ARTS 210	Art 9, Beginning Painting: Oil/Acrylic
BIOL 110B	Biology 20, Human Biology
BIOL 120B	Biology 22, Human Physiology
BIOL 190	Biology 11AH, Honors Biology for Science Majors I
CHEM 102	Chemistry 3B, Introductory Organic & Biological Chemistry
HIST 150	History 20, World History I, to 1600
HIST 160	History 23, World History II, since 1500
HIST 180	History 2 or 2H, Western Civilization since 1648
MATH 130	Mathematics 21, Finite Mathematics
MATH 851	Mathematics 4A, Trigonometry
MUS 160	Music 22, Intermediate/Advanced Piano
MUS 160	Music 29, Intermediate/Advanced Guitar
MUS 160	Music 42B, Intermediate/Advanced Woodwinds (Woodwind Choir)
MUS 160	Music 42C, Intermediate/Advanced Strings (String Orchestra)
MUS 160	Music 42D, Intermediate/Advanced Percussion (Percussion Ensemble)
MUS 160	Music 73B, Intermediate/Advanced Chamber Ensemble (Woodwinds)
MUS 160	Music 73C, Intermediate/Advanced Chamber Ensemble (Strings)
MUS 160	Music 73D, Intermediate/Advanced Chamber Ensemble (Percussion)
MUS 160	Music 74A, Intermediate/Advanced Brass Performance Practices
MUS 160	Music 74B, Intermediate/Advanced Woodwind Performance Practices
MUS 160	Music 74C, Intermediate/Advanced String Performance Practices
MUS 160	Music 74D, Intermediate/Advanced Percussion Performance Practices
MUS 180	Music 34, Fresno Chorale
NUTR 110	Food and Nutrition 40, Nutrition
NUTR 120	Food and Nutrition 1, Principles of Food Preparation
POLS 140	Political Science 24, International Relations

California State University Transfer Course List (CSU)***Change: new***

Dance 28B

Geography 12

Geography 18

Linguistics 10H

*effective Spring 2016**effective Spring 2016**effective Spring 2016**effective Spring 2016****Change: delete***

Fire Technology 13

Human Services 35

Psychology 15

*effective Spring 2016**effective Spring 2016**effective Spring 2016***University of California Transfer Course List (UC)*****Change: New***

American Studies 11

Anthropology 1L

Architecture 15A

Architecture 15B

Music 73A

Music 73B

Music 73C

Music 73D

Music 74A

Music 74B

Music 74C

Music 74D

Spanish 2NS

Spanish 17

*effective Fall 2015**effective Fall 2015*

ASSOCIATE DEGREE AND CERTIFICATE PROGRAMS

Changes to Pages 96-216

CHEMISTRY

CHEMISTRY – MAJOR #6320

new program, Spring 2016

Chemistry is often called the "central science" since it draws from mathematics and physics and forms a necessary background for quality control programs in industry and agriculture, and criminal evidence analysis in forensics. To earn the Certificate in Chemistry, students must complete a minimum of 47-53 required semester units of program required classes. Students must maintain a minimum 2.0 GPA, including grades of B or higher in General Chemistry and a C or higher in the other courses taken to fulfill the certificate. This is not a transfer degree program. Students should consult with a counselor when planning to complete the certificate for more information. After earning a chemistry certificate, students will have the knowledge and skills required to enter the workforce as a chemical technician. These will include laboratory skills, computational skills, and communication skills. There are currently no other similar programs within the State Center Community College District. There are not any enrollment limitations. The prerequisite courses vary for each individual class. For the first semester, these include MATH 103, and eligibility for CHEM 1A and ENGL 1A

Certificate of Achievement

Student Learning Outcomes:

- As a result of the program, students will demonstrate laboratory skills to be successful in subsequent courses and/or on the job.
- As a result of the program, students will master concept and content to be successful in subsequent courses and/or on the job.
- As a result of the program, students will master computational skills to be successful in subsequent courses and/or on the job.
- As a result of the program, students will effectively communicate the results of chemistry laboratory investigations.

Required Courses

First Semester		Units
CHEM 1A	General Chemistry	5
ENGL 1A	Reading and Composition	4
MATH 11	Elementary Statistics.....	4
Second Semester		Units
CHEM 1B	General Chemistry and Qualitative Analysis	5
COMM 2	Interpersonal Communication, or	
BA 5	Workplace Communication	3
PHYS 2A	General Physics	4
Third Semester		Units
CHEM 8A	Elementary Organic Chemistry	3
CHEM 18L	Elementary Organic Chemistry Lab.....	2
GEOL 4	Geology of California, or	
BIOL 7	Field Biology.....	3-5
PHYS 2B	General Physics	4
Fourth Semester		Units
BA 18	Business and the Legal Environment, or	
CRIM 3	Legal Aspects of Evidence	3-4
CHEM 100I	Chemical Laboratory Internship	2-6
CHEM 20	Practical Quantitative Analysis	5
		Total 47-54

CRIMINOLOGY

CRIMINOLOGY OPTION – MAJOR #7700

revised program, Spring 2016

A program designed for upper division work in law enforcement, corrections, or victimology.

Associate in Science Degree

FORENSIC EVIDENCE OPTION – MAJOR #7732

revised program, Spring 2016

Forensic Evidence—designed to provide specialized education for those students desiring a career as crime scene investigators, evidence technicians, or forensic evidence technicians. This degree is also designed to provide those students who are pursuing careers in law enforcement the opportunity to broaden their knowledge and appreciation for the value that forensic evidence plays in the role of solving crime. This degree will also serve as a primer for those students who wish to pursue a higher level of education in forensics at the university level. This Forensic Evidence Degree program has been approved by the International Association for Identification (IAI)

Associate in Science Degree

Student Learning Outcomes:

1. Make an assessment of a crime scene and organize a systematic search for evidence.
2. Collect and process evidence, including analysis and comparison of evidence.
3. Reconstruct a crime scene and prepare evidence for presentation in a judicial proceeding.

Required Core Courses

	Units
ANTHRO 1 Biological Anthropology	3
BIOL 3/3H Introduction to Life Science, or Honors Introduction to Life Science, or BIOL 11A/11AH Biology for Science Majors I, or Honors Biology for Science Majors I	3.5-5
CADD 14 2D CAD I	3
CHEM 3A Introductory General Chemistry	4
CRIM 1 Introduction to Criminology	3
CRIM 3 Legal Aspects of Evidence	3
CRIM 8 Criminal Investigation	4
CRIM 9 Crime Scene Forensic Evidence	3
CRIM 12 Criminal Justice Communications	3
PHOTO 5 Introduction to Photography	3
	Total 32.5-34

Course Options: Select 6 Units

	Units
CRIM 18 Criminal Personalities	3
PSY 2/2H General Psychology, or Honors General Psychology	3
PSY 16 Abnormal Psychology	3

FIRE TECHNOLOGY

BASIC FIRE ACADEMY– Major #883B

revised program, Spring 2016

The Basic Fire Academy program offers curriculum to prepare students with the knowledge and skills necessary to become a State of California Certified Firefighter 1. Employment opportunities are found in various branches of government and the private sector. The academy is offered in two different formats; an intensive 40 hours per week program or an extended 24 hours per week night program

Certificate of Achievement

Program Requirements

- A. Be 18 years of age or have a high school diploma or G.E.D.
- B. Applicant with prior college work must be on good academic and progress standing on all college work attempted.
- C. Have successfully completed minimum of Public Safety First Aid and CPR (CA Health and Safety Code 1797.182).
- D. Possess a valid California driver's license.
- E. Provide proof of a clear physical examination including an electrocardiogram printout (EKG).
- F. Contact the Fire Academy Coordinator.

FIRE TECHNOLOGY– Major #883A

revised program, Spring 2016

This program is designed to provide the student with updated skills and knowledge necessary to complete and successfully apply for fire service careers. The curriculum serves as an in-service program as well as a pre-employment program for students seeking employment or advancement in the profession of fire fighting and fire technology.

Associate in Science Degree

Student Learning Outcomes:

1. Given a typical type of fire department, describe the organizational structure and all of the staff functions within it.
2. Given a specific function of the fire service, describe the purpose of a paid and volunteer firefighter.

Required Core Courses

	Units
AT 10 Technical Computer Applications.....	3
AT 120 Industrial Science.....	3
FIRET 1 Fire Protection Organization.....	3
FIRET 2 Fire Prevention Technology.....	3
FIRET 3 Fire Protection Equipment and Systems.....	3
FIRET 4 Building Construction for Fire Protection.....	3
FIRET 5 Fire Behavior and Combustion.....	3
FIRET 14 Principles of Fire & Emergency Services Safety & Survival.....	3
MATH 103 Intermediate Algebra.....	5
	Total 29

Course Options: Select 12 Units

	Units
FIRET 8 Fire Hydraulics.....	3
FIRET 9 Fire Fighting Practices.....	3
*FIRET 130A Basic Fire Academy – Part 1.....	6
FIRET 131 Emergency Medical Technician 1.....	10
**FIRET 135 Emergency Medical Technician-Paramedic - Field Internship..	9

Suggested sequence of courses:

FIRST YEAR

First Semester

	Units
AT 120 Industrial Science.....	3
MATH 103 Intermediate Algebra.....	5
	Total 8

Second Semester

	Units
FIRET 1 Fire Protection Organization.....	3
FIRET 2 Fire Prevention Technology.....	3
FIRET 5 Fire Behavior and Combustion.....	3
Options.....	6
	Total 15

SECOND YEAR

First Semester

	Units
AT 10 Technical Computer Applications.....	3
FIRET 14 Principles of Fire & Emergency Services Safety & Survival.....	3
	Total 6

Second Semester

	Units
FIRET 3 Fire Protection Equipment and Systems.....	3
FIRET 4 Building Construction for Fire Protection.....	3
Options.....	6
	Total 15

* FIRET 130A carries a value of up to 13 units; however, only 6 units can be applied to the associate in science degree.

** FIRET 135 is the final course of three courses required to successfully complete the Paramedic program.

It is recommended that students establish eligibility for English 125 and 126 or English for Multi-Lingual Students 67 and 68.

Note: The associate degree additionally requires completion of the requirements listed in the Graduation Requirements section of this catalog.

FIRE TECHNOLOGY– Major #883A

revised program, Spring 2016

This program is designed to provide the student with updated skills and knowledge necessary to complete and successfully apply for fire service careers. The curriculum serves as an in-service program as well as a pre-employment program for students seeking employment or advancement in the profession of fire fighting and fire technology.

Associate in Science Degree

Student Learning Outcomes:

1. Given a typical type of fire department, describe the organizational structure and all of the staff functions within it.
2. Given a specific function of the fire service, describe the purpose of a paid and volunteer firefighter.

Required Core Courses		Units
AT 10	Technical Computer Applications.....	3
AT 120	Industrial Science.....	3
AT 130	Industrial Mathematics	3
FIRET 1	Fire Protection Organization.....	3
FIRET 2	Fire Prevention Technology	3
FIRET 3	Fire Protection Equipment and Systems	3
FIRET 4	Building Construction for Fire Protection	3
FIRET 5	Fire Behavior and Combustion.....	3
FIRET 14	Principles of Fire & Emergency Services Safety & Survival	3
		Total 27

Course Options: Select 12 Units		Units
FIRET 8	Fire Hydraulics	3
FIRET 9	Fire Fighting Practices.....	3
*FIRET 130A	Basic Fire Academy – Part 1.....	6
FIRET 131	Emergency Medical Technician 1.....	10
**FIRET 135	Emergency Medical Technician-Paramedic - Field Internship..	9

Suggested sequence of courses:

FIRST YEAR

First Semester		Units
AT 120	Industrial Science.....	3
MATH 103	Intermediate Algebra.....	5
		Total 8

Second Semester		Units
FIRET 1	Fire Protection Organization.....	3
FIRET 2	Fire Prevention Technology	3
FIRET 5	Fire Behavior and Combustion.....	3
Options	6
		Total 15

SECOND YEAR

First Semester		Units
AT 10	Technical Computer Applications.....	3
FIRET 14	Principles of Fire & Emergency Services Safety & Survival	3
		Total 6

Second Semester		Units
FIRET 3	Fire Protection Equipment and Systems	3
FIRET 4	Building Construction for Fire Protection	3
Options	6
		Total 15

* FIRET 130A carries a value of up to 13 units; however, only 6 units can be applied to the associate in science degree.

** FIRET 135 is the final course of three courses required to successfully complete the Paramedic program.

It is recommended that students establish eligibility for English 125 and 126 or English for Multi-Lingual Students 67 and 68.

Note: The certificate of achievement requires completion of the major (27 units) and 12 units of recommended course options with a GPA of 2.0 or better.

PREHOSPITAL PARAMEDIC CARE– Major #8845

program revised, Spring 2016

Designed to prepare personnel in the fire, life safety and related fields to render advanced emergency medical care to the ill and injured in the pre-hospital environment, in accordance with all federal, state and local emergency medical services authorities.

Certificate of Achievement

Student Learning Outcome:

1. Be eligible to take the National Registered Emergency Medical Technician (NREMT)/California State licensure examination necessary to become a licensed paramedic.

HUMAN SERVICES

ALCOHOLISM AND DRUG ABUSE COUNSELING OPTION – Major #7951

program revised, Spring 2016

This certificate is designed for students interested in working in the field of chemical dependency. Completion of the total certificate of achievement will broaden a candidate’s understanding and assist in preparation needed to enter the field.

This certificate is accredited by the California Association for Alcohol/Drug Educators (CAADE) and recognized by the other eight certifying

The Alcoholism and Drug Abuse Counseling Certificate program offers course work leading to a certificate of achievement.

Certificate of Achievement

Student Learning Outcome:

1. Upon completion, the student will be eligible to take the State of California approved test to become an Alcohol and Other Drug Counselor.
2. Students will take and successfully complete the State of California approved written exam from one of the 9 certifying organizations.

ALCOHOLISM AND DRUG ABUSE COUNSELING OPTION – Major #7951

program deleted, Spring 2016

Certificate

PRE-SOCIAL WORK OPTION – Major #7633

revised program, Spring 2016

This degree is designed to prepare students for entry-level employment in a social service setting or to transfer as a junior to a baccalaureate degree program in Social Work. This degree is for the person who has a strong desire to help people who traditionally have been underrepresented within the larger society and require interventions and assistance in increasing control of their personal destinies. These introductory courses will give the student a good fundamental working knowledge of the social services system.

The program offers course work leading to a certificate of achievement and an associate in science degree in Human Services: Pre-Social Work. Students must take the required courses listed in the Core (see below), and select 12 units from the list of options.

Associate in Science Degree

Student Learning Outcome:

1. Demonstrate a fundamental working knowledge of the social services system.
2. Be prepared for entry-level employment in a social service setting.
3. Understand who are the underrepresented within our society and what might be appropriate interventions to assist them.
4. Apply the multiple perspectives of a broad Liberal Arts foundation to their analysis of social problems.

Required Core Courses

Units

CIT 12	Computer Literacy	3
HS/SOC 10	Introduction to Aging Studies	3
HS 19A	Work Experience (Cooperative), Occupational	3
HS 20	Introduction to Social Welfare	3
HS 24	Fundamentals of Interviewing and Counseling.....	3
HS 30	Group and Community Social Services.....	3
	Total 18	

Course Options: Select 12 Units

Units

AFRAM 1	Introduction to African American Studies	3
AFRAM 2	Cultural Adaptation of the African-American	3
AMIND 31	American Indian Culture.....	3
AMIND 34	The American Indian in Contemporary Society	3
AMST 10	American Pluralism: A Search for Common Ground in a Multicultural Society.....	3

ANTHRO 2/2H Cultural Anthropology, or

	Honors Cultural Anthropology	3
ASAMER 25	Asian-Americans Social Issues	3
ASL 1	Beginning American Sign Language	4
CHDEV 5	Parent Education.....	3
CHDEV 30	Child, Family and Community, <i>or</i>	
SOC 31	Child in Society: A Social Problems Approach.....	3
CHDEV/PSY 38	Lifespan Development.....	3
CHDEV/PSY39	Child Growth and Development	3
CLS 11	Introduction to Chicano-Latino Studies.....	3
CLS 13	Politics and the Chicano-Latino Community.....	3
COMM 1	Introduction to Public Speaking, <i>or</i>	
COMM 4	Persuasion, <i>or</i>	
COMM 8	Group Communication	3
COMM 25	Argumentation, <i>or</i>	
PHIL 6	Symbolic Logic	3
ECON 25	Introduction to Economics, <i>or</i>	
ECON 40/40H	Introduction to Microeconomics, <i>or</i>	
	Honors Introduction to Microeconomics, <i>or</i>	
ECON 50/50H	Introduction to Macroeconomics, <i>or</i>	
	Honors Introduction to Macroeconomics.....	3
FN 35	Nutrition and Health, <i>or</i>	
FN/WSTS 43	Women’s Nutrition	2-3
HMONG 1	Beginning Hmong.....	5
HS/WSTS 25	Assertiveness Training.....	2
HS 44	Drug Use: Physical and Psychological Effects.....	3
PHIL 1A	Theories of Knowledge and Reality, <i>or</i>	
PHIL 1C	Ethics	3
SOC 1A/1AH	Introduction to Sociology, <i>or</i>	
	Honors Introduction to Sociology	3
SOC/WSTS 5	Sociology of Rape	3
SOC/WSTS 7	Domestic Violence: Abuse within the Family.....	3
SOC 32	Introduction to Marriage and Family.....	3
SPAN 1	Beginning Spanish	5
WSTS 10	Changing Roles of Women	3

Note: An associate in science degree will be awarded on the successful completion of 60 units. See page 32 for associate degree requirements. General education requirements for transfer certification are on page 40.

For career options, consult with Human Services staff.

PRE-SOCIAL WORK OPTION – Major #7633

revised program, Spring 2016

This degree is designed to prepare students for entry-level employment in a social service setting or with additional general education courses, to transfer as a junior to a baccalaureate degree program in Social Work. This degree is for the person who has a strong desire to help people who traditionally have been underrepresented within the larger society and require interventions and assistance in increasing control of their personal destinies. These introductory courses will give the student a good fundamental working knowledge of the social services system.

The program offers course work leading to a certificate of achievement and an associate in science degree in Human Services: Pre-Social Work. Students must take the required courses listed in the Core (see below), and select 12 units from the list of options.

Associate in Science Degree

Student Learning Outcome:

1. Demonstrate a fundamental working knowledge of the social services system.
2. Be prepared for entry-level employment in a social service setting.
3. Understand who are the underrepresented within our society and what might be appropriate interventions to assist them.
4. Apply the multiple perspectives of a broad Liberal Arts foundation to their analysis of social problems.

Required Core Courses

Units

CIT 12	Computer Literacy.....	3
HS/SOC 10	Introduction to Aging Studies	3
HS 19A	Work Experience (Cooperative), Occupational	3
HS 20	Introduction to Social Welfare	3
HS 24	Fundamentals of Interviewing and Counseling.....	3
HS 30	Group and Community Social Services.....	3

Total 18

Course Options: Select 12 Units	Units
AFRAM 1 Introduction to African American Studies	3
AFRAM 2 Cultural Adaptation of the African-American	3
AMIND 31 American Indian Culture.....	3
AMIND 34 The American Indian in Contemporary Society	3
AMST 10 American Pluralism: A Search for Common Ground in a Multicultural Society.....	3
ANTHRO 2/2H Cultural Anthropology, <i>or</i> Honors Cultural Anthropology	3
ASAMER 25 Asian-Americans Social Issues	3
ASL 1 Beginning American Sign Language	4
CHDEV 5 Parent Education.....	3
CHDEV 30 Child, Family and Community, <i>or</i> SOC 31 Child in Society: A Social Problems Approach	3
CHDEV/PSY 38 Lifespan Development.....	3
CHDEV/PSY39 Child Growth and Development	3
CLS 11 Introduction to Chicano-Latino Studies.....	3
CLS 13 Politics and the Chicano-Latino Community.....	3
COMM 1 Introduction to Public Speaking, <i>or</i> COMM 4 Persuasion, <i>or</i> COMM 8 Group Communication	3
COMM 25 Argumentation, <i>or</i> PHIL 6 Symbolic Logic	3
ECON 25 Introduction to Economics, <i>or</i> ECON 40/40H Introduction to Microeconomics, <i>or</i> Honors Introduction to Microeconomics, <i>or</i> ECON 50/50H Introduction to Macroeconomics, <i>or</i> Honors Introduction to Macroeconomics	3
FN 35 Nutrition and Health, <i>or</i> FN/WSTS 43 Women's Nutrition	2-3
HMONG 1 Beginning Hmong.....	5
HS/WSTS 25 Assertiveness Training.....	2
HS 44 Drug Use: Physical and Psychological Effects	3
PHIL 1A Theories of Knowledge and Reality, <i>or</i> PHIL 1C Ethics	3
SOC 1A/1AH Introduction to Sociology, <i>or</i> Honors Introduction to Sociology	3
SOC/WSTS 5 Sociology of Rape	3
SOC/WSTS 7 Domestic Violence: Abuse Within the Family	3
SOC 32 Introduction to Marriage and Family	3
SPAN 1 Beginning Spanish	5
WSTS 10 Changing Roles of Women	3

Note: An associate in science degree will be awarded on the successful completion of 60 units. See page 32 for associate degree requirements. General education requirements for transfer certification are on page 40.

For career options, consult with Human Services staff.

LIBERAL ARTS

LIBERAL ARTS DEGREE WITH AN EMPHASIS IN SPANISH – MAJOR #5183

revised program, Spring 2016

This program is designed to acquaint students with the Spanish language and with an understanding of the culture and history of the people who speak it. The study of foreign languages encourages students to examine assumptions they have uncritically accepted before their college experience. Students with substantial foreign language fluency who combine their language skills with a solid foundation in liberal education will find fulfilling occupations. It will also encourage them to appreciate the complexities of the multicultural society in which they live. Students will acquire the necessary language skills to succeed in everyday life experiences, vocational programs, and university transfer courses.

Associate in Arts Degree

Student Learning Outcomes:

1. Students will demonstrate listening, speaking, reading, and writing skills at the intermediate-advanced level of the target language consistent with national standards for foreign language education.
2. Students will show evidence of the acquisition and application of grammatical structures when using language.
3. Students will demonstrate skills necessary to analyze and compare and contrast cultures and practices of the target language with their own culture.
4. Students will demonstrate familiarity with technologies allowing them to access sources in the following areas: current news from the target country, bibliographical and other sources related to coursework, contemporary culture sources, and interactive communication sites.

Select 15 units from the following courses:

Non-native speakers		Units
SPAN 2	High-Beginning Spanish.....	5
SPAN 3	Intermediate Spanish	5
SPAN 4	High-Intermediate Spanish.....	5

OR

Native speakers		Units
SPAN 2NS	Preparatory Spanish for Native Speakers	5
SPAN 3NS	Intermediate Spanish for Spanish Speakers	5
SPAN 4NS	High-Intermediate Spanish for Spanish Speakers.....	5

Select 8 units form the following:

		Units
SPAN 5	The Short Story: Mexico, Spain, and the U.S.....	4
SPAN 6	The Short Story: Latin America	4
SPAN 7	Advanced Spanish: Composition and Grammar	4
SPAN 8	Advanced Spanish Conversation	4
SPAN 9	Spanish Business and Culture	4

Total 23

MARKETING

MARKETING, RETAIL MANGAGEMENT – MAJOR #2055

revised program, Spring 2016

The program prepares current and future retail employees for the fast paced, ever changing challenges in a competitive retail environment. The program is designed to meet the needs of the retail industry and is endorsed by leading retailers across the nation, including partner companies of the Western Association of Food Chains.

Associate in Science Degree and Certificate of Achievement

Student Learning Outcomes:

1. Analyze a current marketing situation to identify retail opportunities.
2. Demonstrate effective leadership skills while managing retail functions within a business enterprise.
3. Describe and identify appropriate application of finance and budgeting activities related to retail management.
4. Identify and describe the types of retailers and appropriate distribution methods for each type of retail situation.
5. Display soft skills required in a retail environmental including customer service, teambuilding, time management, conflict management, communication, and professional behavior.

First Semester		Units
BA/BT 5	Workplace Communication	3
BA 33	Human Relations in the Workplace	3
BA 43	Principles of Management.....	3
CIT 15	Computer Concepts	3

Second Semester		Units
BA 31	Human Resource Management	3
BT 131	Applied Accounting	3
ACCTG 4A	Financial Accounting, or.....	4
MKTG 10	Principles of Marketing.....	3
MKTG 14	Retailing.....	3

MEDICAL ASSISTANT - CLINICIAN

MEDICAL ASSISTANT - CLINICIAN – MAJOR #2121

new program, Spring 2016

This curriculum is designed for the student who desires employment and advancement in the medical facility assisting the physician with the diagnosis and treatment of the patient. Medical Assisting is an entry level career in the medical field.

ADMISSION POLICY

Enrollment is limited in the Medical Assistant–Clinician Program. There are no restrictions as to age, race, sex or marital status. In order to qualify for admission to the program, the applicant must have met all of the following conditions:

1. Graduated from high school or complete the General Educational Development (GED) test with an average score of 45.
2. Completed Math 260D or test score that would qualify the student to place out of or above Math 260D.
3. Completed an Academic Summary Form for the Medical Assistant–Clinician Program and be prepared to furnish transcripts when requested.
4. Have no physical impairment that would preclude the performance of all Medical Assistant-Clinician duties. After selection as a qualified student to the Medical Assistant–Clinician Program, the student must submit evidence of physical examination by a licensed physician.

5. Students are enrolled into the program in cohorts per semester.

Certificate of Achievement

Student Learning Outcomes:

1. Identify common medical conditions and diseases.
2. Perform clinical skills commonly associated in the physician’s office.

Required Courses	Units
MA 1 Legal and Ethical Concepts.....	2
MA 2 Pharmacology	3
MA 4 Office Laboratory Procedures	3
MA 5 Diagnostic & Therapeutic Procedures.....	3
MA 6A Clinical Training	3
MA 6B Advanced Training	3
MA 19 Work Experience (Cooperative), Occupational	3

Upon entry into the program, students are required to obtain a background check (limitations in completing MA 19 work experience if student does not “pass” background check).

PHOTOGRAPHY

PROFESSIONAL PHOTOGRAPHY - FORMERLY PHOTOGRAPHY– MAJOR #5221 *revised program, Spring 2016*

Students in this curriculum are trained in the major areas of professional photography. Positions for which graduates may qualify, depending upon their interest, abilities, and achievement, include those in the portrait, commercial, editorial, digital, laboratory, and retail fields. Some equipment and supplies provided.

Certificate of Achievement

Student Learning Outcome:

1. Utilize and demonstrate competency in photography in both digital and film based formats.

FIRST YEAR

First Semester	Units
PHOTO 5 Introduction to Photography	3
PHOTO 12 Photoshop 1: Photoshop for Photographers	3
PHOTO 15 Photography and Visual Literacy.....	3
	Total 9

Second Semester	Units
PHOTO 18 Digital Black and White Photography	3
PHOTO 23 Photoshop 2: Digital Darkroom	3
PHOTO 26 Lighting Principles	3
	Total 9

SECOND YEAR

First Semester	Units
PHOTO 30 Editorial Photography.....	3
PHOTO 32 Commercial Portraiture	3
Recommended Elective from Below	3
	Total 9

Second Semester	Units
PHOTO 40 Professional Photographic Practices.....	3
PHOTO 45 Advanced Projects	3
Recommended Elective from Below	3
	Total 9

Recommended Photography Electives:	Units
PHOTO 6 Digital Imaging Fundamentals.....	3
PHOTO 17 Classic Black and White Photography.....	3
PHOTO 27 Alternative Photographic Processes.....	3
PHOTO 37 Editorial Portraiture.....	3
PHOTO 47 Book/Video Publishing	3
PHOTO 57 Applied Color and Alternative Photographic Media	3

COMMERCIAL PHOTOGRAPHY - MAJOR #5222

revised program, Spring 2016

Students taking these courses will develop skills in creating photographs for commercial clients from small and large scale studio and location situations. Students will learn appropriate workflow and processes to compete in the commercial marketplace.

Certificate of Achievement

Student Learning Outcomes:

1. Demonstrate skills necessary to set up and use an electronic still photography studio work station.
2. Utilize skills in picture selection, placement and cropping with emphasis on impact and marketability.

Required Courses	Units
PHOTO 23 Photoshop 2: Digital Darkroom	3
PHOTO 26 Lighting Principles	3
PHOTO 32 Commercial Portraiture	3
PHOTO 40 Professional Photography Practices	3
PHOTO 57 Applied Color and Alternative Photographic Media	3
	Total 15

DIGITAL PHOTOGRAPHY - MAJOR #5223

revised program, Spring 2016

Students taking these courses will learn the various methods and processes of digital photography emphasizing quality on all levels. From digital capture to high end output printing, students will learn control of a variety of digital systems.

Certificate of Achievement

Student Learning Outcomes:

1. Use Photoshop to selectively adjust, tone, color and manage color throughout a workflow process.
2. Organize and manage effective color management of images from input to output on high end digital printing devices.

Required Courses	Units
PHOTO 23 Photoshop 2: Digital Darkroom	3
PHOTO 40 Professional Photography Practices	3
PHOTO 47 Book/Video Publishing	3
PHOTO 57 Applied Color and Alternative Photographic Media	3
	Total 15

FINE ART PHOTOGRAPHY - MAJOR #5224

revised program, Spring 2016

Students taking these courses will concentrate on the fine art of photography exploring various methods and processes with historical techniques as well as new forms. Both film and digital technologies are used to develop the creative process and personal expression.

Certificate of Achievement

Student Learning Outcomes:

1. Produce quality black and white and color photographs using various cameras and film and digital formats.
2. Utilize photography as a visual communication tool.

Required Courses	Units
PHOTO 15 Photography and Visual Literacy	3
PHOTO 18 Digital Black and White Photography	3
PHOTO 23 Photoshop 2: Digital Darkroom	3
PHOTO 27 Alternative Photographic Processes.....	3
	Total 15

PHOTOJOURNALISM – MAJOR #5225

revised program, Spring 2016

Students in these classes will learn the art of storytelling through images and the power in conveying another person’s story through their own eyes. Digital compositional and editing of storytelling images and their publication will be explored and utilized.

Certificate of Achievement

Student Learning Outcomes:

1. Describe and demonstrate the effective use of various applications of camera and lens techniques for visual story telling.
2. To produce photographs, design and layout for traditional, video and Internet visual publications.

PSYCHOLOGY

PSYCHOLOGY – Major #7501*revised program, Spring 2016*

The Psychology AA Program is designed to provide a strong academic foundation for students planning to major in Psychology at a four-year institution. Psychology is the scientific study of human behavior and mental processes. Two of the field's key features reflect the highly valuable approach psychology takes to gain knowledge about human behavior. First, psychology emphasizes the use of critical thinking and the scientific method to ask questions, acquire and evaluate information, and solve problems. Second, the field recognizes the complexity of human behavior, and is guided by the idea that a complete understanding of human behaviors, emotions, and thoughts must include an analysis of factors as diverse as biological, interpersonal, and sociocultural influences. Thus, psychology represents a method of inquiry that can be a useful tool for students with a variety of interests and career goals.

Earning an Associates in Arts degree in Psychology may be beneficial for individuals whose vocational plans include working in human or social services (e.g., law enforcement, education, sales, social welfare, and nursing). Students are encouraged to follow the CSU General Education-Breadth or IGETC pattern with the assistance of a counselor.

Associate in Arts Degree**Student Learning Outcomes:**

1. Students will apply their knowledge of psychology's major theoretical perspectives (psychodynamic, behavioral, biological, humanistic, cognitive, evolutionary, and sociocultural) and its scientific research process when studying topics of interest, including methodologies and ethical concerns within the field's subdisciplines.
2. Students will recognize and analyze the application of psychological concepts and theories to human experiences across the lifespan and within the context of various social and cultural constructs.
3. When presented with information and claims about human behavior and mental processes, students critically evaluate them within a framework that views humans as continually developing physiological, social, and psychological organisms.

Required Core Courses

	Units
REC 20 Introduction to Recreation	3
HLTH 1 Contemporary Health Issues.....	3
PE Physical Education Activity	1
PSY 2/2H General Psychology, or Honors General Psychology.....	3
PSY 36 Biological Psychology.....	3
PSY 42 Statistics for the Behavior Sciences	4

ELECTIVES**DEPTH: Choose two (2) of the following**

	Units
PSY 5 Social Psychology	3
PSY 12 Child Abuse.....	3
PSY 16 Abnormal Psychology.....	3
PSY 18 Criminal Personalities.....	3

LIFESPAN: Choose one (1) of the following:

	Units
PSY 25 Human Sexuality	3
PSY 33 Personal & Social Adjustment.....	3
PSY 38 Lifespan Development.....	3
PSY 39 Child Growth and Development	3

DIVERSITY: Choose one (1) of the following:

	Units
AFRAM 1 Introduction to African American Studies	3
AMIND 31 American Indian Culture.....	3
AMST 10 American Pluralism: A Search for Common Ground in a Multicultural Society.....	3
ANTHRO 2/2H Cultural Anthropology, or Honors Cultural Anthropology	3
ASAMER 15 Introduction to Asian-Americans	3
CLS 11 Introduction to Chicano-Latino Studies.....	3
SOC 2 American Minority Groups.....	3
WSTS 10 Changing Roles of Women	3

RECREATION**RECREATION – Major #4300***revised program, Spring 2016*

This degree is designed to prepare students for employment opportunities in recreation and leisure as well as preparation for transfer to a four year university.

Associate in Arts Degree

Student Learning Outcomes:

1. List and define the programs and services of the recreation programs in the community.
2. Identify and apply the skills needed to be a recreational leader in a community setting.

Core Courses	Units
HLTH 1 Contemporary Health Issues.....	3
HLTH 2 First Aid and Safety.....	3
PE Four (4) Physical Education Activity Classes	4
PE 62 Introduction to Kinesiology	3
REC 19 Work Experience (Cooperative), Occupational	4
REC 20 Introduction to Recreation	3
REC 21 Recreational Leadership	3
REC 23 Outdoor Recreation.....	3

SPANISH

SPANISH - Major #5510

revised program, Spring 2016

The Spanish Program is designed to prepare students for entry into a variety of career options requiring intermediate or better levels of fluency. The Spanish major also acquaints students with the cultures of Spanish speaking countries.

Associate in Arts Degree

Student Learning Outcome:

1. Engage in conversation using the Spanish in daily life situations.
2. Read with a certain depth of understanding magazine or newspaper articles, short stories, and literary excerpts written in Spanish.
3. Write at the advance level in a variety of modalities including personal and professional letters, short narratives, and descriptive essays.
4. Recognize and understand cultural similarities and differences between U. S. culture and that of the Spanish speaking world. Distinguish simple behavioral patterns that represent these cultures and behave in culturally appropriate ways In specific situations.

Required Core Courses	Units
SPAN 3 Intermediate Spanish, <i>or</i>	
SPAN 3NS Spanish for Spanish Speakers	5
SPAN 4 High-Intermediate Spanish, <i>or</i>	
SPAN 4NS Spanish for Spanish Speakers	5

Select a minimum of twelve (12) additional units from the following list

	Units
SPAN 5 The Short Story: Mexico, Spain & the U.S.	4
SPAN 6 The Short Story: Latin America	4
SPAN 7 Advanced Spanish: Composition & Grammar.....	4
SPAN 8 Advanced Spanish: Conversation	4
SPAN 9 Spanish Business and Culture	4

COURSE DESCRIPTIONS

Changes to Pages 217-362

Courses

Administration of Justice (AJ)

Course deleted *effective Spring 2016*
 221 Explosive Recognition for First Responders, 0.5 unit, 8.4 lecture hours, 8.4 lab hours, (1 week)

Course deleted *effective Spring 2016*
 298 Sexual Assault Investigation, 1 unit, 42 lecture hours, (1 week)

Course deleted *effective Spring 2016*
 299 Basic Bicycle Patrol, 1 unit, 9.6 lecture hours, 24 lab hours, (1 week), (Pass/No Pass), (Formerly Administration of Justice 99)

Air Conditioning (AC)

Course deleted *effective Spring 2016*
 19 Work Experience (Cooperative), Occupational, 1-8 units

Applied Technology (AT)

Change: advisory *effective Spring 2015*
 21 Occupational Safety and Health, 2 units, 2 lecture hours, (Formerly Industrial Education 36)
Advisory: Eligibility for English 1A recommended. Applied Technology 10 recommended.

Change: advisory, description *effective Spring 2016*
 40 Preparing for Employment Opportunities, 3 units, 3 lecture hours, (Formerly Industrial Education 37)
Advisory: Eligibility for English 1A recommended. Applied Technology 10 recommended.
 Development of human relations competencies and professional workplace communications including written, oral and presentation skills in the work world. Development of job-seeking skills including preparing resumes, preparing portfolios and honing job search and interview skills. (A, CSU)

Change: advisory, description *effective Spring 2016*
 120 Industrial Science, 3 units, 3 lecture hours, 1 lab hour, (Formerly Industrial Education 51)
Advisory: Eligibility for English 125 and 126 and Mathematics 201 or Applied Technology 130 recommended.
 A study of Force, Work, Rate, Resistance, Energy, and Power in the physical systems of Mechanical, Fluid, Electrical, and Thermal. Applications to the trades emphasized. (A)

Change: description *effective Spring 2016*
 130 Industrial Mathematics, 3 units, 3 lecture hours, (Formerly Industrial Education 60)
Prerequisite: Mathematics 260C or 250 or designated math score. **Advisory:** Eligibility for English 125 and 126 recommended.
 Trade-related math problems including the use of signed numbers, fractions, ratios and proportions, percentages, algebraic expressions, exponents, polynomials, factoring, algebraic fractions, radical expressions and measuring tools with particular emphasis to the trades. (A)

Change: description *effective Spring 2016*
 131 Technical Report Writing, 3 units, 3 lecture hours, (Formerly Drafting 43 and Applied Technology 31)
Advisory: Eligibility for English 125 recommended. Applied Technology 10 recommended.
 Learn about the different types of written job-related reports. An emphasis is placed on job-related records, forms, and letters. (A)

Apprenticeship (APP)*Change: prerequisite, advisory**effective Spring 2016*

361/7J Roofing, 3 lecture hours, 1 lab hour, (Open Entry/Open Exit), (Formerly Apprenticeship Training 61/66J and 361/66J)

Prerequisite: Students must be indentured into Roofers/Waterproofers Union. **Advisory:** Eligibility for English 125 and 126 recommended.**Automotive Collision Repair CTC (ACRCTC)***Change: hours, weeks**effective Spring 2016*

371 Fundamentals of Welding Technology and Working Sheet Metal, 2.78 lecture hours, 13.89 lab hours, (300 total hours, (Repeats = 3), (Open Entry/Open Exit)

*Change: hours, weeks**effective Spring 2016*

372 Body Work Technology, 2.78 lecture hours, 13.89 lab hours, (300 total hours, (Repeats = 3), (Open Entry/Open Exit)

*Change: hours, weeks**effective Spring 2016*

373 Automotive Refinishing Technology, 2.78 lecture hours, 13.89 lab hours, (300 total hours, (Repeats = 3), (Open Entry/Open Exit)

Automotive Mechanics CTC (AMCTC)*Change: hours, weeks**effective Spring 2016*

371 Engine Repair, 16 lecture hours, 33.5 lab hours, (600 total hours), (Pass/No Pass), (Repeats = 3), (Open Entry/Open Exit), (Formerly AMVTC 71)

*Change: hours, weeks**effective Spring 2016*

372 Engine Performance, 11 lecture hours, 22.33 lab hours, (900 total hours), (Pass/No Pass), (Repeats = 3), (Open Entry/Open Exit), (Formerly AMVTC 72)

Automotive Technology (AUTOT)*Course deleted**effective Spring 2016*

262B (A8) Engine Performance Training, 1 unit, 6 lecture hours, 2 lab hours, (3 weeks), (Formerly Automotive Technology 62B)

*Course deleted**effective Spring 2016*

262C (L1) Advanced Engine Performance Training, 1 unit, 6 lecture hours, 2 lab hours, (3 weeks), (Formerly Automotive Technology 62C)

Chemistry (CHEM)*Change: prerequisite**effective Spring 2016*

20 Practical Quantitative Analysis, 5 units, 2 lecture hours, 9 lab hours

Prerequisite: Chemistry 1B. **Advisory:** Eligibility for English 1A recommended.*Course deleted**effective Spring 2016*

46 Computers in Early Childhood Education, 3 units, 3 lecture hours

*Course deleted**effective Spring 2016*

150 Basic Child Growth and Development, 3 units, 3 lecture hours

*Course deleted**effective Spring 2016*

165A Topics in Child Development: Curriculum, 1-3 units, 1-3 lecture hours, (Formerly Child Development 65A)

*Course deleted**effective Spring 2016*

165B Topics in Child Development: Family and Community, 1-3 units, 1-3 lecture hours, (Formerly Child Development 65B)

*Course deleted**effective Spring 2016*

165C Topics in Child Development: Program Administration, 1-3 units, 1-3 lecture hours, (Formerly Child Development 65C)

Computer Science (CSCI)

Course deleted *effective Spring 2016*
 40J Programming Concepts and Methodology in Java, 4 units, 3 lecture hours, 2 lab hours

Construction (CONS)

Course deleted *effective Spring 2016*
 51A Residential Construction: Foundations, 5 units, 2 lecture hours, 8 lab hours

Course deleted *effective Spring 2016*
 51B Residential Construction: Framing, 5 units, 2 lecture hours, 8 lab hours

Course deleted *effective Spring 2016*
 53A Residential Construction: Exterior Finish, 5 units, 2 lecture hours, 8 lab hours

Course deleted *effective Spring 2016*
 53B Residential Construction: Interior Finish, 5 units, 2 lecture hours, 8 lab hours

Course deleted *effective Spring 2016*
 57 Construction Surveying, 2 units, 1 lecture hour, 3 lab hours

Criminology (CRIM)

Change: description *effective Spring 2016*
 7 Concepts of Enforcement Services, 3 units, 3 lecture hours, (Formerly Administration of Justice 7)
Advisory: Eligibility for English 1A recommended.
 Role expectations for line enforcement officers; patrol, traffic and public service responsibilities; physical and psychological officer survival. (A, CSU)

Change: description *effective Spring 2016*
 12 Criminal Justice Communication, 3 units, 3 lecture hours, (Formerly Administration of Justice 12)
Advisory: Eligibility for English 1A recommended.
 Fundamentals of information gathering; preparation of public safety reports, testifying; formal and informal communication with public and official agencies. (A, CSU)

Change: description *effective Spring 2016*
 13 The Constitution and Your Individual Rights, 3 units, 3 lecture hours, (Formerly Administration of Justice 13)
Advisory: Eligibility for English 1A recommended.
 History and development of the Constitution; analysis of notable cases; historic protection of individual rights; ability of government to limit those prerogatives. (A, CSU-GE, UC)

Change: description *effective Spring 2016*
 15 Introduction to Police Ethics, 3 units, 3 lecture hours, (Formerly Administration of Justice 15)
Advisory: Eligibility for English 1A recommended.
 Examination of issues relating to ethical standards and violations in the criminal justice system; practical and theoretical solutions; morality and ethics in human behavior. (A, CSU)

Change: corequisite, description *effective Spring 2016*
 19 Work Experience (Cooperative), Occupational, 1-8 units
Corequisite: Fall and Spring Semesters: Must be enrolled in at least one other course, in addition to occupational work experience. Summer Session: Enrollment in another college course is optional. Supervised employment directly related to the student's major. Offered under specific majors. Selection for program participation.
 Supervised employment extending the classroom based on occupational learning related to criminology.
 Collaborative learning objectives established specific to criminology. Seventy-five (75) hours of paid work or 60 hours of non-paid work per unit per semester. Maximum of 8 units per semester. Maximum 16 units total. Orientation hours may be required. (A, CSU)

Dance (DANCE)

New course *effective Spring 2016*
 28B Pre-Advanced Modern Dance Technique, 2 units, 1.5 lecture hours, 2 lab hours
Prerequisite: Dance 28.
 Pre-Advanced-level modern dance, emphasis honing previous skills including a variety of locomotor patterns, creativity, and deeper understanding of modern dance concepts. (A, CSU)

Drafting (DRAFT)*Course deleted*

19 Work Experience (Cooperative), Occupational, 1-8 units

*effective Spring 2016**Course deleted*

296A Fundamentals of Network Security – Firewalls, 3 units, 3 lecture hours, 1 lab hour

*effective Spring 2016**Course deleted*

296B Fundamentals of Wireless LANs, 3 units, 3 lecture hours, 1 lab hour

*effective Spring 2016***Fashion and Textiles Studies (FSHTX)***Course deleted*

20 Textiles, 3 units, 3 lecture hours, 1 lab hour, (Formerly Home Economics 11 and 20 and Fashion Merchandising 20)

*effective Spring 2016**Course deleted*

22 Fashion Analysis and Wardrobe Selection, 3 units, 3 lecture hours, (Formerly Retailing Fashion 8 and Fashion Merchandising 22)

*effective Spring 2016***Fire Technology (FIRET)***Change: hours, weeks*

1 Fire Protection Organization, 3 units, 3.27 lecture hours, (Formerly Fire Science 1)

*effective Spring 2016**Course deleted*

13 Arson and Fire Investigation Technology, 3 units, 8.4 lecture hours, (7 weeks), (Spring), (Formerly Fire Science 13)

*effective Spring 2016**Change: advisory, description*

130A Basic Fire Academy – Part 1, 13 units, 9 lecture hours, 16.2 lab hours, (16 weeks)

*effective Spring 2016***Prerequisite:** None.

Skills and knowledge needed for the entry level professional fire fighter to perform his/her duties safely, effectively, and competently. The curriculum is based on the 2013 edition of NFPA 1001 Standard for Fire Fighter Professional Qualifications, the 2012 edition of NFPA 1051 Standard for Wildland Fire Fighter Professional Qualifications, and the 2008 edition of NFPA 472 Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents. The seven overarching themes of the California State Fire Fighter I curriculum are: general knowledge germane to the profession, fire department communications, fireground operations, rescue operations, preparedness and maintenance, wildland suppression activities, and hazardous materials/WMD. An intensive physical fitness training program is also part of this course; course is offered on an intensive daytime format or an extended evening and weekend format. (A)

Change: description

130B Basic Fire Academy – Part 2, 13 units, 10.1 lecture hours, 16.5 lab hours, (15 weeks)

*effective Spring 2016***Prerequisite:** Successful completion of Fire Technology 130A when taken in tandem without a time separation between courses (Fire Technology 130A and Fire Technology 130B).

This course provides the skills and knowledge needed for the entry level professional fire fighter to perform his/her duties safely, effectively, and competently. The curriculum is based on the 2013 edition of NFPA 1001 Standard for Fire Fighter Professional Qualifications, the 2012 edition of NFPA 1051 Standard for Wildland Fire Fighter Professional Qualifications, and the 2008 edition of NFPA 472 Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents. The seven overarching themes of the California State Fire Fighter I curriculum are: general knowledge germane to the profession, fire department communications, fireground operations, rescue operations, preparedness and maintenance, wildland suppression activities, and hazardous materials/WMD. An intensive physical fitness training program is also part of this course; course is offered on an intensive daytime format or an extended evening and weekend format. (A)

Change: advisory

131 Emergency Medical Technician I, 10 units, 8 lecture hours, 5.33 lab hours, (Formerly Fire Science and Fire Technology 31)

*effective Spring 2016***Advisory:** Eligibility for English 1A recommended.

Change: advisory, description**effective Spring 2016****133 Emergency Medical Technician – Paramedic – Didactic, 22 units, 12.5 lecture hours, 11.5 lab hours, (24 weeks)****Prerequisite:** Fire Technology 131 or valid EMT 1 certificate. **Advisory:** Eligibility for English 1A recommended.

Designed to produce qualified and competent EMT - Paramedic educated and trained in all elements of prehospital advanced life support to the acutely ill or injured patients; scope of practice is in accordance with Title 22 of the California Code of Regulations. (A)

Change: advisory**effective Spring 2016****134 Emergency Medical Technician – Paramedic – Clerical, 4 units, 1.5 lecture hours, 11.5 lab hours, (15 weeks)****Prerequisite:** Fire Technology 133. **Advisory:** Eligibility for English 1A recommended.**Change: prerequisite, advisory****effective Spring 2016****135 Emergency Medical Technician – Paramedic – Field Internship, 9 units, 32 lab hours, (15 weeks)****Prerequisite:** Fire Technology 134. **Advisory:** Eligibility for English 1A recommended.**Change: advisory****effective Spring 2016****150C Fire Management 1, 2 units, 8.4 lecture hours, (5 weeks), (Formerly Fire Science and Fire Technology 50C)****Advisory:** Eligibility for English 1A recommended.**Change: advisory, description****effective Spring 2016****150D Fire Command 1A, 2 units, 8.4 lecture hours, (5 weeks), (Formerly Fire Science and Fire Technology 50D)****Advisory:** Eligibility for English 1A recommended. Fire Technology 130B or equivalent.

Introduction to the principles of command, an overview of the concepts of command safety and the risk management process, preincident planning considerations, command considerations at structure fire incidents, Company Officer initial actions at an incident including the development of incident priorities, strategy, and tactics, information on the roles and responsibilities of a Company Officer for post- incident actions. Each student will have the opportunity to gain experience in a controlled environment through structure fire incident simulations. (A, CSU)

Course deleted**effective Spring 2016****150E Fire Command 1B, 2 units, 8.4 lecture hours, (5 weeks), (Formerly Fire Science and Fire Technology 50E)****Change: advisory****effective Spring 2016****150F Fire Investigation 1A, 2 units, 8.4 lecture hours, (5 weeks), (Formerly Fire Science and Fire Technology 50F)****Advisory:** Eligibility for English 1A recommended.**Change: advisory****effective Spring 2016****150G Fire Prevention 1A, 2 units, 8.4 lecture hours, (5 weeks), (Formerly Fire Science and Fire Technology 50G)****Advisory:** Eligibility for English 1A recommended.**Change: advisory****effective Spring 2016****150H Fire Prevention 1B, 2 units, 8.4 lecture hours, (5 weeks), (Formerly Fire Science and Fire Technology 50H)****Prerequisite:** Fire Technology 150G.**Change: advisory****effective Spring 2016****150J Fire Investigation 1B, 2 units, 8.4 lecture hours, (5 weeks), (Formerly Fire Technology 50J)****Prerequisite:** Fire Technology 150F.**Change: prerequisite, advisory****effective Spring 2016****150K Fire Command 1C, 2 units, 8.4 lecture hours, (5 weeks)****Prerequisite:** Fire Technology 150D or equivalent.**Change: title, advisory, description****effective Spring 2016****150L Instructor I Instructional Methodology, 2 units, 8.4 lecture hour, (5 weeks)****Advisory:** Eligibility for English 1A recommended.

Skills and knowledge needed for the entry level professional instructor to perform his or her duties safely, effectively, and competently. The curriculum is based on the 2012 edition of NFPA 1041 Standard for Fire Service Instructor Professional Qualifications. At the end of this course, candidates for Instructor I certification will be able to teach and deliver instruction from a prepared lesson plan utilizing instructional aids and evaluation instruments. The Instructor I will also be able to adapt a lesson plan and complete the reporting requirements to the local jurisdiction. (A)

Course deleted**effective Spring 2016****150M Training Instructor 1B, 2 units, 8.4 lecture hours, (5 weeks)**

Change: title, prerequisite, description**effective Spring 2016****150N Instructor II Instructor Development, 2 units, 8.4 lecture hour, (5 weeks)****Prerequisite:** Fire Technology 150L.

This course provides the skills and knowledge needed for the intermediate level professional instructor to perform his or her duties safely, effectively, and competently. The curriculum is based on the 2012 edition of NFPA 1041 Standard for Fire Service Instructor Professional Qualifications and the 2012 edition of NFPA 1403 Standard on Live Fire Training Evolutions. At the end of this course, candidates for Instructor II certification will be able to develop lesson plans and evaluation instruments, teach and deliver instruction, and evaluate and coach other instructors. The Instructor II will also be able to analyze resources and formulate a program budget. (A)

Change: units, hours, weeks**effective Spring 2016****265 I-300, Intermediate ICS, 2 units, 8.4 lecture hours, (5 weeks)****Foreign Languages****Armenian (ARMEN)****Course deleted****effective Spring 2016****3 Intermediate Armenian, 5 units, 5 lecture hours****French (FRENCH)****Course deleted****effective Spring 2016****4 High-Intermediate Armenian, 5 units, 5 lecture hours, (Formerly French 2B)****German (GERMAN)****Course deleted****effective Spring 2016****3 Intermediate Armenian, 5 units, 5 lecture hours, (Formerly German 2A)****Course deleted****effective Spring 2016****4 High-Intermediate Armenian, 5 units, 5 lecture hours, (Formerly French 2B)****Portuguese (PORT)****Course deleted****effective Spring 2016****3 Intermediate Armenian, 5 units, 5 lecture hours****Course deleted****effective Spring 2016****4 High-Intermediate Armenian, 5 units, 5 lecture hours****Geography (GEOG)****New course****effective Spring 2016****12 Introduction to Global Positioning Systems (GPS), 1 unit, 1 lecture hours, 0.5 lab hour****Advisory:** Eligibility for English 1A recommended.

Introductory course in the principles and operation of GPS (Global Positioning Systems). Designed to develop basic competency for a variety of professional or recreational uses. Covers the basic principles, functioning, potential errors and applications of GPS. Use of GPS receivers required. Prepares students for advanced coursework in the GPS or for coursework in Geographic Information Systems. (A, CSU)

New course**effective Spring 2016****18 Introduction to Remote Sensing, 3 units, 2.5 lecture hours, 2 lab hours****Advisory:** Eligibility for English 1A recommended. Completion of Mathematics 201 recommended. Geography 7 recommended.

Introduction to remote sensing of the Earth. History and physical principles on which remote sensing is based, sensors and their characteristics, image data sources and image acquisition, classification and interpretation of images, and techniques of analysis. Exploration of practical applications of remote sensing. (A, CSU)

Human Services (HS)

Change: description **effective Spring 2016**

18 Alcohol and Drug Abuse Counseling: Professional and Personal Growth, 2 units, 2 lecture hours

Advisory: Eligibility for English 1A recommended.

This course, provides techniques to establish optimal performance and the well-being of the Alcohol and Drug Abuse helping professional. (A, CSU)

Change: description **effective Spring 2016**

20 Introduction to Social Welfare, 3 units, 3 lecture hours

Advisory: Eligibility for English 1A recommended.

Introduction to the social, economic, political, historical and philosophical components in the development of social welfare and social work in western society. Emphasis on knowledge base, value systems, and specific fields of social work practice. (A, CSU)

Course deleted **effective Spring 2016**

35 Introduction to Eating Disorders, 2 units, 2 lecture hours

Industrial Training CTC (ITCTC)

Change: hours, weeks, description **effective Spring 2016**

371 Warehouse & Distribution Careers, 3 lecture hours, 3 lab hours, (108 total hours), (Open Entry/Open Exit), (Repeats = 3), (Formerly ITVTC 71)

Corequisite: Industrial Training CTC 372.

Forklift and electric pallet jack safety and operation skills necessary for employment, inventory and warehouse procedures utilizing computer based program resulting in logistics certification, basic and applied mathematics, basic computer, reading and writing practice, warehouse equipment like strapping and manual pallet jack.

Change: hours, weeks, description **effective Spring 2016**

372 Warehouse and Distribution Careers, 3 lecture hours, 3 lab hours, (108 total hours), (Open Entry/Open Exit), (Repeats = 3)

Corequisite: Industrial Training CTC 371.

Provides forklift operation and safety skills necessary for employment in warehouse environment. Warehouse inventory and processing procedures utilizing computer based related programs, mathematics and proper packaging techniques to industry standards.

Latin American Studies (LAST)

Course deleted **effective Spring 2016**

10 Latin American Literature, 3 units, 3 lecture hours

Course deleted **effective Spring 2016**

11 Latin American Colloquium, 1 unit, 1 lecture hour

Linguistics (LING)

New course **effective Spring 2016**

10H Honors Introduction to Language, 3 units, 3 lecture hours

Advisory: Meet the qualifications for consideration into the Honors Program recommended. See Honors Program listing in the college catalog.

Examination of the nature of language, its historical development, its structural elements, the stages of language acquisition, and their applications in the world. Emphasis on systematic linguistic analysis of language systems and usage. Honors sections will cover additional subject matter such as cognitive linguistics, forensic linguistics, and computational linguistics. (A, CSU)

Maintenance Mechanic CTC

Change: hours, weeks **effective Spring 2016**

370 Fundamentals of Welding and Machine Shop, 5.55 lecture hours, 11.11 lab hours, (300 total hours), (Repeats = 3), (Formerly MMVTC 70)

Change: hours, weeks **effective Spring 2016**

371 Fundamentals of Hydraulics and Pneumatics, 5.55 lecture hours, 11.11 lab hours, (300 total hours), (Repeats = 3), (Formerly MMVTC 71)

Change: hours, weeks**effective Spring 2016**

372 Electrical Fundamentals, 5.55 lecture hours, 11.11 lab hours, (300 total hours), (Repeats = 3), (Formerly MMVTC 72)

Marketing (MKTG)**Change: title, description****effective Spring 2016**

11 Selling and Sales Management, 3 units, 3 lecture hour
Advisory: Eligibility for English 1A recommended.

Fundamentals of personal selling including the steps in the sales process; communicating and relationship building; creating value; sales management; making sales presentations and negotiating; buyer motivation/resistance; organizing a territory, and time management. Career opportunities in the sales industry and selling occupations. (A, CSU)

Music (MUS)**Course deleted****effective Spring 2016**

14 Opera Appreciation, 3 units, 3 lecture hours

Course deleted**effective Spring 2016**

36 Women's Chorale, 2 units, 1 lecture hour, 2 lab hours

Course deleted**effective Spring 2016**

39 Opera and Musical Theatre Workshop, 2 units, 1 lecture hour, 2 lab hours

Course deleted**effective Spring 2016**

47 Jazz Combo, 2 units, 1 lecture hour, 3 lab hours

Nursing, Registered (RN)**New course****effective Summer 2016**

33I Transcultural Healthcare, International, 1 unit, 1 lecture hour
Prerequisite: None.

Cultural and spiritual concepts as they relate to the application of nursing care in an international setting. Intended for study abroad. (A, CSU)

Paralegal (PLEGAL)**Course deleted****effective Spring 2016**

9 Real Property, 3 units, 3 lecture hours

Course deleted**effective Spring 2016**

16 Environmental Law, 3 units, 3 lecture hours

Photography (PHOTO)**Change: corequisite****effective Spring 2016**

15 Photography and Visual Literacy, 3 units, 2 lecture hours, 3 lab hours

Corequisite: Photography 5 or Photography 6 or Photography 17 or equivalent or by Portfolio Review. **Advisory:** Photography 12.

Change: description**effective Spring 2016**

17 Classic Black and White Photography, 3 units, 2 lecture hours, 3 lab hours, (Formerly Photography)
Advisory: Photography 5. Eligibility for English 1A recommended.

Theories and practices of traditional 35mm and 4x5 Black and White film photography; technical and creative use of manual camera controls and accessories, film development, printing, print presentation techniques and legal and ethical aspects of photography. Projects emphasize aesthetics and photographic problem solving utilizing text and classroom information. (A, CSU)

Change: advisory**effective Spring 2016**

18 Digital Black and White Photography, 3 units, 2 lecture hours, 3 lab hours, (Formerly Photography 20)

Prerequisite: Photography 12 or equivalent. **Advisory:** Photography 17.

- Course deleted** **effective Spring 2016**
 19 Work Experience (Cooperative), Occupational, 1-8 units
- Change: prerequisite** **effective Spring 2016**
 27 Alternative Photographic Processes, 3 units, 2 lecture hours, 3 lab hours, (Formerly Photography 30, 33, and 40)
 Prerequisite: Photography 6 or 17 or equivalent. **Advisory:** Photography 12 and 15.
- Change: corequisite** **effective Spring 2016**
 30 Editorial Photography, 3 units, 2 lecture hours, 3 lab hours
 Prerequisite: Photography 6 or equivalent. **Advisory:** Photography 12 and 15 or equivalent.
- Change: prerequisite** **effective Spring 2016**
 32 Commercial Portraiture, 3 units, 2 lecture hours, 3 lab hours, (Formerly Photography 23 and 25) Prerequisite: Photography 6
- Change: corequisite** **effective Spring 2016**
 37 Editorial Portraiture, 3 units, 2 lecture hours, 3 lab hours
 Prerequisite: Photography 5 or equivalent. **Corequisite:** Photography 6 or equivalent. **Advisory:** Photography 12 and 32.
- Change: corequisite** **effective Spring 2016**
 40 Professional Photographic Practices, 3 units, 2 lecture hours, 3 lab hours
 Prerequisite: Photography 5 or equivalent. **Corequisite:** Photography 6 or equivalent. **Advisory:** Photography 12, 15 or equivalent.
- Change: corequisite** **effective Spring 2016**
 47 Book/Video Publishing, 3 units, 2 lecture hours, 3 lab hours
 Prerequisite: Photography 5 or equivalent. **Corequisite:** Photography 6 or equivalent. **Advisory:** Photography 15 and 30.
- Change: description** **effective Spring 2016**
 57 Applied Color and Alternative Photographic Media, 3 units, 2 lecture hours, 3 lab hours
 Prerequisite: Photography 12. **Advisory:** Photography 23.
 Developing a personal vision by seeing and working with digital media using various media and methods for creating photographic images. Contemporary, non-silver, and digital processes will be used and combined for representational and non-representational images. Color Theory and Color Management in the photographic medium and its relationship to alternative media. Field trips as required. (A, CSU)

Physical Education (PE)

- Course deleted** **effective Spring 2016**
 11 Seasonal Sports, 1 unit, 2 lab hours, (Formerly Physical Education ACT 5)
- Course deleted** **effective Spring 2016**
 25 Water Safety Instructor, 3 units, 2 lecture hours, 2 lab hours, (Formerly Physical Education PRE 31B)
- Course deleted** **effective Spring 2016**
 31A Theory of Basketball, 1 unit, 1 lecture hour, 1 lab hour
- Course deleted** **effective Spring 2016**
 32A Theory of Cross Country, 1 unit, 1 lecture hour, 1 lab hour
- Course deleted** **effective Spring 2016**
 33A Theory of Football, 1 unit, 1 lecture hour, 1 lab hour
- Course deleted** **effective Spring 2016**
 34A Theory of Golf, 1 unit, 1 lecture hour, 1 lab hour
- Course deleted** **effective Spring 2016**
 36A Theory of Soccer, 1 unit, 1 lecture hour, 1 lab hour
- Course deleted** **effective Spring 2016**
 37A Theory of Softball, 1 unit, 1 lecture hour, 1 lab hour
- Course deleted** **effective Spring 2016**
 38A Theory of Tennis, 1 unit, 1 lecture hour, 1 lab hour
- Course deleted** **effective Spring 2016**

39A Theory of Track and Field, 1 unit, 1 lecture hour, 1 lab hour

Course deleted

effective Spring 2016

40A Theory of Volleyball, 1 unit, 1 lecture hour, 1 lab hour

Course deleted

effective Spring 2016

41A Theory of Wrestling, 1 unit, 1 lecture hour, 1 lab hour

Course deleted

effective Spring 2016

42A Theory of Water Polo, 1 unit, 1 lecture hour, 1 lab hour

Psychology (PSY)

Change: description

effective Spring 2016

5 Social Psychology, 3 units, 3 lecture hours

Advisory: Eligibility for English 1A recommended.

Systematic analysis of the social determinants of human behavior and mental processes. Focus on the mutual influence between the individual and the social environment. Emphasized topics include social perception, social cognition, attitudes, persuasion, conformity and obedience, attraction, gender roles, prosocial behavior, aggression, prejudice and discrimination, group phenomena, and cultural norms. (C-ID PSY 170) (A, CSU, UC)

Course deleted

effective Spring 2016

15 Psychology of Religion, 3 units, 3 lecture hours

Change: description

effective Spring 2016

16 Abnormal Psychology, 3 units, 3 lecture hours

Advisory: Psychology 2 and eligibility for English 1A recommended.

Psychological, sociocultural, and biological bases of abnormal behavior. Definitions of abnormality; current models of etiology, classification, therapy, and prevention; critical analysis of research techniques and findings. (C-ID PSY 120) (A, CSU, UC)

Change: description

effective Spring 2016

36 Biological Psychology, 3 units, 3 lecture hours

Prerequisite: Psychology 2. **Advisory:** Biology 3 or 5, and eligibility for English 1A recommended.

The psychology of effective and ineffective coping patterns. Topics include personality, lifespan development, psychological factors of physical health and illness, stress, gender roles, interpersonal relationships, work and leisure, psychological disorders, and therapy. These topics will be explored with an emphasis on both theory and practical application in everyday life. (C-ID PSY 150) (A, CSU, UC)