

# Fresno City College

## 2016-2017

### Catalog Addendum

#### March 2017

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**University of California Transfer Course List (UC)**

**Change: New**  
Applied Technology 10

***effective Fall 2016***

# ASSOCIATE DEGREE AND CERTIFICATE PROGRAMS

*Changes to Pages 96-213*

## BUSINESS ADMINISTRATION

### ENTREPRENEURIAL VENTURES – MAJOR #2041

*revised program, Spring 2017*

This certificate is designed to provide visual artists, musicians, artisans, engineers, technologists and other non-business majors and other skilled individuals with the necessary knowledge to launch a business and/or market their creations. These courses are focused on the start-up phases of a business.

#### Certificate

#### Student Learning Outcomes:

1. Mastery of course content sufficient to complete a business plan.
2. Appropriate application of business theory relating to the functions of operations, management, marketing, accounting, technology and finance.
3. Demonstrate basic workplace written, verbal, non-verbal communication, negotiation, and soft skills required for the workplace.

#### Required Core Courses

#### Units

BA 27	Collegiate Entrepreneurs Organization CEO/ Students in Free Enterprise (SIFE) .....	1-3
BA 49	Business Protocol for Entrepreneurs .....	2
BA 50	Business Concepts .....	2
BA 52	Introductions to Entrepreneurship .....	3
<b>Total</b>		<b>8-10</b>

### HUMAN RESOURCES MANAGEMENT ASSISTANT – MAJOR #2052

*revised program, Spring 2017*

A step incentive certificate signifying proficiency in basic knowledge and skills required for an entry-level human resource assistant.

#### Certificate

#### Student Learning Outcomes:

1. Describe basic computer software and appropriate applications.
2. Demonstrate the appropriate application of State and Federal HR law to business situations.
3. Demonstrate the appropriate application for each of the primary HR functions.
4. Demonstrate effective communication skills through speaking, writing, and other common forms of business communications including the appropriate use of communication devices.
5. Define and describe how to take personal responsibility for professional and effective workplace relationships.

#### Required Courses

#### Units

BA 31	Human Resource Management .....	3
BA 33	Human Relations in the Workplace .....	3
BT 9	Computer Applications I, or	
BT 25/CIT 20	Microsoft Office .....	3-4
<b>Total</b>		<b>9-10</b>

**HUMAN RESOURCES MANAGEMENT AND HUMAN RELATIONS– MAJOR #2520** *revised program, Spring 2017*  
 A step incentive certificate signifying proficiency in entry-level human resource management skills.

**Certificate**

**Student Learning Outcomes:**

1. Demonstrate the appropriate application of State and Federal HR laws to business situations.
2. Demonstrate the appropriate application for each of the primary HR functions.
3. Demonstrate effective communication skills through speaking, writing, and other common forms of business communication including the appropriate use of communications devices.
4. Demonstrate how to take personal responsibility for professional and effective workplace relationships.
5. Demonstrate an understanding of motivation and goal-setting theories and its influence on workplace performance.

<b>Required Courses</b>	<b>Units</b>
BA 31 Human Resource Management.....	3
BA 33 Human Relations in the Workplace.....	3
	Total 9

**REAL ESTATE COURSE QUALIFICATION – MAJOR #2192** *new program, Spring 2017*  
 Successful completion of these three courses qualify an individual to sit for the Real Estate Salesperson examination and meets the requirements of the Department of Consumer Affairs - Bureau of Real Estate.

**Certificate**

**Student Learning Outcomes:**

1. Understand and apply the Realtor Code of Ethics and Regulations of the Department of Real Estate.
2. Explain how to locate appropriate financing for buyers of real property; and how to work with appraisers, in addition to understanding basic accounting, financial statements and transactions and interpreting financial statements.
3. Understand key components of commercial transactions, contracts, purchase agreements and laws that relate to those transactions.

<b>Required Core Courses</b>	<b>Units</b>
ACCTG 4A Financial Accounting, or	
BA 18 Business and the Legal Environment.....	4
RE 40 Real Estate Principles.....	3
RE 41 Real Estate Practice.....	3
	Total 10

**ELECTRICAL SYSTEM TECHNOLOGY – FORMERLY ELECTRONIC TECHNOLOGY**

**ELECTRICAL SYSTEMS TECHNOLOGY – MAJOR #8171** *revised program, Spring 2017*  
 Electrical Systems Technology provides an opportunity for students to prepare for employment in the electronics/electrical industry. Specific occupational preparation is provided in the following program.

**Associate in Science and Certificate of Achievement**

**Student Learning Outcomes:**

1. Define and apply various numbering systems (i.e. Binary, hexadecimal, and Octal).
2. Develop a motor logic control solution using the defined parameters given.
3. Demonstrate a comprehension of the basic operation of communication systems for digital signals.
4. Design and configure a control application using a PLC and PLC software.
5. Specify, install, and calibrate an instrumentation circuit for the solution of a problem.

<b>Required Core Courses</b>	<b>Units</b>
AT 10 Technical Computer Applications.....	3
AT 40 Preparing for Employment Opportunities.....	3
EST 51 Direct Current Fundamentals of Electronics.....	3
EST 52 Alternating Current Fundamentals.....	3
EST 53 Lab Safety Practices.....	2
EST 54 Integrated Devices.....	3
EST 96D National Electrical Code – Electrical Safety.....	3

**Select a minimum of thirty-eight (38)**

<b>Additional units from the following list:</b>	<b>Units</b>
EST 50 Introduction to Electronics.....	3
EST 55A Digital Concepts.....	3
EST 55B Facility Automation.....	3

EST 55C	SCADA Systems.....	2
EST 56A	Wiring Methods.....	3
EST 56B	Motor Controls.....	3
EST 56C	Industrial Electronics.....	3
EST 57A	Analog Communications.....	3
EST 57B	Digital Communications.....	3
EST 57C	Voice and Data Cabling.....	3
EST 58	Programmable Logic Controllers.....	3
EST 59	Instrumentation Systems.....	3
EST 60	A+PC Maintenance and Repair.....	3
EST 80	Introduction to Photovoltaics.....	3
EST 81	Photovoltaic Systems.....	3
EST 82A	Introduction to Robotics.....	3.5
EST 82B	Robotic Applications.....	3.5
No more than three (3) units of the following courses:		
EST 96A	National Electrical Code Part 1.....	3
EST 96B	National Electrical Code Part 2.....	3
EST 96C	National Electrical Code Part 3.....	3

**FACILITY CONTROL TECHNICIAN – FORMERLY AUTOMATION CONTROL TECHNICIAN – MAJOR #8179** *revised program, Spring 2017*  
 Training is designed to prepare the student for employment as a building automation technician.

**Certificate of Achievement**

**Student Learning Outcomes:**

1. Develop and implement a strategy utilizing HVAC controls.
2. Specify, install, and calibrate an instrumentation circuit for the solution of a problem.
3. Design and implement a security strategy utilizing door access controls.

<b>Required Courses</b>	<b>Units</b>	
AC 57	System Configuration and Control.....	2
AC 250	Digital Unitary Controls.....	2
AC 251	Digital VAV Controls.....	0.5
AC 252	DDC Network Controllers.....	2
EST 51	Direct Current Fundamentals of Electronics.....	3
EST 52	Alternating Current Fundamentals.....	3
EST 53	Lab Safety Practices.....	2
EST 55A	Digital Concepts.....	3
EST 55B	Facility Automation.....	3
EST 57C	Voice and Data Cabling.....	3
EST 59	Instrumentation Systems.....	3
Total		26.5

**CISCO CCNA PREPARATION – MAJOR #8174** *revised program, Spring 2017*

This option is to prepare students for the Cisco Certified Entry Networking Technician (CCENT) and/or CISCO Certified Network Associate (CCNA) and the CompTIA Net+ certification exams.

**Certificate of Achievement**

**Student Learning Outcomes:**

1. Construct and apply an IP addressing scheme for a simple network problem.
2. Configure a router for either static and/or dynamic IP routing for a given scenario.
3. Configure a switch for implementing the VLAN protocols.
4. Construct a WAN network utilizing the requested protocol over multiple routers and WAN service providers.

<b>Required Course Sequence</b>	<b>Units</b>	
EST 61	Networking Fundamentals.....	3
EST 62	Routing & Switching Essentials.....	3
EST 63	Scaling Networks.....	3
EST 64	Advanced Networking and Management.....	3
Total		12

<b>And the following courses in any sequence</b>	<b>Units</b>	
EST 57C	Voice and Data Cabling.....	3
EST 60	A+ PC Maintenance and Repair.....	3
Total		6

**COMMUNICATION TECHNICIAN – FORMERLY COMMUNICATIONS TECHNOLOGY – MAJOR #** *revised program, Spring 2017*  
 Training is designed to prepare the student for employment as a communication technician.

**Certificate of Achievement**

**Student Learning Outcomes:**

1. Design and implement various communication strategies that use radios to allow industrial controls to communicate and share data.
2. Construct and analyze electronic circuits relating to digital to analog converters, analog to digital converters and time division multiplexing.
3. Design and implement a network topology for a solution to a proposed communication problem.

**Required Course Sequence**

<b>First Semester</b>	<b>Units</b>
EST 51 Direct Current Fundamentals of Electronics .....	3
EST 52 Alternating Current Fundamentals .....	3
EST 53 Lab Safety Practices .....	2
EST 44 Integrated Devices .....	3
	Total 11

<b>Completion of the following courses</b>	<b>Units</b>
EST 57A Analog Communications.....	3
EST 57B Digital Communications.....	3
EST 57C Voice and Data Cabling.....	3
	Total 9

**INDUSTRIAL CONTROL TECHNICIAN – FORMERLY CONTROL SYSTEMS – MAJOR #8176** *revised program, Spring 2017*  
 Training in this specialized field is designed to prepare the student for employment as a control and instrument technician.

**Certificate of Achievement**

**Student Learning Outcomes:**

1. Define and apply formulas (Ohm’s and Kirchhoff’s Laws) for electrical circuit solutions.
2. Create a digital logic circuit using appropriate logic gates.
3. Contrast the different parts of a Supervisory Control and Data Acquisition System (SCADA).
4. Understand the purpose, functions and operations of a PLC.
5. Specify, install, and calibrate an instrumentation circuit for the solution of a problem.

<b>Required Courses</b>	<b>Units</b>
EST 51 Direct Current Fundamentals of Electronics .....	3
EST 55C SCADA Systems.....	2
EST 56B Motor Controls .....	3
EST 57C Voice and Data Cabling.....	3
EST 58 Programmable Logic Controllers.....	3
EST 59 Instrumentation Systems .....	3
	Total 17

**INDUSTRIAL CONTROLS – MAJOR #8180** *deleted program, Spring 2017*

**NETWORK SECURITY – MAJOR #8177** *deleted program, Spring 2017*

**WIRELESS NETWORKS – MAJOR #8178** *deleted program, Spring 2017*



## ENGLISH

### ENGLISH FOR TRANSFER – MAJOR #5305

*revised program, Spring 2017*

The Associate in Arts in English for Transfer degree is designed for students who plan to complete a bachelor's degree in a similar major at a CSU campus. A degree in English is considered a rigorous, complementary education for careers in the legal field, editing, interpreting, translation, and teaching at the K-12 and college levels. To earn the Associate in Arts in English for Transfer degree, students must complete a maximum of 60 required semester units of CSU-transferable coursework, including either the CSU-GE Breadth or IGETC requirements and 18 semester units within the major. Students must maintain a minimum 2.0 GPA, including grades of C or higher in each course taken to fulfill the major. Local graduation requirements are not required for the transfer degree. For more information on university admission and transfer requirements, students should consult with a counselor.

#### Associate in Arts

##### Student Learning Outcomes:

1. Read and critically evaluate college-level material from various sources through analysis and synthesis of information.
2. Write appropriately documented argumentative essays and research papers to deal with ideas by definition, evaluation, interpretation, and persuasion.
3. Analyze and respond in writing to a variety of literature, including short fiction, poetry, drama, novels, and other genres, concerning thematic, rhetorical, and symbolic elements.
4. Write about and analyze the various literary elements such as plot, characterization, setting, voice, meter and tragedy in selected works.
5. Demonstrate an understanding of the importance of the assigned works to various time periods and cultures and to literary tradition.

#### Major Core Courses

**English 1A/1AH is a prerequisite to major core courses; it also meets writing/reading competency and general education area D1.**

	<b>Units</b>
ENGL 1B Introduction to the Study of Literature .....	3
ENGL 3 Critical Reading & Writing.....	3

#### Major Course Options – Section A

**Select one of the course sequences (6 units total) from the following list:**

	<b>Units</b>
ENGL 44A World Literature to the Renaissance, and .....	3
ENGL 44B World Literature since the Renaissance, or .....	3
ENGL 46A English Literature to 1800, and .....	3
ENGL 46B English Literature from 1800 to the Present, or.....	3
ENGL 48A Introduction to American Literature to 1865, and .....	3
ENGL 48B Introduction to American Literature 1865 to the Present.....	3

#### Major Course Options – Section B

**Select either six (6) units from Section B, or three (3) units from Section B and three (3) units from Section C (Courses**

**taken to meet Section A above cannot be used to fulfill Section B):**

	<b>Units</b>
ENGL 14 Folklore .....	3
ENGL 15A Creative Writing: Poetry .....	3
ENGL 15B Creative Writing: Fiction .....	3
ENGL/TA 15C Creative Writing: Playwriting.....	3
ENGL/AFRAM 17 African-American Literature.....	3
ENGL/ASAMER 20 Asian American Literature .....	3
ENGL/HUMAN 42 Classic Myths .....	3
ENGL 44A World Literature to the Renaissance .....	3
ENGL 44B World Literature since the Renaissance.....	3
ENGL 45 Contemporary World Literature.....	3
ENGL 46A English Literature to 1800.....	3
ENGL 46B English Literature from 1800 to the Present .....	3
ENGL 48A Introduction to American Literature to 1865.....	3
ENGL 48B Introduction to American Literature 1865 to the Present .....	3
LING 10 Introduction to Language.....	3

<b>Section C</b>		<b>Units</b>
ENGL 12	The Bible as Literature .....	3
ENGL 15D	Creative Writing: Creative Nonfiction.....	3
ENGL/WSTS 36	Women's Literature.....	3
ENGL 40	Themes in Literature .....	3
ENGL 47	Introduction to Shakespeare.....	3

*Notes:*

*Required Major Courses (18-21 units)*

*CSU General Education or IGETC Pattern (39 units)*

*Transferable Electives as needed to reach 60 transferable units*

*DEGREE TOTAL (60 units)*

## GRAPHIC COMMUNICATIONS – FORMERLY PRINTING TECHNOLOGY AND REPROGRAPHICS

### GRAPHIC DESIGN OPTION – MAJOR #8501

*revised program, Fall 2016*

The Graphic Design Option combines aspects of the graphic communication, fine art, and business curricula to provide a foundation in graphic design. The student will receive a background in art, computer graphics and web design with an understanding of the requirements and limitations of production.

#### Associate in Arts and Certificate of Achievement

#### Student Learning Outcome:

1. Demonstrate competency in communication techniques and visual design theory through the use of application specific software and hardware.

#### FIRST YEAR

<b>First Semester</b>		<b>Units</b>
ART 7	Beginning Drawing.....	3
AT 40	Preparing for Employment Opportunities.....	3
GRC 17	Adobe illustrator.....	3
GRC 20	Intro to Applied Graphics .....	3
		Total 12

<b>Second Semester</b>		<b>Units</b>
GRC 15	Web Page Construction 1.....	4
GRC 30	Adobe/InDesign/Professional Publishing.....	3
GRC 31	Photoshop for Graphics.....	3
GRC 39A	Introduction to Graphic Design .....	3
		Total 13

#### SECOND YEAR

<b>First Semester</b>		<b>Units</b>
GRC 14	Adobe Acrobat Professional .....	3
GRC 18	Intro to Production Methods.....	3
GRC 40A	Intermediate Graphic Design .....	3
		Total 9

<b>Second Semester</b>		<b>Units</b>
BA 38	Operation of the Small Business, or	
BA 52	Introduction to Entrepreneurship, or	
MKTG 10	Principles of Marketing, or	
MKTG 11	Selling and Sales Management, or	
MKTG 21	Digital Marketing .....	3
GRC Elective	.....	3
GRC Elective	.....	3
		Total 9

*Electives: GRC 16, 22, 23, 25, 32, 34, 51, 52, 53; PHOTO 6, 12*

## HISTORY

### **HISTORY FOR TRANSFER – MAJOR #7380**

*revised program, Spring 2017*

History is our changing perspective on the past. Historians attempt not only to understand the causes and significance of human actions in the past but also to interpret those past actions to others, through teaching, publications, lectures, exhibits, documentaries, and conversations. Knowledge of history provides insight into human nature, enhances our understanding of the present, and guides choices for the future. The Associate in Arts in History for Transfer degree is designed for students who plan to complete a bachelor's degree in a similar major at a CSU campus. To earn the Associate in Arts in History for Transfer degree, students must complete 60 required semester units of CSU-transferable coursework, including either the CSU-GE Breadth or IGETC requirements and 18 units within the major, with a minimum GPA of 2.0. ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is not an acceptable grade for courses in the major. Local graduation requirements are not required for the transfer degree. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

#### **Associate in Arts**

#### **Student Learning Outcomes:**

1. Analyze and evaluate the validity and significance of historical information from multiple primary and secondary sources.
2. Demonstrate a familiarity with the main figures, events and concepts in the histories of multiple societies.
3. Assess the relative significance of several factors (e.g. race, class, gender, technological change) in shaping the history of multiple societies.

#### **Major Core Courses**

	<b>Units</b>
HIST 11 History of the United States to 1877.....	3
HIST 12 History of the United States since 1877.....	3

#### **List A – Select one of the following:**

	<b>Units</b>
HIST 1/1H Western Civilization to 1648, or .....	3
Honors Western Civilization to 1648 .....	3
HIST 20 World History I, to 1600.....	3

#### **List B – Select one of the following:**

	<b>Units</b>
HIST 2/2H Western Civilization Since 1648, or.....	3
Honors Western Civilization since 1648 .....	3
HIST 23 World History II, since 1500.....	3

#### **List C – Select one of the following:**

	<b>Units</b>
HIST 17 History of the Muslim World to 1405 .....	3
HIST 20 World History I, to 1600.....	3
HIST/WSTS 22 History of American Women.....	3
HIST 23 World History II, since 1500.....	3
HIST 29 History of Mexico, Colonial to Contemporary Period .....	3
HIST/AFRAM 34 History of the American Civil Rights Movement .....	3

*History 20 or 23 may be used for list C only if not used in Lists A or B.*

#### **List D – Select one of the following:**

	<b>Units</b>
HIST 3 History of Ancient Rome.....	3
HIST 15 History of the British Isles .....	3
HIST 18 History of Ancient Greece.....	3
HIST 21 United States Civil War .....	3
HIST 25 History of Religion in the United States .....	3
HIST 30 California History.....	3

## HONORS

### **HONORS PROGRAM COMMENDATION CERTIFICATE – MAJOR #**

*new program, Spring 2017*

A Leon S. Peters Commendation Certificate in Honors will be awarded to Honors students who successfully complete a minimum of 9 units of Honors courses, including 1 colloquium unit, with an overall GPA of 3.2 or better.

#### **Certificate**

#### **Student Learning Outcome:**

1. Demonstrate an understanding and appreciation of social, political, and economic institutions within a historical perspective.
2. Express an understanding of the relationships between science and other human activities.
3. Articulate an understanding of the relationships between the arts, the humanities and themselves.

4. Write clear, logically organized essays using expository and argumentative modes and applying conventions of documentation when appropriate.
5. Apply logical reasoning to make decisions, solve problems, explain conclusions, and evaluate evidence.

**ELECTIVE COURSES**

Select a minimum of 8 units:

	<b>Units</b>
ACCTG 4AH Honors Financial Accounting .....	4
ANTHRO 2H Honors Cultural Anthropology.....	3
ART 5H Honors Art History 1, or.....	3
ART 6H Honors Art History 2.....	3
BA 10H Honors Introduction to Business .....	3
BIOL 3H Honors Introduction to Life Science, or .....	4
BIOL 11AH Honors Biology for Science Majors I .....	5
ECON 40H Honors Introduction to Microeconomics, or .....	3
ECON 50H Honors Introduction to Macroeconomics .....	3
ENGL 1AH Honors Reading and Composition, or .....	4
ENGL 3H Honors Critical Reading & Writing.....	3
HIST 1H Honors Western Civilization to 1648, or .....	3
HIST 2H Honors Western Civilization since 1648, or .....	3
HIST 12H Honors History of the United States since 1877.....	3
HUMAN 10H Honors Classical Humanities, or.....	3
HUMAN 11H Honors Modern Humanities .....	3
PHIL 1AH Honors Theories of Knowledge and Reality.....	3
POLSCI 2H Honors American Government .....	3
PSY 2H Honors General Psychology.....	3
SOC 1AH Honors Introduction to Sociology .....	3

**COLLOQUIA**

Select a minimum of 1 unit:

	<b>Units</b>
HONORS 1A Honors Science Colloquium .....	1
HONORS 1C Honors Humanities Colloquium .....	1
HONORS 1D Honors Business, Economics, and Accounting Colloquium.....	1
HONORS 1E Honors Social Science Colloquium .....	1
HONORS 1F Honors Phi Theta Kappa Colloquium .....	1

**HUMAN SERVICES**

**ALCOHOLISM AND DRUG ABUSE COUNSELING OPTION – MAJOR #7951**

*program revised, Spring 2017*

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 organizations in California.

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 2017*

**Certificate**

**PRE-SOCIAL WORK OPTION – Major #7633**

*revised program, Spring 2017*

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**

	<b>Units</b>
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
	<b>Total 18</b>

**Course Options: Select 12 Units**

	<b>Units</b>
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.

**PRE-SOCIAL WORK OPTION – Major #7633** *revised program, Spring 2017*

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.

<b>Required Core Courses</b>		<b>Units</b>
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
		<b>Total 18</b>

**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, or	
PHIL 1C	Ethics .....	3
SOC 1A/1AH	Introduction to Sociology, or	
	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.

## JOURNALISM

### **JOURNALISM – MAJOR #5351**

*revised program, Spring 2017*

The Journalism Major at Fresno City College is designed to introduce students to the mass media, both as consumers and as potential practitioners. The program focuses on the theory and practice of gathering, processing, and delivering news and that prepares individuals to be professional print journalists, news editors, and news managers. It includes instruction in news writing and editing; reporting; photojournalism; layout and graphic design; journalism law and policy; professional standards and ethics; and journalism history and criticism. All students are encouraged to meet with a counselor.

### **Associate in Arts**

#### **Student Learning Outcomes:**

1. Demonstrate an understanding of journalistic responsibility.
2. Analyze the impact of mass media on American society and its diverse communities.
3. Describe how the major mass media operate and comprehend their contribution to American society and the world.
4. Write and edit news stories.
5. Meet journalistic deadlines.
6. Demonstrate the uses of photography, graphics and newspaper layout in media productions.

#### **Required Core Courses**

#### **Units**

JOURN 1	Introduction to Mass Communication .....	3
JOURN 3	Newswriting .....	3
JOURN 16	Race, Gender and the Media.....	3

#### **Department Publication Requirement**

**(Select six units or two courses):**

#### **Units**

JOURN 4	Writing for the College Newspaper.....	3
JOURN 6	Magazine Production .....	3
JOURN 11A	Beginning Media Writing Practicum .....	3
JOURN 11B	Intermediate Media Writing Practicum.....	3
JOURN 11C	Advanced Media Writing Practicum .....	3
JOURN 11D	Editorial Leadership .....	3
JOURN 12	Online Newspaper Staff .....	3

#### **Complete a total of twelve (12) units from the courses listed below:**

#### **Units**

ART 5	Art History 1 .....	3
GRC 41	Visual Communications.....	3
JOURN 15	Basic Editing for Journalists.....	3
JOURN 19	Work Experience (Cooperative), Occupational .....	1-8
PHIL 1C	Ethics .....	3
PHOTO 30	Editorial Photography.....	3
JOURN 13	Advanced Reporting and Writing .....	3
JOURN 14	Multimedia Reporting .....	3
JOURN 2	Interpreting Current Events.....	3

**JOURNALISM FOR TRANSFER – MAJOR #5355**

*revised program, Spring 2017*

The Associate in Arts in Journalism for Transfer degree is designed for students who plan to complete a bachelor's degree in a similar major at a CSU campus. To earn the Associate in Arts in Journalism for Transfer degree, students must complete 60 required semester units of CSU-transferable coursework, including either the CSU-GE Breadth or IGETC requirements and 18 semester units within the major. Students must maintain a minimum 2.0 GPA, including grades of C or higher in each course taken to fulfill the major. Local graduation requirements are not required for the transfer degree. ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

**Associate in Arts**

**Student Learning Outcomes:**

1. Demonstrate an understanding of journalistic responsibility.
2. Describe how the major mass media operate and analyze its impact on American society and its diverse communities.
3. Demonstrate the uses of photography, graphics and multimedia tools in media productions.
4. Report, write and edit news stories for multimedia and meet journalistic deadlines.

**Core Courses (3 courses or 9 units)**

**Units**

JOURN 1	Introduction to Mass Communication .....	3
JOURN 3	Newswriting .....	3
JOURN 11A	Beginning Media Writing Practicum, or .....	3
JOURN 4	Writing for the College Newspaper .....	3

**List A – Select 3 units or 1 course from the following:**

**Units**

JOURN 11B	Intermediate Media Writing Practicum.....	3
JOURN 11C	Advanced Media Writing Practicum .....	3
JOURN 11D	Editorial Leadership .....	3
JOURN 13	Advanced Reporting and Writing .....	3
JOURN 14	Multimedia Reporting .....	3
PHOTO 30	Editorial Photography.....	3

**List B – Select 6-7 units or 2 courses from the following:**

**Units**

COMM 1	Introduction to Public Speaking .....	3
COMM 25	Argumentation .....	3
ENGL 3	Critical Reading & Writing, or.....	3
ENGL 3H	Honors Critical Reading & Writing.....	3
ECON 40	Introduction to Microeconomics .....	3
ECON 40H	Honors Introduction to Microeconomics .....	3
ECON 50	Introduction to Macroeconomics, or .....	3
ECON 50H	Honors Introduction to Macroeconomics .....	3
JOURN 16	Race, Gender and the Media.....	3
MATH/PSY 42	Statistics for the Behavioral Sciences, or .....	4
MATH 11	Elementary Statistics, or.....	4
DS 23	Business Statistics .....	3
PHIL 6	Symbolic Logic.....	3
POLSCI 2/2H	American Government, or .....	3
	Honors American Government.....	3

*Note: Students should avoid accumulating additional journalism units as they complete their AA-T degree (which requires 60 units). Additional units will create graduation problems at the upper division. Many programs require 80 units outside of journalism for the degree and each CSU may require up to 28 upper division units in the major.*

**LIBERAL ARTS**

**LIBERAL ARTS DEGREE WITH AN EMPHASIS IN HISTORY/POLITICAL SCIENCE – MAJOR #5141**

*revised program, Spring 2017*

This program is designed to acquaint students with the methodologies of history and political science and to increase their awareness of the foundations of social, cultural, and political aspects of modern society.

**Associate in Arts Degree**

**Student Learning Outcomes:**

1. Be familiar with and be able to analyze the foundations of modern institutions.
2. Be familiar with and be able to analyze the political process.
3. Be familiar with the cultural diversity of society and be able to gauge its significance in politics and history.

**Select 18 units with 9 units from each discipline:**

**Units**

HIST 1/1H	Western Civilization to 1648, or .....	3
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	Honors Western Civilization to 1648 .....	3
HIST 2/2H	Western Civilization Since 1648, or.....	3
	Honors Western Civilization since 1648 .....	3
HIST 3	History of Ancient Rome.....	3
HIST 11	History of the United States to 1877.....	3
HIST 12/12H	History of the United States since 1877, or.....	3
	Honors History of the United States since 1877.....	3
HIST 15	History of the British Isles.....	3
HIST 17	History of the Muslim World to 1405 .....	3
HIST 18	History of Ancient Greece.....	3
HIST 20	World History I, to 1600.....	3
HIST/WSTS 22	History of American Women.....	3
HIST 23	World History II, since 1500.....	3
HIST 25	History of Religion in the United States .....	3
HIST/CLS 29	History of Mexico .....	3
HIST 30	California History.....	3
HIST/AFRAM 34	History of the American Civil Rights Movement .....	3
POLSCI 1	Modern Politics .....	3
POLSCI 2/2H	American Government, 3.....	3
	Honors American Government.....	3
POLSCI 5	Comparative Government .....	3
POLSCI 24	International Relations.....	3
POLSCI 13	Legal and Judicial Reasoning.....	3
POLSCI 25	Model United Nations.....	3

**LIBERAL ARTS DEGREE WITH AN EMPHASIS IN SPANISH – MAJOR #5183** *revised program, Spring 2017*

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:**

<b>Non-native speakers</b>		<b>Units</b>
SPAN 2	High-Beginning Spanish.....	5
SPAN 3	Intermediate Spanish .....	5
SPAN 4	High-Intermediate Spanish .....	5

OR

<b>Native speakers</b>		<b>Units</b>
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

### INTERNET MARKETING – MAJOR #

*new program, Spring 2017*

A step incentive certificate signifying proficiency in internet marketing as part of a digital marketing strategy that will help a student learn to engage customers and build brand awareness through the create and maintenance of digital assets.

#### Certificate of Achievement

#### Student Learning Outcomes:

1. Develop a digital marketing plan.
2. Apply effective leadership skills while managing marketing functions within a business enterprise.
3. Apply emerging technologies to business and administrative processes.
4. Perform production operations including asset management, simple art work, scanning, image enhancement, and page layout.

#### Required Core Courses

	<b>Units</b>
BT 33 Social Media and Emerging Technologies in the Workplace ...	3
GRC 20 Intro to Applied Graphics, or .....	3
GRC 15 Web Page Construction1.....	4
MKTG 10 Principles of Marketing .....	3
MKTG 21 Digital Marketing .....	3
	Total 12-13

### MARKETING, RETAIL MANGAGEMENT – MAJOR #2055

*revised program, Spring 2017*

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

	<b>Units</b>
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

	<b>Units</b>
BA 31 Human Resource Management .....	3
BT 131 Applied Accounting, or	
ACCTG 4A Financial Accounting .....	3.5-4
MKTG 10 Principles of Marketing .....	3
MKTG 14 Retailing .....	3

## MEDICAL ASSISTANT - CLINICIAN

### MEDICAL ASSISTANT - CLINICIAN – MAJOR #2121

*new program, Spring 2017*

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).*

## NURSING, REGISTERED

### NURSING, REGISTERED – MAJOR #4520

*revised program, Fall 2016*

The profession of registered nursing involves the provision of health care services, both direct and indirect, that focus on the maintenance, promotion and restoration of health. This includes basic health care to help people cope with difficulties in daily living that are associated with actual or potential problems of health, illness or the treatment thereof. Nursing is a dynamic problem-solving profession that focuses on the response of the individual to health problems. The practice of registered nursing requires a substantial amount of scientific knowledge and technical skills as well as leadership and managerial abilities. Students attend classes on the Fresno City College campus. Nursing experience is provided in selected local hospitals and health agencies.

#### APPLICATION REQUIREMENTS

Enrollment in the Registered Nursing Program is limited. Minimum qualifications for selection must be met. There are no restrictions as to age, race, sex or marital status. Prior to the final date for filing an application to the program, the applicant must have:

1. Graduated from high school with a minimum grade point average of “C+” (2.5) or better in high school work or completed the General Educational Development (GED) test with an average standard score of 45.
2. Completed Chemistry 3A or equivalent with a grade of “C” or better.
3. Completed Biology 20, Human Anatomy, and Biology 22, Human Physiology, (or Biology 21A and 21B, Human Anatomy and Physiology) with a grade of “C” or better in each course.
4. Completed Biology 31, Microbiology, with a grade of “C” or better.
5. Completed Sociology 1A, Introduction to Sociology, or Anthropology 2, Cultural Anthropology, and Psychology 2, General Psychology, with grades of “C” or better in each course.
6. Completed English 1A, Reading and Composition, with a grade of “C” or better.
7. Completed Math 103, Intermediate Algebra, or a more advanced math course with a grade of “C” or better.
8. Attained a cumulative grade point average (GPA) of “C+” (2.5) or better in completed college work.
9. Completed an Academic Summary Form for the Registered Nursing Program and be prepared to furnish transcripts when requested to do so.
10. No physical impairment that would preclude the performance of all registered nurse duties.
11. Good physical and mental health.
12. Passed the Test of Essential Academic Skills (TEAS) with an overall score of 62% or better. The TEAS may only be taken twice with a minimum of 90 days between the attempts.

Notes: 1. The college GPA and college courses of an applicant will have precedence over an applicant’s high school GPA and courses.

2. Prior to registration for the semester in which the applicant is scheduled to take courses in the Registered Nursing Program, the student must submit evidence of physical examination, current immunizations, and freedom of TB by a licensed physician. The student is also required to attend a mandatory orientation meeting before the start of the semester.

3. Students may be required to complete a background check.

**CHANGE OF NAME, ADDRESS, AND/OR TELEPHONE NUMBER**

Applicants and nursing students must keep the Nursing Education Office informed of any change in name, address, and/or telephone number. Failure of applicants to inform the Nursing Education Office of changes may result in loss of entry into the program.

**VOCATIONAL NURSING ARTICULATION**

Procedures and application requirements specific to vocational nurse articulation into the Registered Nursing Program are available upon request.

**PREVIOUS EDUCATION IN NURSING**

Any person desiring to enter the Fresno City College Registered Nursing Program by transfer or challenge will be evaluated on an individual basis after all college general requirements for transfer or challenge have been met. The college has written policies and procedures for academic training in registered nursing programs. Individuals who have completed vocational nursing programs and persons having other education in the field of nursing should contact the Director of Nursing for specific information.

**PRENURSING PREPARATION**

Prenursing students planning to transfer to four-year programs in other schools should consult the catalog of the transfer school.

**ACADEMIC REQUIREMENTS**

All program entry requirement courses listed above must be completed with a grade of “C” or better. In order to be eligible to apply for licensure as a Registered Nurse and to take the National Council Licensure Examination–RN, all other courses leading to the associate degree must also be completed with a grade of “C” or better. Students in the nursing program must earn a “C” grade or better (or a “Credit” grade when applicable) in all required nursing courses. Less than a “C” or a “Pass” grade in any required nursing course necessitates repeating the course before continuing with the major. Registered Nursing courses must be repeated in their entirety. Course repeatability and failure policy will be followed as outlined in the Registered Nursing Student Handbook. Safe nursing practice is necessary for retention of students in the program. If, based on the professional judgment of the faculty, a student demonstrates that he/she is unsuited to nursing, is not progressing satisfactorily or is engaged in unethical, unprofessional, or illegal practices, he/she may be asked to withdraw from the program.

**STATE LICENSE**

The successful completion of the prescribed registered nursing course sequence in addition to the other licensure and/or degree requirements qualifies the graduate for an associate in science degree and eligibility to apply for licensure as a Registered Nurse.

**RESPIRATORY CARE PRACTITIONER**

**RESPIRATORY CARE PRACTITIONER – MAJOR #4520**

*revised program, Fall 2016*

The respiratory care practitioner (RCP) is a health care specialist involved in managing, diagnostically evaluating, and providing care to patients with deficiencies and abnormalities affecting their cardiopulmonary system. Respiratory care practitioners comprise a critical sector of the allied health care workforce. Next to nurses, RCPs are the most frequently seen health care provider at the patient bedside. Enrollment is limited in the Respiratory Care Practitioner Program. There are no restrictions as to age, race, or marital status. The program is lottery based. In order to qualify for admission to the program, the applicant must have met all of the following conditions: Application Requirements: Minimum prerequisite requirements for application to the Respiratory Care Practitioner Program follow. 1. Graduated from high school with a minimum grade point average (GPA) of 2.0 or completed the General Educational Development test with an average standard score of 45. 2. Completed the following prerequisites with a C or better: Biology 31, Biology 20 and Biology 22 or Biology 21A and Biology 21B, Chemistry 3A, Mathematics 103. Advisory of English 1A. 3. Have attained a minimum cumulative grade point average (GPA) of 2.5 in completed college work. 4. Have no physical impairment that would preclude the performance of any respiratory care practitioner duties. 5. Be in good physical and mental health. 6. Complete application for the RCP program. Applications may be pick up at the Allied Health, Physical Education and Athletics division office. 7. Return the completed application to the division office by the deadline. The application period may be found on the Fresno City website. 8. Background checks are mandatory. 9. Program orientation is mandatory. 10. Safe professional practice is necessary for retention of students in the program. If a student demonstrates that he or she is unsuited to the profession or is not progressing satisfactorily based on the professional judgment of the faculty, the student may be asked to withdraw from the program.

**Associate in Science**

**Student Learning Outcome:**

1. Successful completion of the Registered Respiratory Therapist credential through the National Board of Respiratory Care within six months of graduation.

Respiratory Care course sequence (all must be completed with a “C” grade or better):

**FIRST YEAR**

**First Semester**

	<b>Units</b>
RCARE 16 Patient Assessment .....	3
RCARE 17 Respiratory Care Pharmacology .....	4
RCARE 20 Introduction to Respiratory Care .....	5

<b>Second Semester</b>		<b>Units</b>
RCARE 18	Physiology of the Respiratory System.....	4
RCARE 21	Applications and Procedures in Respiratory Care.....	10.5

**SECOND YEAR**

<b>First Semester</b>		<b>Units</b>
RCARE 22	Clinical Applications and Ventilator Management In Respiratory Care.....	9
RCARE 24	Neonatal and Pediatric Diseases .....	2

<b>Second Semester</b>		<b>Units</b>
RCARE 23	Clinical Applications in Respiratory Care II.....	9
RCARE 25	Respiratory Disease.....	2

**RESPIRATORY CARE PRACTITIONER PROGRAM REQUIREMENTS**

(A "C" or better grade is required in each course.)

In addition to the program application requirements and the Respiratory Care course sequence requirements, the following courses are required to apply for the associate degree:

	<b>Units</b>
PHYSC 11	Introductory Physical Science..... 3

*Note: All applications requirements, program requirements, and selection criteria are subject to change. Students will enter the selection pool based on the current catalog or catalog supplement. Contact a Fresno City College Health Science Counselor every semester for current information.*

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# COURSE DESCRIPTIONS

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*Changes to Pages 214-366*

## Courses

### Administration of Justice (AJ)

**Change: units, hours**

*effective Spring 2017*

**222 Internal Affairs Investigator, 1 unit, 25.2 lecture hours, (1 week), (Pass/No Pass)**

**New course**

*effective Fall 2016*

**233 AR-15 Armorer Course, 0.4 unit, 1.4 lab hours, (Pass/No Pass)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. Must be able to demonstrate physical ability to use a firearm in a safe manner. Must obtain a Department of Justice clearance for firearms possession prior to entering a POST approved course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this, course students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Knowledge of proper and safe firearms handling; knowledge of, and familiarity with, the everyday use, vehicle racking, storage environments, and handling of the patrol rifle; ability to achieve a qualifying score during AR-15 shooting to ensure scoping of a rifle; knowledge of, and familiarity with, the nomenclature of a common patrol rifle used in policing; the ability to manipulate small tools during assemble and disassemble of the patrol rifle; knowledge of proper and safe tactical movement while carrying a AR-15 patrol rifle; knowledge of, and familiarity with, case law pertinent to law enforcement patrol rifles and legal adjustments; ability to perform CPR and First Aid techniques.

Knowledge, skill, and abilities to perform disassemble, assemble, inspection, repair, installation of parts, safety check, use proper tools, function check the AR-15/M-16 patrol rifle.

**New course**

*effective Fall 2016*

**233F Wilderness Tracking, 0.3 unit, 20.8 lab hours, (1 week), (Pass/No Pass)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Possession of a valid California Driver's License; Knowledge of, and familiarity with, the Incident Command System used by public safety; Knowledge of GPS handheld devices; experience with survival techniques and equipment used in woodland and mountainous terrain; Knowledge of, and familiarity with, backpacking equipment used in mountainous terrain; Knowledge of, and familiarity with public safety radio use; currently certified to perform CPR and First Aid; Knowledge of, and familiarity with, officer safety techniques pertaining to contacting wanted suspect hiding in the wilderness.

Train students involved in active search and rescue or wanted suspects, in techniques of person tracking in mountainous terrain, both day and night operational tracking.

**New course**

*effective Fall 2016*

**233G Electronic Weapons, 0.1 unit, 6.2 lab hours, (1 week), (Pass/No Pass)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Knowledge of range safety guidelines associated with non-lethal weapons; knowledge of Penal code sections related to use of force in policing; knowledge of emotional response during an arrest process; knowledge of, and familiarity with sustained physical performance demands on law enforcement officers during arrest of resistive subject situations; knowledge of proper and safe arrest and control techniques; knowledge of, and familiarity with, the use of force continuum pertaining to policing; knowledge and ability to use handcuffing commonly used in policing; knowledge of effective verbal communication used in law enforcement; knowledge of effective non-verbal communication used in law enforcement; knowledge of, and familiarity with,

case law pertinent to law enforcement use of non-lethal weapons; knowledge of report writing related to police use of force reports; ability to perform CPR and First Aid techniques.

Training in use of conducted energy weapons including TASER X26E, X26P and effects of electricity on biological systems, central nervous system and case law regarding the use of electronic weapons.

***New course***

***effective Fall 2016***

**233H Driving (PSP), 0.1 unit, 0.06 lecture hour, 0.41 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Possession of a valid California Driver's License; knowledge of, and familiarity with sustained physical performance demands and stress on law enforcement officers under emergency driving situations; knowledge of, and familiarity with, California Vehicle codes used in law enforcement emergency driving, knowledge of effective radio communication used in law enforcement pursuit driving; knowledge of, and experience driving a law enforcement emergency vehicle; knowledge of how perception and reaction time affects a vehicle's total stopping distance; knowledge of, and familiarity with, the importance and proper use of safety belts in a law enforcement vehicle; knowledge of Fresh and Stale lights at intersections; knowledge of a space cushion surrounding a vehicle; knowledge of the components of a vehicle inspection; knowledge of and familiarity with, the use of code 3 light and siren equipment commonly used in law enforcement; knowledge of, and familiarity with, case law pertinent to law enforcement emergency driving; ability to perform CPR and First Aid techniques.

Meets the 4-hour PSP requirements for patrol vehicle operations, course will consist of both slow speed exercises and pursuit training.

***New course***

***effective Fall 2016***

**233J Advanced Officer Course, 0.1 unit, 0.06 lecture hour, 0.24 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this, course students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Knowledge of blood borne pathogens as they pertain to law enforcement services; Certified to carry and deploy a law enforcement TASER; ability to perform CPR and First Aid techniques; knowledge of, and experience with, law enforcement suspect containment during criminal in-progress crimes; knowledge of, and familiarly with, proper and safe tactical movement pertaining to policing; knowledge of, and experience with, law enforcement mindset during policing operations; Knowledge of, and experience with, proper police driving techniques.

5-hour course, updated instruction on officer mindset, perimeters, yearly updates for electronic weapons and California OSHA blood borne pathogens.

***New course***

***effective Fall 2016***

**233L Training Conference, 0.1-0.3 unit, 8.4-16.8 lab hours, (1 week), (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the Division Dean, Director or their representative. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Course requires extensive knowledge of all types of police operations, due to the large umbrella of liability covering a wide variety of law enforcement daily operations. The student will need to possess deep operational knowledge because in part, he or she will be called upon to make judgements regarding the involvement of police operations. Students will also be required to have detailed knowledge of California law, case law, evidence collection, and criminal justice procedures. Knowledge of, and familiarity with, proper use of force during law enforcement operations; knowledge of proper use of verbal and non-verbal communication used in law enforcement contacts with the public; knowledge of, and familiarity with, current case law related to proper law enforcement procedures in daily policing; knowledge of the proper use of police weaponry as it pertains to its use in daily policing; Knowledge of the rank structure in policing; knowledge, and familiarity of, local, state, and federal laws, and policies, pertaining to law enforcement.

8-16 hour course provides an overview of managing risk in the high-risk world of law enforcement operations, focusing on civil liability, training, and use of force.

**New course****effective Spring 2017****233M Patrol Canine Handler Update, 0.5 unit, 1.8-2.23 lab hours, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. Certified law enforcement canine handler. These skills and knowledge base are related to adopted POST and/or industry standards. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.

Course contains legal updates, safety concerns, obedience training, canine personalities, handling techniques, search techniques, environmental concerns, person apprehensions, first aid, and documentation for handlers of patrol canines.

**New course****effective Spring 2017****233N Search and Rescue Training Update, 0.5 unit, 1.78-2.23 lab hours, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are related to adopted POST and/or industry standards. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.

Law Enforcement search and rescue techniques, rope training, rescue equipment, patient packaging, navigation, tracking, survival skills and field operations.

**New course****effective Spring 2017****233O Underwater Search and Recovery Update, 0.5 unit, 1.8-2.23 lab hours, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are related to adopted POST and/or industry standards. Students must be advanced law enforcement certified SCUBA divers. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.

Underwater search and recovery techniques for SCUBA diving in poor conditions, search and navigating underwater, and utilizing a helicopter during a search.

**New course****effective Spring 2017****233P Search & Rescue Inclement Weather Update, 0.5 unit, 1.8-2.23 lab hours, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are related to adopted POST and/or industry standards. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.

Law Enforcement search and rescue techniques for rescue of persons in swift water environments, snow, inclement weather, various terrains and interaction with helicopter or air support.

**New course****effective Fall 2016****245B Baton User Update, 0.1 unit, 0.06 lecture hour, 0.18 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the Division Dean, Director or their representative. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Knowledge of, and familiarity regarding officer safety related to police baton use; knowledge of proper and safe tactical movement related to police baton use; knowledge of, and familiarity with sustained physical performance demands on law enforcement officers under physical situations; knowledge of proper and safe arrest and control techniques related to police baton; knowledge of, and familiarity with, California Penal codes used in law enforcement use of force pertaining to the police baton; knowledge of effective verbal and non-verbal communication used in law enforcement during arrest procedure related to the police baton; ; knowledge of, and familiarity with, case law pertinent to law enforcement related to the use of the police baton; ability to perform CPR and First Aid techniques; knowledge of proper documentation in police reports pertaining to the use of the police baton.

Update users of the police straight or expandable baton that have been previously certified to carry a police baton.

**New course****effective Fall 2016****245C Canine Agitator, 0.1 unit, 8.4 lab hours, (1 week), (Pass/No Pass)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point or advanced student training that builds upon them. These minimum skill levels are:

Course requires extensive knowledge of all types of law enforcement incidents, crime scenes and emergency environments that police canines are deployed. Students must be experienced in the behaviors of police canine during in the field



deployments. A student relies on patrol experiences with knowledge and familiarity with the Penal code, Vehicle code, Health & Safety code, knowledge and familiarity with case law pertaining to canine policing; knowledge and familiarity with collection of evidence; knowledge and familiarity with criminal suspect's rights; be in good physical condition to move quickly, have agilely and strength to endure canine strikes; certified for CPR and First Aid.

Properly read the drive and react to police canines during active training of police dogs in the service of law enforcement, use agitation equipment, understand protection dogs.

**New course****effective Fall 2016****245H PIT Instructor, 0.1 unit, 8.4 lab hours, (1 week), (Pass/No Pass)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Possession of a valid California Driver's License; knowledge of, and familiarity with sustained physical performance demands and stress on law enforcement officers under emergency driving situations; knowledge of, and familiarity with, California Vehicle codes used in law enforcement emergency and pursuit driving, knowledge of effective radio communication used in law enforcement pursuit driving; knowledge of, and experience driving a law enforcement emergency vehicle; knowledge and familiarity with, case law pertinent to law enforcement emergency driving; ability to perform CPR and First Aid techniques.

Satisfies POST PAM 1070 requirements to teach law enforcement PIT.

**New course****effective Fall 2016****245I Driver Training/EVOC/PIT Update, 0.1 unit, 0.46 lab hours, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this, course students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Possession of a valid California Driver's License; knowledge of, and familiarity with sustained physical performance demands and stress on law enforcement officers under emergency driving situations; knowledge of, and familiarity with, California Vehicle codes used in law enforcement emergency and pursuit driving, knowledge of effective radio communication used in law enforcement pursuit driving; knowledge of, and experience driving a law enforcement emergency vehicle; knowledge and familiarity with, case law pertinent to law enforcement emergency driving; ability to perform CPR and First Aid techniques.

Satisfies POST PAM requirement for driver's update, legal aspects, implementation of PIT and EVOC.

**New course****effective Fall 2016****245J Driver Training Simulator, 0.1 unit, 0.06 lecture hour, 0.18 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Course requires extensive knowledge of driving a marked law enforcement vehicle in all types of environmental considerations and response classifications, such as code 3. Possession of a valid California Driver's License; knowledge of, and familiarity with sustained physical performance demands and stress on law enforcement officers under emergency driving situations; knowledge of, and familiarity with, California Vehicle codes used in law enforcement emergency and pursuit driving, knowledge of effective radio communication used in law enforcement pursuit driving; knowledge of, and experience driving a law enforcement emergency vehicle; knowledge and familiarity with case law pertinent to law enforcement emergency driving; knowledge and familiarity with proper steer and braking techniques; knowledge and familiarity with interior patrol vehicle restrictions/limitations while driving such vehicles; knowledge and familiarity with proper radio use and procedures during emergency responses or vehicle pursuits.

Using a law enforcement training simulator, train students in seatbelt, steering, breaking, weight transfer, road position, speed judgment, throttle usage, defensive driving in various scenarios.

**New course****effective Fall 2016****245K Driving/Force Option Simulator Combo, 0.1 unit, 0.47 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the Division Dean, Director or their representative. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Course requires extensive knowledge of all types of police interactions with resistive subjects during law enforcement contacts, a law enforcement officer has a wide variety of contacts that they by law or policy must respond to, a student must have knowledge of multitasking within short periods of time, knowledge and familiarity with Penal and Health & Safety codes, knowledge and familiarity with safe tactical movement, knowledge and familiarity with verbal and non-verbal communication; knowledge and familiarity with case law pertinent to police use of force; knowledge and familiarity with arrest and control techniques; knowledge and familiarity with use of police handcuffing procedures; knowledge and familiarity with the use of the police baton; knowledge and familiarity with police handguns, shotguns and rifles; knowledge and familiarity with the physical requirements associated with policing; knowledge and familiarity with radio procedures during stressful event in policing; knowledge of and familiarity with case law related to use of force in policing; Possession of a valid California Driver's License; knowledge of, and familiarity with sustained physical performance demands and stress on law enforcement officers under emergency driving situations; knowledge of, and familiarity with, California Vehicle codes used in law enforcement emergency and pursuit driving, knowledge of effective radio communication used in law enforcement pursuit driving; knowledge of, and experience driving a law enforcement emergency vehicle; knowledge and familiarity with case law pertinent to law enforcement emergency driving; knowledge and familiarity with proper steer and braking techniques; knowledge and familiarity with interior patrol vehicle restrictions/limitations while driving such vehicles; knowledge and familiarity with proper radio use and procedures during emergency responses or vehicle pursuits.

Satisfies the POST PAM requirement for updated simulator training in driving and use of force for law enforcement.

**New course****effective Fall 2016****245L Drug Facilitated Sexual Assault, 0.3 unit, 16.8 lab hours, (1 week)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Course requires extensive knowledge of all types of police crime scenes, because as a generalist patrol officer you have a wide variety of investigative responsibilities. Patrol officers and detectives require an extensive knowledge of investigating sexual assaults incidents. A officer relies on their past academy and patrol experience with knowledge and familiarity with the Penal code, Vehicle code, Health & Safety code, knowledge and familiarity with case law pertaining to policing; knowledge and familiarity with collection of evidence; knowledge and familiarity with criminal suspect's rights; knowledge and familiarity with the chain of evidence in policing; knowledge and familiarity with fingerprint identification, impressions, collection procedures pertaining to policing; knowledge and familiarity with legal authority; knowledge and familiarity with generating crime scene notes that document observations, scene conditions and investigative actions pertaining to policing; knowledge and familiarity with systematic methods to search crime scenes pertaining to policing; knowledge and familiarity with crime scene diagramming; knowledge and familiarity with interviewing and interrogation of subjects pertaining to policing; certificate to use NCIC as part of criminal investigations.

Training for law enforcement patrol officers and detectives related to sexual assaults related to the use of drugs to commit sexual assault, drugs, evidence collection, suspect interview, and related laws.

**New course****effective Fall 2016****245N Firearms Instructor Update, 0.4 unit, 25.2 lab hours, (1 week), (Pass/No Pass)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. Must be able to demonstrate physical ability to use a firearm in a safe manner. Must obtain a Department of Justice clearance for firearms possession prior to entering a POST approved course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Knowledge of proper and safe firearms handling; ability to achieve a qualifying score during hand gun shooting; ability to achieve a qualifying score during shotgun training; ability to achieve a qualifying score during AR 15 shooting; knowledge of proper and safe tactical movement; knowledge of, and familiarity with sustained physical performance demands on law enforcement officers under emergency and stressful situations; knowledge of proper weapons transitioning techniques; knowledge of proper and safe handling and use of nonlethal weapons; knowledge of, and familiarity with, California Penal codes used in law enforcement; knowledge of effective verbal communication used in law enforcement; knowledge of effective non-verbal communication used in law enforcement pertaining to use of force warnings; knowledge of, and familiarity with, case law pertinent to law enforcement shootings; ability to perform CPR and First Aid techniques.

Updates currently certified POST Firearm Instructors, course contains, psychology of survival for trainers, pistol update, rifle update, shotgun update, adult learning concepts, instructor liability and vehicle tactics.

**New course****effective Fall 2016****245O Tactical Handgun, 0.1 unit, 0.06 lecture hour, 0.25 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. Must be able to demonstrate physical ability to use a firearm in a safe manner. Must obtain a Department of Justice clearance for firearms possession prior to entering a POST approved course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Knowledge of proper and safe firearms handling; ability to achieve a qualifying score during hand gun shooting; ability to achieve a qualifying score during shotgun training; ability to achieve a qualifying score during AR 15 shooting; knowledge of proper and safe tactical movement; knowledge of, and familiarity with sustained physical performance demands on law enforcement officers under emergency and stressful situations; knowledge of proper weapons transitioning techniques; knowledge of proper and safe handling and use of nonlethal weapons; knowledge of, and familiarity with, California Penal codes used in law enforcement; knowledge of effective verbal communication used in law enforcement; knowledge of effective non-verbal communication used in law enforcement pertaining to use of force warnings; knowledge of, and familiarity with, case law pertinent to law enforcement shootings; ability to perform CPR and First Aid techniques.

Handgun training, marksmanship, loading drills, shooting on the move, multiple targets, threat assessment, barricades, team shooting, shooting from vehicles.

**New course****effective Fall 2016****245P Tactical Rifle Advanced, 0.1 unit, 0.47 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. Must be able to demonstrate physical ability to use a firearm in a safe manner. Must obtain a Department of Justice clearance for firearms possession prior to entering a POST approved course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Knowledge of proper and safe firearms handling; ability to achieve a qualifying score during hand gun shooting; ability to achieve a qualifying score during shotgun training; ability to achieve a qualifying score during AR 15 shooting; knowledge of proper and safe tactical movement; knowledge of, and familiarity with sustained physical performance demands on law enforcement officers under emergency and stressful situations; knowledge of proper weapons transitioning techniques; knowledge of proper and safe handling and use of nonlethal weapons; knowledge of, and familiarity with, California Penal codes used in law enforcement; knowledge of effective verbal communication used in law enforcement; knowledge of effective non-verbal communication used in law enforcement pertaining to use of force warnings; knowledge of, and familiarity with, case law pertinent to law enforcement shootings; ability to perform CPR and First Aid techniques.

Advanced rifle techniques, shooting drills, multiple targets, weapons safety, shooting positions, sight picture, distance shooting and angles.

**New course****effective Fall 2016****245Q Tactical Rifle Update, 0.1 unit, 0.47 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. Must be able to demonstrate physical ability to use a firearm in a safe manner. Must obtain a Department of Justice clearance for firearms possession prior to entering a POST approved course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Knowledge of proper and safe firearms handling; ability to achieve a qualifying score during hand gun shooting; ability to achieve a qualifying score during shotgun training; ability to achieve a qualifying score during AR 15 shooting; knowledge of proper and safe tactical movement; knowledge of, and familiarity with sustained physical performance demands on law enforcement officers under emergency and stressful situations; knowledge of proper weapons transitioning techniques; knowledge of proper and safe handling and use of nonlethal weapons; knowledge of, and familiarity with, California Penal codes used in law enforcement; knowledge of effective verbal communication used in law enforcement; knowledge of effective non-verbal communication used in law enforcement pertaining to use of force warnings; knowledge of, and familiarity with, case law pertinent to law enforcement shootings; ability to perform CPR and First Aid techniques.

Update methods of tactical rifle, weapon safety, sight picture, tactical considerations, sling carry positions, moving target methods and shooting drills.

**New course****effective Fall 2016****245R Tactical Rifle 1<sup>st</sup> Responder, 0.3 unit, 0.93 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. Must be able to demonstrate physical ability to use a firearm in a safe manner. Must obtain a Department of Justice clearance for firearms possession prior to entering a POST approved course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Knowledge of proper and safe firearms handling; ability to achieve a qualifying score during hand gun shooting; ability to achieve a qualifying score during shotgun training; ability to achieve a qualifying score during AR 15 shooting; knowledge of proper and safe tactical movement; knowledge of, and familiarity with sustained physical performance demands on law enforcement officers under emergency and stressful situations; knowledge of proper weapons transitioning techniques; knowledge of proper and safe handling and use of nonlethal weapons; knowledge of, and familiarity with, California Penal codes used in law enforcement; knowledge of effective verbal communication used in law enforcement; knowledge of effective non-verbal communication used in law enforcement pertaining to use of force warnings; knowledge of, and familiarity with, case law pertinent to law enforcement shootings; ability to perform CPR and First Aid techniques.

1st Responders tactical rifle training, deployment considerations, threat assessment, barricade shooting, distance shooting, stress shooting, team and tandem shooting.

**New course****effective Fall 2016****245S Tactical Shotgun, 0.1 unit, 0.47 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. Must be able to demonstrate physical ability to use a firearm in a safe manner. Must obtain a Department of Justice clearance for firearms possession prior to entering a POST approved course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Knowledge of proper and safe firearms handling; ability to achieve a qualifying score during handgun shooting; ability to achieve a qualifying score during shotgun training; knowledge of, and familiarity with, sustained physical performance demands on law enforcement officers under emergency and stressful situations; knowledge of, and familiarity with, the use of force continuum related to policing; knowledge of proper weapons transitioning techniques; knowledge of proper and safe handling while transitioning weapons; knowledge of effective verbal communication used in law enforcement; knowledge of effective non-verbal communication used in law enforcement pertaining to use of force warnings; knowledge of, and familiarity with, case law pertinent to law enforcement shootings; ability to perform CPR and First Aid techniques.

Tactical use of the patrol shotgun, safety, effectiveness, shooting positions, loading/unloading, carry positions, shooting on the move, transitioning drills, multiple targets and shotgun manipulation.

**New course****effective Fall 2016****245T Tactical Handgun Advanced, 0.1 unit, 0.47 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. Must be able to demonstrate physical ability to use a firearm in a safe manner. Must obtain a Department of Justice clearance for firearms possession prior to entering a POST approved course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Knowledge of proper and safe firearms handling; ability to achieve a qualifying score during handgun shooting; ability to achieve a qualifying score during shotgun training; knowledge of, and familiarity with, sustained physical performance demands on law enforcement officers under emergency and stressful situations; knowledge of, and familiarity with, the use of force continuum related to policing; knowledge of proper weapons transitioning techniques; knowledge of proper and safe handling while transitioning weapons; knowledge of effective verbal communication used in law enforcement; knowledge of effective non-verbal communication used in law enforcement pertaining to use of force warnings; knowledge of, and familiarity with, case law pertinent to law enforcement shootings; ability to perform CPR and First Aid techniques.

Advanced handgun, safety, officer survival, combat shooting, mindset, handgun capabilities, multiple targets, multiple targets and distance shooting.

**Change: hours, prerequisite, description****effective Spring 2017****245U First Aid & CPR Refresher, 0.1 unit, 0.47 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the Division Dean, Director or their representative. These skills and knowledge base are related to adopted POST and/or industry standards. Students will need to have completed a Law Enforcement First Aid and CPR course to attend this refresher course. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.

Refresh legal issues, responding to emergencies, control bleeding, using an Automated External Defibrillator, basic First Aid and CPR demonstration.

**New course****effective Fall 2016****245U First Aid & CPR Refresher, 0.1 unit, 0.06 lecture hour, 0.18 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the Division Dean, Director or their representative. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency. Students will need to have completed an Law Enforcement First Aid and CPR course to attend this refresher course.

Refresh legal issues, responding to emergencies, control bleeding, basic First Aid and CPR demonstration.

**New course****effective Fall 2016****245V Force Option Simulator, 0.1 unit, 0.06 lecture hour, 0.18 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the Division Dean, Director or their representative. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Course requires extensive knowledge of all types of police interactions with resistive subjects during law enforcement contacts, a law enforcement officer has a wide variety of contacts that they by law or policy must respond to, a student must have knowledge of multitasking within short periods of time, knowledge and familiarity with Penal, Vehicle and Health & Safety codes, knowledge and familiarity with safe tactical movement, knowledge and familiarity with verbal and non-verbal communication; knowledge and familiarity with case law pertinent to police use of force; knowledge and familiarity with arrest and control techniques; knowledge and familiarity with use of police handcuffing procedures; knowledge and familiarity with the use of the police baton; knowledge and familiarity with police handguns, shotguns and rifles; knowledge and familiarity with the physical requirements associated with policing; knowledge and familiarity with radio procedures during stressful event in policing; knowledge of and familiarity with case law related to use of force in policing; knowledge and familiarity with verbal communications with resistive subject pertaining to policing; certified to carry lethal and non-lethal weapons in policing.

Simulator environment for patrol officers to improve use of force weaponry, verbalization, decision making during use of force suspect contacts.

**New course****effective Fall 2016****245W Less Lethal Weapons, 0.1 unit, 0.06 lecture hours, 0.18 lab hours, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Course requires extensive knowledge of all types of police interactions with resistive subjects during law enforcement contacts, a law enforcement officer has a wide variety of contacts that they by law or policy must respond to, a student must have knowledge of multitasking within short periods of time, knowledge and familiarity with Penal, Vehicle and Health & Safety codes, knowledge and familiarity with safe tactical movement, knowledge and familiarity with verbal and non-verbal communication; knowledge and familiarity with case law pertinent to police use of force; knowledge and familiarity with arrest and control techniques; knowledge and familiarity with the physical requirements associated with policing; knowledge and familiarity with radio procedures during stressful event in policing; knowledge of and familiarity with case law related to use of force in policing; knowledge and familiarity with verbal communications with resistive subject pertaining to policing; certified to carry lethal and non-lethal weapons in policing.

Patrol and SWAT officer less lethal weapons, related laws, nomenclature, deployment factors, transitioning, ammunition, storage, tactical considerations, storage and documentation.

**New course****effective Fall 2016****245X Mental Illness Awareness Refresher, 0.1 unit, 0.06 lecture hour, 0.18 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Dispatcher Course certificate issued from an accredited regional police academy or equivalent as determined by the Division Dean, Director or their representative. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency. Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Course requires extensive knowledge of all types of police interactions with subjects with mental illnesses during law enforcement contacts, a law enforcement officer has a wide variety of contacts that they by law or policy must respond to, a student must have knowledge of multitasking within short periods of time, knowledge and familiarity with Penal and Health & Safety codes, knowledge and familiarity with safe tactical movement, knowledge and familiarity with verbal and non-verbal tactical communication; knowledge and familiarity with medical response resources related to subjects with mental illnesses.

Contact by law enforcement officers with mental illness conditions, causes, definitions, schizophrenia, Bipolar disorder, treatment approaches and practical exercise.

**New course****effective Fall 2016****245Y Officer Safety/Field Tactics, 0.4 unit, 1.4 lab hours, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Course requires extensive knowledge of all types of police interactions with resistive subjects during law enforcement contacts, a law enforcement officer has a wide variety of contacts that they by law or policy must respond to, a student must have knowledge of multitasking within short periods of time, knowledge and familiarity with Penal, Vehicle and Health & Safety codes, knowledge and familiarity with safe tactical movement, knowledge and familiarity with verbal and non-verbal communication; knowledge and familiarity with case law pertinent to police use of force; knowledge and familiarity with arrest and control techniques; knowledge and familiarity with the physical requirements associated with policing; knowledge and familiarity with radio procedures during stressful event in policing; knowledge of and familiarity with case law related to use of force in policing; knowledge and familiarity with verbal communications with resistive subject pertaining to policing; certified to carry lethal and non-lethal weapons in policing.

Tactics for patrol officers' officer safety during daily operations, firearms, arrest & control, searching techniques, K-9s, officer down and officer rescue.

**New course****effective Fall 2016****245Z Office Safety/Field Tactics Update, 0.1 unit, 0.06 lecture hour, 0.18 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the Division Dean, Director or their representative. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Course requires extensive knowledge of all types of police interactions with resistive subjects during law enforcement contacts, a law enforcement officer has a wide variety of contacts that they by law or policy must respond to, a student must have knowledge of multitasking within short periods of time, knowledge and familiarity with Penal, Vehicle and Health & Safety codes, knowledge and familiarity with safe tactical movement, knowledge and familiarity with verbal and non-verbal communication; knowledge and familiarity with case law pertinent to police use of force; knowledge and familiarity with arrest and control techniques; knowledge and familiarity with the physical requirements associated with policing; knowledge and familiarity with radio procedures during stressful event in policing; knowledge of and familiarity with case law related to use of force in policing; knowledge and familiarity with verbal communications with resistive subject pertaining to policing; certified to carry lethal and non-lethal weapons in policing.

Updated training for patrol officers on safety, tactics, searches, exterior and interior tactics.

**New course****effective Fall 2016****246 Rifle Marksmanship and Sniper, 0.5 unit, 50 lab hours, (1 week), (Pass/No Pass)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. Must be able to demonstrate physical ability to use a firearm in a safe manner. Must obtain a Department of Justice clearance for firearms possession prior to entering a POST approved course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Course requires an extensive knowledge and familiarity with use of for situations during extreme high risk situations in law enforcement sniper required situations. Knowledge of proper and safe firearms handling; ability to achieve a qualifying score during AR 15 shooting; knowledge of proper and safe tactical movement; knowledge of, and familiarity with sustained physical performance demands on law enforcement officers under emergency and stressful situations; knowledge of proper weapons transitioning techniques; knowledge of proper and safe handling and use of nonlethal weapons; knowledge and familiarity with California Penal codes used in law enforcement pertaining to use of force; knowledge of effective verbal communication used in law enforcement; knowledge of effective non-verbal communication used in law enforcement pertaining to use of force warnings; knowledge of, and familiarity with, case law pertinent to law enforcement shootings; ability to perform CPR and First Aid techniques.

Patrol and SWAT officer rifle advanced course, ballistics, zeroing, ammunition, responsibilities, maintenance, moving targets, use of force decision making and shooting drills.

***New course***

***effective Fall 2016***

**246B Traffic Collision Investigation Update, 0.3 unit, 0.93 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the Division Dean, Director or their representative. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Knowledge of Vehicle codes pertaining to policing; knowledge of persons under the influence of drugs or alcohol related to vehicle collision investigations; knowledge of, and familiarity with, officer safety during Field Sobriety Testing in the field during policing; knowledge of, and familiarity with, courtroom testimony related to policing; knowledge of, and familiarity with, evidence collection pertaining to policing; Knowledge of, and familiarity with, police report writing.

Update to basic traffic collision investigation course, CIM manual, diagramming, data retrieval system, and field exercise.

***New course***

***effective Fall 2016***

**246C Use of Force Update, 0.3 unit, 0.93 lab hours, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Knowledge of blood borne pathogens as they pertain to law enforcement services; Certified to carry and deploy a law enforcement TASER; ability to perform CPR and First Aid techniques; knowledge of, and experience with, law enforcement suspect containment during criminal in-progress crimes; knowledge of, and familiarly with, proper and safe tactical movement pertaining to policing; knowledge of, and experience with, law enforcement mindset during policing operations; Knowledge of, and experience with, proper police driving techniques.

Update law enforcement officers in electronic weapons, O.C., less lethal shotgun, legal update, baton and force options.

***New course***

***effective Fall 2016***

**246D Perishable Skills Program I, 0.3 units, 0.93 lab hours, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean, Academy Director, or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. Must be able to demonstrate physical ability to use a firearm in a safe manner. Must obtain a Department of Justice clearance for firearms possession prior to entering a POST approved course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Course requires an extensive knowledge and familiarity with use of for situations during extreme high risk situations in law enforcement sniper required situations. Possession of a valid California Driver's License; Certified to carry a law enforcement tactical rifle under Penal Code section 33220(b). Knowledge of proper and safe firearms handling; ability to achieve a qualifying score during AR 15 shooting; knowledge of proper and safe tactical movement; knowledge of, and familiarity with sustained physical performance demands on law enforcement officers under emergency and stressful situations; knowledge of proper weapons transitioning techniques; knowledge of proper and safe handling and use of nonlethal weapons; knowledge and familiarity with California Penal codes used in law enforcement pertaining to use of force; knowledge of, and experience driving a law enforcement emergency vehicle; knowledge of how perception and reaction time affects a vehicle's total stopping distance; knowledge and familiarity with the importance and proper use of safety belts and tactical removal of safety belts; knowledge of effective verbal communication used in law enforcement; knowledge of effective non-verbal communication used in law enforcement pertaining to use of force warnings; knowledge of, and familiarity with, case law pertinent to law enforcement shootings; ability to perform CPR and First Aid techniques.

Advanced officer update covering, driving skills, CPR & First Aid, blood borne pathogens, tactical communication, body cameras, case law, marksmanship, handgun, shotgun, and arrest & control.

**New course****effective Fall 2016****246E Perishable Skills Program II, 0.1 unit, 0.47 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the Division Dean, Director or their representative. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Knowledge of, and familiarity regarding officer safety related to police baton use; knowledge of proper and safe tactical movement related to police crowd control; knowledge of, and familiarity with sustained physical performance demands on law enforcement officers under physical situations; knowledge of proper and safe arrest and control techniques related to domestic violence incidents; knowledge of, and familiarity with, California Penal codes used in law enforcement use of force pertaining to crowd control and domestic violence; knowledge of effective verbal and non-verbal communication used in law enforcement during citizen contacts; knowledge of, and familiarity with, case law pertinent to law enforcement related to domestic violence; ability to perform CPR and First Aid techniques; knowledge of proper documentation in police reports pertaining to crowd control and domestic violence; knowledge of and familiarity with community policing and problem solving.

Advanced officer update covering, domestic violence, crowd control, tactical communication and racial profiling.

**New course****effective Fall 2016****246F Rifle Instructor, 0.5 unit, 2.34 lab hours, (Pass/No Pass)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean, Academy Director, or their appointee. These skills and knowledge base are listed in Entrance Skill of this course. Must be able to demonstrate physical ability to use a firearm in a safe manner. Must obtain a Department of Justice clearance for firearms possession prior to entering a POST approved course. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced student training that builds upon them. These minimum skill levels are:

Course requires an extensive knowledge and familiarity with use of for situations during extreme high risk situations in law enforcement sniper required situations. Certified to carry a law enforcement tactical rifle under Penal Code section 33220(b). Knowledge of proper and safe firearms handling; ability to achieve a qualifying score during AR 15 shooting; knowledge of proper and safe tactical movement; knowledge of, and familiarity with sustained physical performance demands on law enforcement officers under emergency and stressful situations; knowledge of proper weapons transitioning techniques; knowledge of proper and safe handling and use of nonlethal weapons; knowledge and familiarity with California Penal codes used in law enforcement pertaining to use of force; knowledge of effective verbal communication used in law enforcement; knowledge of effective non-verbal communication used in law enforcement pertaining to use of force warnings; knowledge of, and familiarity with, case law pertinent to law enforcement shootings; ability to perform CPR and First Aid techniques.

Train students in instructing the use of rifles by law enforcement officers using adult learning concepts, weapon systems, range safety, legal aspects, target diagnosis, use of drills, tactical movements and weapons maintenance.

**New course****effective Fall 2016****246G K9 Handler Update, 0.1-0.4 unit, 8.4-25.2 lab hours, (Pass/No Pass)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the Division Dean, Director or their representative. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this course, students must already be familiar with, and be able to demonstrate, all of the skills listed below. These will not be taught in the course; rather, they will be the starting point or advanced student training that builds upon them. These minimum skill levels are:

Course requires extensive knowledge of all types of law enforcement incidents, crime scenes and emergency environments that police canines are deployed. Students must be experienced in the behaviors of police canine during in the field deployments. A student relies on patrol experiences with knowledge and familiarity with the Penal code, Vehicle code, Health & Safety code, knowledge and familiarity with case law pertaining to canine policing; knowledge and familiarity with collection of evidence; knowledge and familiarity with criminal suspect's rights; be in good physical condition to move quickly, have agilely and strength to endure canine strikes; certified for CPR and First Aid.

K9 handler skills update for currently certified canine handler working in law enforcement.

**New course****effective Spring 2017****246H MACTAC – Multi Assault, Counter Terrorism Action Capabilities, 0.1 unit, 0.47 lab hour, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** A California Peace Officer Standards and Training Basic Course certificate issued from an accredited regional police academy or equivalent as determined by the division Dean or their appointee. These skills and knowledge base are related to adopted POST or industry standards. NOTE: Approval of equivalent training is not a guarantee that state regulatory or licensing agencies will also grant equivalency.

Multi-assault, counter terrorism capabilities overview related to the response to terrorism in the United States for local law enforcement.

**Change: units, hours, weeks****effective Spring 2017****270A Basic Police Academy – Part 1, 17.5 units, 12.3 lecture hours, 10.75 lab hours, (20 weeks)**



*Change: units, hours, weeks* *effective Spring 2017*  
 270B Basic Police Academy – Part 2, 20.5 units, 11.2 lecture hours, 12.93 lab hours, (24 weeks)

*Course deleted* *effective Spring 2017*  
 293 Drug Influence – H&S 11550, 1.5 units, 33.6 lecture hours, (1 week)

## African-American Studies (AFRAM)

*Change: prerequisite, description* *effective Spring 2017*

17 African-American Literature, 3 units, 3 lecture hours, (See also English 17)

**Prerequisite:** English 1A or equivalent.

Reading critical works of African and African-American writers and understanding cultural values and themes as expressed in essays, short stories, novels, poetry, and plays. (A, CSU-GE, UC, I)

*Course deleted* *effective Spring 2017*  
 36 Contemporary Africa, 3 units, 3 lecture hours

## Allied Health (AHLTH)

*New course* *effective Spring 2017*

19 Work Experience (Cooperative), Occupational, 1-8 units, (Pass/No Pass)

**Corequisite:** Allied Health 204. 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. **Advisory:** Eligibility for English 1A recommended.

Supervised employment extending the classroom based on occupational learning related to the student's major. Collaborative learning objectives established specific to the particular occupational field. Seventy-five 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)

*New course* *effective Spring 2017*

100 Introduction to Health Careers, 2 units, 2 lecture hours

**Prerequisite:** None.

A prerequisite course for allied health programs to establish a solid foundation in the understanding of allied health professions and the multidisciplinary environment. (A)

*New course* *effective Spring 2017*

204 Autism Technician Training, 3 units, 3 lecture hours, (Pass/No Pass), (Open Entry/Open Exit)

**Prerequisite:** None.

Prepares students for entry-level positions in the field of behavioral health treatment for individuals with autism spectrum disorders (ASD). Students who successfully complete the course will have the training and experience required to be eligible to take the exam to become a Registered Behavior Technician (RBT). Provides students with foundational knowledge in autism spectrum disorders (ASD), applied behavior analysis, and evidence-based intervention techniques.

## Applied Technology (AT)

*Change: hours* *effective Spring 2017*  
 10 Technical Computer Applications, 3 units, 3 lecture hours, 1 lab hour, (Formerly Industrial Education 36)

## Asian-American Studies (ASAMER)

*Change: title, prerequisite, description* *effective Spring 2017*

20 Asian American Literature, 3 lecture hours, (See also English 20)

**Prerequisite:** English 1A or equivalent.

Survey of Asian American classic and contemporary literature. Reading and writing critical analysis of novels, short stories, poems and plays. (A, CSU, UC)

## Biology (BIOL)

*Change: prerequisite, corequisite, advisory* *effective Spring 2017*

21A Human Anatomy & Physiology I, 4 units, 3 lecture hours, 3 lab hours

**Prerequisite:** Biology 5 or 11 A with a grade of "C" or better. **Corequisite:** Chemistry 3A. **Advisory:** Eligibility for English 1A recommended.

*Change: prerequisite**effective Spring 20167*

21B Human Anatomy & Physiology II, 5 units, 4 lecture hours, 3 lab hours  
Prerequisite: Biology 21A and Chemistry 3A.

## **Business Administration (BA)**

*Change: units, hours**effective Spring 2017*

31 Human Resource Management, 3 units, 3 lecture hours

## **Business & Technology (BT)**

*New course**effective Spring 2017*

132 Customer Service in the One-Person Office, 3 units, 2 lecture hours, 3 lab hours

**Advisory:** Eligibility for English 1A recommended.

Practical, project-based course to enhance one's ability to gain and retain both customers and quality employees. (A)

## **Chicano-Latino Studies (CLS)**

*Change: advisory, description**effective Spring 2017*

29 History of Mexico, Colonial to Contemporary Period, 3 units, 3 lecture hours, (Formerly Cultural Studies 29),  
(See also History 29)

**Advisory:** English 1A.

A social, economic, and political survey of Mexican history from the colonial (1521) to the contemporary period. (A, CSU-GE, UC, I)

## **Construction (CONS)**

*Course deleted**effective Spring 2017*

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

## **Cultural Studies (CULTS)**

*Course deleted**effective Spring 2017*

10 Islamic Culture, 3 units, 3 lecture hours

## **Developmental Services (DEVSER)**

*Change: subject**effective Spring 2017*

50 Adapted Fitness and Flexibility, 1 unit, 1 lecture hour, 1 lab hour, (Formerly Physical Education 50)

*Change: subject, units**effective Spring 2017*

51 Adapted Aquatics, 0.5 unit, 2 lab hours, (Formerly Physical Education 51)

*Change: subject, units**effective Spring 2017*

52 Adapted Sports, 0.5 unit, 2 lab hours, (Formerly Physical Education 52)

*Change: subject, units**effective Spring 2017*

53 Adapted Strength Training, 0.5 unit, 2 lab hours, (Formerly Physical Education 53)

*Change: subject**effective Spring 2017*

54 Adapted Walking and Conditioning, 1 unit, 1 lecture hour, 1 lab hour, (Formerly Physical Education 54)

*Change: subject**effective Spring 2017*

55 Adapted Flexibility and Strength, 1 unit, 1 lecture hour, 1 lab hour, (Formerly Physical Education 55)

## **Electrical Systems Technology (EST)**

*Change: units, hours, weeks, advisory, description**effective Spring 2017*

50 Introduction to Electronics, 3 units, 3 lecture hours, (Formerly Electronic Technology 50)

**Advisory:** Eligibility for English 1A recommended.

An introduction to electronics and the Electrical Systems Technology program. Intensive review and practice in the reading & math skills, and critical thinking necessary for success in any electronics or electrically related career. (A, CSU)

- Change: advisory** **effective Spring 2017**  
**51 Direct Current Fundamentals of Electronics, 3 units, 3 lecture hours, 1 lab hour, (Formerly Electronic Technology 51)**  
**Advisory:** Eligibility for English 1A recommended. Electrical Systems Technology 53 and Applied Technology 10.
- Change: advisory** **effective Spring 2017**  
**52 Alternating Current Fundamentals, 3 units, 3 lecture hours**  
**Advisory:** Eligibility for English 1A recommended. Electrical Systems Technology 51 and Applied Technology 130.
- Change: advisory** **effective Spring 2017**  
**53 Lab Safety Practices, 2 units, 2 lecture hours, 1 lab hour, (Formerly Electronic Technology 57)**  
**Advisory:** Eligibility for English 1A recommended.
- Change: advisory** **effective Spring 2017**  
**54 Integrated Devices, 3 units, 3 lecture hours, 1 lab hour, (Formerly Electronic Technology 52)**  
**Advisory:** Eligibility for English 1A recommended. Electrical Systems Technology 52 recommended.
- Change: advisory, description** **effective Spring 2017**  
**55A Digital Concepts, 3 units, 3 lecture hours, 1 lab hour, (Formerly Electronic Technology 53)**  
**Advisory:** Electrical Systems Technology 50. Eligibility for English 1A recommended.  
Introduction to digital systems and subcomponents. Introduction to analog vs. digital world, numbering systems, logic gates, decoders, encoders, multiplexer and multiplexed transmission, registers and memory devices, as well as, digital circuit design using computer software. (A, CSU)
- Change: advisory** **effective Spring 2017**  
**55B Facility Automation, 3 units, 3 lecture hours, 1 lab hour**  
**Advisory:** Electrical Systems Technology 50. Eligibility for English 1A recommended.
- Change: advisory, description** **effective Spring 2017**  
**55C Scada Systems, 2 units, 2 lecture hours, 1 lab hour**  
**Advisory:** Electrical Systems Technology 56B. Eligibility for English 1A recommended.  
Principles and applications of SCADA. Aspects of the data acquisition system including system specifications and software applications. (A, CSU)
- Change: advisory, description** **effective Spring 2017**  
**56A Wiring Methods, 3 units, 3 lecture hours, 1 lab hour**  
**Advisory:** Electrical Systems Technology 54. Eligibility for English 1A recommended.  
Introduction and application of electrical wiring methods as recognized by the National Electrical Code. Includes wiring methods and procedures for residential, commercial and industrial applications. Major emphasis will be placed upon electrical safety. (A, CSU)
- Change: advisory, description** **effective Spring 2017**  
**56B Motor Controls, 3 units, 3 lecture hours, 1 lab hour**  
**Advisory:** Electrical Systems Technology 54. Eligibility for English 1A recommended.  
Investigation and implementation of motor control. Emphasis on the fundamentals of logic and wiring as applied to motor controls. (A, CSU)
- Change: advisory, description** **effective Spring 2017**  
**56C Industrial Electronics, 3 units, 3 lecture hours, 1 lab hour**  
**Advisory:** Electrical System Technology 54, 56B and 58. Eligibility for English 1A recommended.  
Application of electronic principles in the industrial environment. Emphasis on variable frequency drives, control circuits and electronic components. (A, CSU)
- Change: advisory** **effective Spring 2017**  
**57A Analog Communications, 3 units, 3 lecture hours, 1 lab hour**  
**Advisory:** Electrical Systems 54 and 55A. Eligibility for English 1A recommended.
- Change: prerequisite, advisory, description** **effective Spring 2017**  
**57B Digital Communications, 3 units, 3 lecture hours, 1 lab hour**  
**Advisory:** Electrical Systems Technology 54 and 55A. Eligibility English 1A recommended.  
Digital multiplexing, digital conversions, and network communication. (A, CSU)
- Change: advisory** **effective Spring 2017**  
**57C Voice and Data Cabling, 3 units, 3 lecture hours, 1 lab hour**  
**Advisory:** Electrical Systems Technology 54. Eligibility for English 1A recommended.

*Change: advisory, description* *effective Spring 2017*

- 58 **Programmable Logic Controllers, 3 units, 3 lecture hours, 1 lab hour, (Formerly Electronic Technology 58)**  
**Advisory:** Electrical Systems Technology 56b. Eligibility for English 1A recommended.  
 Basic programming of programmable logic controllers, and input/output device interfacing. (A, CSU)

*Change: advisory* *effective Spring 2017*

- 59 **Instrumentation Systems, 3 units, 3 lecture hours, 1 lab hour, (Formerly Electronic Technology 60)**  
**Advisory:** Electrical Systems Technology 50 or 51. Eligibility for English 1A recommended.

*Change: title, advisory* *effective Spring 2017*

- 60 **A+PC Maintenance and Repair, 3 units, 3 lecture hours, 1 lab hour, (Formerly Electronic Technology 61)**  
**Advisory:** Electrical Systems Technology 50. Eligibility for English 1A recommended.

*Change: advisory, description* *effective Spring 2017*

- 80 **Introduction to Photovoltaics, 3 units, 3 lecture hours, 1 lab hour**  
**Advisory:** Electrical Systems Technology 54. Eligibility for English 1A recommended.  
 Designed for students interested in an entry level career in the solar industry. Introduction to the fundamental principles and functions of the photovoltaic industry along with the physical installation for a photovoltaic system. (A, CSU)

*Change: advisory, description* *effective Spring 2017*

- 81 **Photovoltaic Systems, 3 units, 3 lecture hours, 1 lab hour**  
**Advisory:** Electrical Systems Technology 54 and 56A. Eligibility for English 1A recommended.  
 Introduction of photovoltaic system requirements, design and configurations, installation techniques, and their applications in residential, commercial, and industrial. (A, CSU)

*Change: advisory* *effective Spring 2017*

- 82A **Introduction to Robotics, 3.5 units, 3 lecture hours, 2 lab hours**  
**Advisory:** Electrical Systems Technology 50 or 51. Eligibility for English 1A recommended.

*Change: advisory* *effective Spring 2017*

- 82B **Robotic Applications, 3.5 units, 3 lecture hours, 2 lab hours**  
**Prerequisite:** Electrical Systems Technology 82A or with instructor approval. **Advisory:** Eligibility for English 1A recommended.

*New course* *effective Spring 2017*

- 84A **Introduction to Biomedical Electronics, 3 units, 3 lecture hours**  
**Prerequisite:** Electrical Systems Technology 51, 52 and 54. **Advisory:** Eligibility for English 1A recommended.  
 A study of biomedical instrumentation and equipment used in the health care field. (A, CSU)

*Change: advisory* *effective Spring 2017*

- 96A **National Electrical Code Part 1, 3 units, 3 lecture hours**  
**Advisory:** Electrical Systems Technology 55B, 56A, and 56B. Eligibility for English 1A recommended.

*Change: advisory* *effective Spring 2017*

- 96B **National Electrical Code Part 2, 3 units, 3 lecture hours**  
**Advisory:** Electrical Systems Technology 55B, 56A, and 56B. Eligibility for English 1A recommended.

*Change: advisory* *effective Spring 2017*

- 96C **National Electrical Code Part 3, 3 units, 3 lecture hours**  
**Advisory:** Electrical Systems Technology 55B, 56A, and 56B. Eligibility for English 1A recommended.

*Change: advisory* *effective Spring 2017*

- 96D **National Electrical Code – Electrical Safety, 3 units, 3 lecture hours**  
**Advisory:** Electrical Systems Technology 55B, 56A and 56B. Eligibility for English 1A recommended.

## Engineering (ENGR)

*Course deleted* *effective Spring 2017*

- 1B **Elementary Plane Surveying 2, 4 units, 3 lecture hours, 3 lab hours**

## English (ENGL)

*Change: prerequisite* *effective Spring 2017*

- 1A **Reading and Composition, 4 units, 4 lecture hours**  
**Prerequisite:** A “pass” grade in English 125 or English for Multi-Lingual Students 167W, and English 126 or English for Multi-Lingual Students 168R or appropriate score on the reading and writing sections of the Placement Test.

- Change: prerequisite** **effective Spring 2017**  
**1AH Honors Reading and Composition, 4 units, 4 lecture hours, (Formerly Honors 1E)**  
**Prerequisite:** A “pass” grade in English 125 or English for Multi-Lingual Students 167W, and English 126 or English for Multi-Lingual Students 168R or appropriate score on the reading and writing sections of the Placement Test.
- Change: prerequisite** **effective Spring 2017**  
**1B Introduction to the Study of Literature, 3 units, 3 lecture hours**  
**Prerequisite:** English 1A or equivalent.
- Change: prerequisite** **effective Spring 2017**  
**3 Critical Reading & Writing, 3 units, 3 lecture hours**  
**Prerequisite:** English 1A or equivalent.
- Change: prerequisite** **effective Spring 2017**  
**3H Honors Critical Reading & Writing, 3 units, 3 lecture hours**  
**Prerequisite:** English 1A or equivalent.
- Change: prerequisite** **effective Spring 2017**  
**14 Folklore, 3 units, 3 lecture hours**  
**Prerequisite:** English 1A or equivalent.
- Change: prerequisite** **effective Spring 2017**  
**15A Creative Writing: Poetry, 3 units, 3 lecture hours, (Formerly English 15)**  
**Prerequisite:** English 1A or equivalent.
- Change: prerequisite** **effective Spring 2017**  
**15B Creative Writing: Fiction, 3 units, 3 lecture hours**  
**Prerequisite:** English 1A or equivalent.
- Change: prerequisite** **effective Spring 2017**  
**15C Creative Writing: Playwriting, 3 units, 3 lecture hours, (See also Theatre Arts 15C)**  
**Prerequisite:** English 1A or equivalent.
- Change: title, prerequisite, description** **effective Spring 2017**  
**15D Creative Writing: Creative Nonfiction, 3 units, 3 lecture hours**  
**Prerequisite:** English 1A or equivalent.  
 Intensive workshop in memoir, lyric essay, and all other forms of creative nonfiction writing; appropriate readings and analyses for critical review. (A, CSU, UC)
- Change: prerequisite, description** **effective Spring 2017**  
**17 African-American Literature, 3 units, 3 lecture hours, (See also African-American Studies 17)**  
**Prerequisite:** English 1A or equivalent.  
 Reading critical works of African and African-American writers and understanding cultural values and themes as expressed in essays, short stories, novels, poetry, and plays. (A, CSU-GE, UC, I)
- Change: title, prerequisite, description** **effective Spring 2017**  
**20 Asian American Literature, 3 units, 3 lecture hours**  
**Prerequisite:** English 1A or equivalent.  
 Survey of Asian American classic and contemporary literature. Reading and writing critical analysis of novels, short stories, poems and plays. (A, CSU, UC)
- Change: title, prerequisite, description** **effective Spring 2017**  
**36 Women’s Literature, 3 units, 3 lecture hours, (See also Women’s Studies 36)**  
**Prerequisite:** English 1A or equivalent.  
 Survey of literature by women in fiction, drama, poetry, biography, and essay. Covers multicultural and international literature from classical to contemporary periods, in addition to feminist and gender theory. (A, CSU-GE, UC, I)
- Change: title, prerequisite, description** **effective Spring 2017**  
**40 Themes in Literature, 3 units, 3 lecture hours**  
**Prerequisite:** English 1A or equivalent.  
 Themes, authors, or genres through close readings, contextual approaches, interpretations, and critical evaluations. The subject will vary with the instructor, for example, “Rites of Passage in the American Consciousness,” “The Detective as Hero”; Emily Dickinson, Carlos Fuentes; Popular Literature, Science Fiction. (A, CSU-GE, UC, I)
- Change: prerequisite** **effective Spring 2017**  
**42 Classic Myths, 3 units, 3 lecture hours, (See also Humanities 42)**  
**Prerequisite:** English 1A or equivalent.

- Change: prerequisite** **effective Spring 2017**  
**44A World Literature to the Renaissance, 3 units, 3 lecture hours**  
**Prerequisite:** English 1A or equivalent.
- Change: prerequisite, description** **effective Spring 2017**  
**44B World Literature since the Renaissance, 3 units, 3 lecture hours**  
**Prerequisite:** English 1A or equivalent.  
 A survey of the most enduring fiction, drama, and poetry from the neo-classic period to 1950. (A, CSU-GE, UC, I)
- Change: prerequisite, description** **effective Spring 2017**  
**45 Contemporary World Literature, 3 units, 3 lecture hours**  
**Prerequisite:** English 1A or equivalent.  
 Contemporary (since 1950) works of world literature in fiction, drama, poetry, biography, and essay. (A, CSU-GE, UC, I)
- Change: prerequisite** **effective Spring 2017**  
**46A English Literature to 1800, 3 units, 3 lecture hours**  
**Prerequisite:** English 1A or equivalent.
- Change: prerequisite** **effective Spring 2017**  
**46B English Literature from 1800 to the Present, 3 units, 3 lecture hours**  
**Prerequisite:** English 1A or equivalent.
- Change: title, prerequisite** **effective Spring 2017**  
**48A Introduction to American Literature to 1865, 3 units, 3 lecture hours**  
**Prerequisite:** English 1A or equivalent.
- Change: title, prerequisite** **effective Spring 2017**  
**48B Introduction to American Literature 1865 to the Present, 3 units, 3 lecture hours**  
**Prerequisite:** English 1A or equivalent.
- Change: units, hours, advisory** **effective Spring 2017**  
**105 Grammar and Punctuation, 3 units, 3 lecture hours (Formerly English 5)**  
**Advisory:** Eligibility for English 125 and 126 or English for Multi-Lingual Students 167W and 168R recommended.
- Change: description** **effective Spring 2017**  
**125 Writing Skills for College, 4 units, 4 lecture hours, (Formerly English A and 25)**  
**Prerequisite:** Designated score on English placement test, or satisfactory completion of English 252 or 282. Not recommended for students learning English as a second language.  
 Develops the process of writing, revising and finishing short papers, including logical development and organization of ideas. Emphasizes avoiding common writing errors; develops critical thinking and writing skills by reading model essays and by analyzing and utilizing rhetorical strategies appropriate to purpose and audience. Develops basic research skills. Prepares students for English 1A. (A)
- Change: prerequisite, description** **effective Spring 2017**  
**126 Reading Skills for College, 4 units, 4 lecture hours, (Formerly English 26)**  
**Prerequisite:** Designated score on Reading Placement test or successful completion of English 262. For placement into reading courses, refer to FCC Academic Reading placement criteria.  
 Advances students' reading skills into college-level proficiencies in the areas of vocabulary usage, literal comprehension, and critical reading skills. Emphasizes reading as a problem-solving process. (A)
- Change: description** **effective Spring 2017**  
**252 Writing Improvement, 4 units, 4 lecture hours, (Pass/No Pass), (Formerly English 52)**  
**Prerequisite:** Designated score on English placement test with other relevant criteria or satisfactory completion of English 250 or 281. Not recommended for students learning English as a second language. Not primarily for students with identified learning disabilities.  
 Develops rudimentary essay building skills, including paragraph and essay development. Helps students identify and correct extensive grammatical errors. Prepares students for English 125. Students must satisfactorily complete course work to receive credit for the class.
- Change: remove pass/no pass, prerequisite, description** **effective Spring 2017**  
**260 Basic Reading, 4 units, 4 lecture hours, (Formerly English 60)**  
**Prerequisite:** Designated score on Reading placement test with other relevant criteria. See the FCC Academic Reading Placement criteria. Not recommended for students learning English as a second language.  
 Developing reading comprehension. Determining main ideas and important details. Prepares students for English 262.

**Change: prerequisite, description****effective Spring 2017****262 Reading Improvement, 4 units, 4 lecture hours, (Formerly English 62)**

**Prerequisite:** Designated score on Reading placement test; successful completion of English 260. For placement into reading courses, refer to FCC reading placement criteria. Not recommended for students learning English as a second language.

Developing vocabulary and reading comprehension skills. Prepares students for English 126.

**Change: remove pass/no pass, description****effective Spring 2017****277 Reading Skills, 2.5 units, 2 lecture hours, 2 lab hours, (Formerly English 77)**

**Prerequisite:** Designated score on English placement test with other relevant criteria. Not recommended for students learning English as a second language. Students must have a diagnosed verifiable disability.

Development of basic reading readiness skills through learning main ideas and important details. Prepares students for Academic Reading 262 or English 278.

**Change: description****effective Spring 2017****278 Reading Comprehension, 2.5 units, 2 lecture hours, 2 lab hours, (Pass/No Pass), (Formerly English 78)**

**Prerequisite:** Designated score on English placement test with other relevant criteria or satisfactory completion of English 277. Not recommended for students learning English as a second language. Students must have a diagnosed verifiable disability.

Development of reading skills through vocabulary usage, literal comprehension, and critical comprehension. Development of various strategies for comprehending different types of written material. Prepares students for English 126.

**English for Multi-Lingual Students (EMLS)****Change: number, description****effective Spring 2017****167W Advanced Academic Writing and Grammar, 4 units, 4 lecture hours, (Formerly English 54D and English as a Second Language 67)**

**Prerequisite:** Use of language other than English as a primary language. Designated score on college placement test or completion of English for Multi-Lingual Students 265W with a grade of "C" or better.

At an advanced level, develops students' skills through the process of writing, revising and editing essays which includes logical development and organization of ideas. Develops analytical and critical thinking skills by reading and responding to model essays. Reinforces grammar skills, and develops study skills for an academic environment. Designed to prepare multi-lingual students and English Language Learners (ELL) for English 1A and content area courses. (A)

**Change: number, prerequisite, description****effective Spring 2017****168R Advanced Academic Reading and Vocabulary, 4 units, 4 lecture hours, (Formerly English as a Second Language 68)**

**Prerequisite:** Use of language other than English as a primary language. Designated placement based on college placement criteria (see most recent EMLS Department approved Multiple Measures document) or completion of English for Multi-lingual Students 265R with a grade of "C" or better.

At an advanced level, develops students' skills in the areas of vocabulary usage, literal comprehension, critical reading, and cultural inferences as necessary for college content classes. Improves students' reading skills and trains students to use reading strategies that can be applied to various reading tasks. Emphasizes reading as a problem-solving process. Develops study skills for an academic environment. Designed to prepare multi-lingual students and English Language Learners (ELL) for English 1A and content area courses. (A)

**New course****effective Spring 2017****264LS Intermediate Listening and Speaking, 3 units, 3 lecture hours**

**Prerequisite:** None.

A listening and speaking course designed for multi-lingual speakers who wish to develop their oral language skills at the intermediate level. This course can be taken concurrently with other English for Multi-Lingual courses.

**Change: prerequisite, description****effective Spring 2017****264R Intermediate Academic Reading and Vocabulary, 4 units, 4 lecture hours, (Pass/No Pass), (Formerly English as a Second Language 64R and 264R)**

**Prerequisite:** Use of language other than English as a primary language. Designated placement based on college placement criteria (see most recent EMLS Department approved Multiple Measures document) or completion of English for Multi-Lingual Students 263R with a grade of "C" or better.

At an intermediate level, develops students' skills in the areas of vocabulary usage, literal comprehension, critical reading, and cultural inferences as necessary for college content classes. Improves students' reading skills and trains students to use reading strategies that can be applied to various reading tasks. Emphasizes reading as a problem-solving process. Designed to prepare multi-lingual students and English Language Learners (ELL) for English for Multi-Lingual Students 265R and content area courses.

**Change: description****effective Spring 2017**

**264W Intermediate Academic Writing and Grammar, 4 units, 4 lecture hours, (Pass/No Pass), (Formerly English 54B and English as a Second Language 64, 64W and 264W)**

**Prerequisite:** Use of language other than English as a primary language. Designated score on college placement test or completion of English for Multi-Lingual Students 263W with a grade of "C" or better.

At the intermediate level, develops the process of writing, revising, and editing. Includes preparation for and composition of paragraphs and short essays. Reinforces grammar skills and develops study skills. Designed to prepare multi-lingual students and English Language Learners (ELL) for English for Multi-Lingual Students 265W and content area courses.

**Change: prerequisite, description****effective Spring 2017**

**265R High Intermediate Academic Reading and Vocabulary, 4 units, 4 lecture hours, (Pass/No Pass), (Formerly English as a Second Language 65R and 265R)**

**Prerequisite:** Use of language other than English as a primary language. Designated placement based on college placement criteria (see most recent EMLS Department approved Multiple Measures document) or completion of English for Multi-Lingual Students 264R with a grade of "C" or better.

At a high intermediate level, develops students' skills in the areas of vocabulary usage, literal comprehension, critical reading, and cultural inferences as necessary for college content classes. Improves students' reading skills and trains students to use reading strategies that can be applied to various reading tasks. Emphasizes reading as a problem-solving process. Designed to prepare multi-lingual students and English Language Learners (ELL) for English for Multi-Lingual Students 168R and content area courses.

**Change: description****effective Spring 2017**

**265W High Intermediate Academic Writing and Grammar, 4 units, 4 lecture hours, (Pass/No Pass), (Formerly English 54C, and English as a Second Language 65, 65W and 265W)**

**Prerequisite:** Use of language other than English as a primary language. Designated score on college placement test or completion of English for Multi-Lingual Students 264W with a grade of "C" or better.

At the high-intermediate level develops the process of writing, revising, and editing. Includes the preparation for and composition of essays and use of appropriate grammar as taught through model essays and exercises. Develops study skills for an academic environment. Designed to prepare multi-lingual students and English Language Learners (ELL) for English for Multi-Lingual Students 167W and content area courses.

**New course****effective Spring 2017**

**364LS Intermediate Listening and Speaking, 3 lecture hours**

**Prerequisite:** None.

A listening and speaking course designed for multi-lingual speakers who wish to develop their oral language skills at the intermediate level. This course can be taken concurrently with other English for Multi-Lingual Students courses.

**Fire Technology (FIRET)****Change: prerequisite****effective Spring 2017**

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

**Prerequisite:** Valid Public Safety First Aid and CPR course as defined by California Health & Safety Code, Section 1797.182.

**New course****effective Spring 2017**

**233 Advanced Firefighter Continuing Education, 0.5-1 unit, 2-4.45 lab hours, (Pass/No Pass), (Open Entry/Open Exit)**

**Prerequisite:** Successful completion of a California State Fire Marshal's Office Accredited Firefighter 1 Academy or equivalent as determined by the Division Dean, Director or their representative. Note: Approval of equivalency training approval is not a guarantee of state regulatory or licensing agencies will also grant equivalency.

Prior to beginning this, course students shall be familiar with and be able to demonstrate all of the skill and general knowledge requirements of the California State Fire Marshals' Office 2013 Firefighter 1 curriculum. This curriculum is based on the National Fire Protection Association 1001: Standard for Firefighter Professional Qualifications, National Fire Protection 1051: Standard for Wildland Firefighting Personnel Professional Qualifications and the National Fire Protection Association 472: Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents. These skills will not be taught in this course; rather they will be the starting point for advanced training that build upon them. These subject areas are:

Knowledge of Fire Fighter Safety, have the ability to don and doff personal protective ensemble and self-contained breathing apparatus; knowledge of, and familiarity with fire apparatus and operating at an emergency scene; knowledge of, and familiarity with fire department communications equipment; knowledge and familiarity with firefighting tools and equipment; knowledge of and familiarity with structural fire suppression methods; knowledge of and familiarity with firefighting apparatus; knowledge of and familiarity with firefighter survival self-rescue techniques as well as downed firefighter rescue techniques; knowledge of and familiarity with passenger vehicle fires and the hazards associated with them; knowledge and familiarity with wildland response and suppression methods, have the ability to don and doff wildland personal protective equipment and know it's limitations; knowledge and familiarity with Hazardous Materials and Weapons of Mass Destruction Incidents.

Satisfies annual mandatory continuing education requirements of local Fire Agencies, Fresno County Health Department, the California State Fire Marshal's Office, and appropriate sections of the California Code of Regulations; may be offered in seminar, lecture, and/or lab format; specific course deliver method to be determined by each respective agency.



## Foreign Language

### Spanish (SPAN)

*Course deleted*

13 Cultural Overview of a Spanish-Speaking Country, 2 units, 2 lecture hours

*effective Spring 2017*

### Geography (GEOG)

*Change: description*

7 **Physical Geography: Earth's Surface, 4 units, 3 lecture hours, 2 lab hours**

**Advisory:** Eligibility for English 1A recommended.

Introduction to Earth's dynamic physical systems and geomorphic processes, including tectonics, volcanism, orogenesis, denudation, and the interactions between the atmosphere, hydrosphere, lithosphere, and biosphere. Emphasis on understanding interconnections among systems, the resultant spatial patterns, and the relevance of physical geography to environmental issues. Lab includes topographic map interpretation, GIS and remote sensing, rock and mineral ID, and understanding geomorphological processes. (A, CSU-GE, UC, I)

*effective Spring 2017*

*Change: description*

8 **Physical Geography: Weather and Climate, 4 units, 3 lecture hours, 2 lab hours**

**Advisory:** Eligibility for English 1A recommended.

Introduction to atmospheric processes, energy and moisture exchanges, atmospheric pressure, global atmospheric and oceanic circulation patterns, precipitation processes, weather systems, and severe weather. Analysis of world, regional, and local climate systems, emphasizing an understanding of the mechanisms and consequences of global climate change. Course incorporates lab work focusing on observation and analysis of atmospheric data using charts, meteorological instruments and their use, weather maps, and radar and satellite imagery. (A, CSU-GE, UC, I)

*effective Spring 2017*

### Geology (GEOL)

*Course deleted*

1H Honors Physical Geology, 4 units, 3 lecture hours, 2 lab hours

*effective Spring 2017*

### Graphic Communications (GRC)

*New course*

255 **Adobe ACA Certification, 3 units, 2 lecture hours, 3 lab hours**

**Advisory:** Eligibility for English 1A recommended.

The Adobe Certified Associate coursework provides students an opportunity to demonstrate proficiency in Adobe digital communication tools. Groundwork for students seeking industry certification in digital media, using Adobe software. Preparation for the testing process, environment, and depth of knowledge required to successfully complete the Adobe Certified Associate exam.

*effective Spring 2017*

### History (HIST)

*Change: description*

12 **History of the United States since 1877, 3 units, 3 lecture hours**

**Advisory:** English 1A.

Political, social and economic development since Reconstruction Era; the US as a world power. (A, CSU-GE, UC, I)

*effective Spring 2017*

*Change: advisory*

17 **History of the Muslim World to 1405, 3 units, 3 lecture hours**

**Advisory:** English 1A and History 1 recommended.

*effective Spring 2017*

*Change: advisory*

21 **United States Civil War, 3 units, 3 lecture hours**

**Advisory:** English 1A and History 11.

*effective Spring 2017*

*Change: advisory*

29 **History of Mexico, Colonial to Contemporary Period, 3 units, 3 lecture hours**

**Advisory:** English 1A.

*effective Spring 2017*

**Change: description****effective Spring 2017****30 California History, 3 units, 3 lecture hours****Advisory:** English 1A.

Growth and development of California politically, economically and culturally from 1523 to the present, emphasizing the period since statehood. (A, CSU-GE, UC, I)

**Humanities (HUM)****Change: prerequisite****effective Spring 2017****42 Classic Myths, 3 units, 3 lecture hours, (See also English 42)****Prerequisite:** English 1A or equivalent.**Interior Design (INTRDSN)****Course deleted****effective Spring 2017****7 Interior Design, 3 lecture hours, 1 lab hour, (Formerly Home Economics 7 and 20)****Journalism (JOURN)****Course deleted****effective Spring 2017****5 Newspaper Production, 3 units, 2 lecture hours, 3 lab hours****Course deleted****effective Spring 2017****9 Feature Writing, 3 units, 2 lecture hours, 3 lab hours****Change: description****effective Spring 2017****12 Online Newspaper Staff, 3 units, 2 lecture hours, 3 lab hours**

Production of online newspaper. Students will get practical experience in writing for an online publication, including multimedia, using digital photography, video and audio clips for story enhancement. The course prepares students for future print and electronic media work. (A, CSU)

**Change: corequisite****effective Spring 2017****19 Work Experience (Cooperative), Occupational, 1-8 units****Corequisite:** Journalism 11A, 11B, 11C, 11D or 14. Fall and Spring Semesters: Must be enrolled in at least one other course, including 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.**Linguistics (LING)****Change: prerequisite****effective Spring 2017****10 Introduction to Language, 3 units, 3 lecture hours****Prerequisite:** Eligibility for English 125 and 126 or English for Multi-Lingual Students 167W and 168R.**Change: prerequisite****effective Spring 2017****11 Introduction to Language for Educators, 3 units, 3 lecture hours****Prerequisite:** Eligibility for English 125 and 126 or English for Multi-Lingual Students 167W and 168R.**Mathematics (MATH)****Change: units****effective Spring 2017****260A Arithmetic Review: Whole Numbers, 1.5 units, 5 lecture hours, (6 weeks), (Pass/No Pass), (Formerly Mathematics 60A)****Change: units****effective Spring 2017****260B Arithmetic Review: Fractions, 1.5 units, 5 lecture hours, (6 weeks), (Pass/No Pass), (Formerly Mathematics 60B)****Change: units****effective Spring 2017****260C Arithmetic Review: Decimals, 1.5 units, 5 lecture hours, (6 weeks), (Pass/No Pass), (Formerly Mathematics 60C)****Change: units****effective Spring 2017****260D Arithmetic Review: Ratios, Proportions, Percent, and Geometry, 1.5 units, 5 lecture hours, (6 weeks), (Pass/No Pass), (Formerly Mathematics 60D)**

## Military Science (MILSC)

### *Change: number, title, description*

*effective Spring 2017*

**50 Freshman Leadership Lab I, 1 unit, 3 lab hours, (Formerly Military Science 50A)**

**Advisory:** Eligibility for English 1A recommended. Completion of Mathematics 201 recommended.

Basic fundamentals of becoming an army officer and adapting to military life. Students will learn and embrace the Army values and warrior ethos while being introduced to the concept of professionalism within the U.S. Army. (A, CSU)

### *New course*

*effective Spring 2017*

**55 Freshman Leadership Lab II, 1 unit, 3 lab hours**

**Advisory:** Eligibility for English 1A recommended. Mathematics 201 recommended.

Hands-on leadership experience via application of field skills and tactical maneuvers in small units of up to platoon size (approximately thirty personnel). Focus is on development of creative problem-solving and resilience while learning individual and small-unit tactical drills. (A, CSU)

### *Change: number, title, description*

*effective Spring 2017*

**60 Sophomore Leadership Lab I, 1 unit, 3 lab hours, (Formerly Military Science 50B)**

**Advisory:** Eligibility for English 1A recommended. Completion of Mathematics 201 recommended.

Advanced knowledge and application of field skills and tactical maneuvers of squad sized elements. Focus is on team building, military communication, and virtual battle system. (A, CSU)

### *New course*

*effective Spring 2017*

**65 Sophomore Leadership Lab II, 1 unit, 3 lab hours**

**Advisory:** Eligibility for English 1A recommended. Mathematics 201 recommended.

Advanced knowledge and application of field skills and tactical maneuvers of platoon sized elements. Upon implementation, students will be equipped with the knowledge and foresight to successfully complete the cadet summer training. (A, CSU)

## Music (MUS)

### *Course deleted*

*effective Spring 2017*

**61 A Cappella Choir, 1-2 units, 4-6 lab hours, (Repeats = 3)**

### *Course deleted*

*effective Spring 2017*

**64 Vocal Ensemble, 2 units, 6 lab hours**

### *Course deleted*

*effective Spring 2017*

**66 Opera Performance Practices, 2 units, 1 lecture hour, 3 lab hours**

### *Course deleted*

*effective Spring 2017*

**69 Wind Band, 1-2 units, 4-6 lab hours, (Repeats = 3)**

### *Course deleted*

*effective Spring 2017*

**73A Intermediate/Advanced Chamber Ensemble (Brass), 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3)**

### *Course deleted*

*effective Spring 2017*

**73B Intermediate/Advanced Chamber Ensemble (Woodwinds), 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3)**

### *Course deleted*

*effective Spring 2017*

**73C Intermediate/Advanced Chamber Ensemble (Strings), 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3)**

### *Course deleted*

*effective Spring 2017*

**73D Intermediate/Advanced Chamber Ensemble (Percussion), 1-2 units, 1 lecture hour, 1-3 lab hours, (Repeats = 3)**

### *Course deleted*

*effective Spring 2017*

**75 Community Orchestra, 1-2 units, 4-6 lab hours, (Repeats = 3)**

### *Course deleted*

*effective Spring 2017*

**77 Studio Jazz Combo, 2 units, 1 lecture hour, 3 lab hours**

**Nursing, Registered (RN)*****New course******effective Spring 2017*****207 Perioperative Nursing, 1.5 units, 1 lecture hour, 2 lab hours, (Pass/No Pass)****Prerequisite:** Registered Nursing 42A.

Introduction to perioperative nursing care for inpatient and/or outpatient clients with exposure to the roles of the circulating nurse, scrub nurse, PACU nurse, and ancillary services.

**Photography (PHOTO)*****Change: prerequisite******effective Spring 2017*****23 Photoshop 2: Digital Darkroom, 3 units, 2 lecture hours, 3 lab hours****Prerequisite:** Photography 12 or Graphic Communications 31 or equivalent.**Physical Education (PE)*****Change: description******effective Spring 2017*****6 Fitness and Health, 1 unit, 3 lab hours, (Formerly Physical Education ACT 15A)****Advisory:** Eligibility for English 1A recommended.

Class explores various activities to develop posture, strength, flexibility, endurance and relaxation. (A, CSU, UC)

***Change: description******effective Spring 2017*****7 Golf, 1 unit, 3 lab hours, (Formerly Physical Education ACT 10)****Advisory:** Eligibility for English 1A recommended.

Grip, stance, and swing fundamentals. Instruction on the short game basics. Swing evaluation for each student.

Instruction on golf etiquette, equipment and the rules of golf. (A, CSU, UC)

***New course******effective Spring 2017*****8 Basic Self Defense, 1 unit, 3 lab hours****Advisory:** Eligibility for English 1A recommended.

Theory and techniques of self defense and personal safety. Mental and physical aspects of basic self defense. Content includes recognizing and avoiding dangers, and skills and strategies for employing physical defense when necessary. (A, CSU)

***Change: title******effective Spring 2017*****9 Circuit Training, 1 unit, 3 lab hours, (Formerly Physical Education ACT 17A)*****New course******effective Spring 2017*****13B Intermediate Tennis, 1 unit, 3 lab hours****Prerequisite:** Physical Education 13. Experience playing competitively at the high school junior varsity or varsity level may satisfy prerequisite. **Advisory:** Eligibility for English 1A recommended.

An expanded approach to the fundamental tennis strokes and strategies obtained in beginning tennis. Students will build upon their knowledge of the game of tennis, and be able to successfully compete with peers of their skill level.

***Change: description******effective Spring 2017*****15B Weight Training (Men), 1 unit, 3 lab hours, (Formerly Physical Education ACT 11A)****Advisory:** Eligibility for English 1A recommended.

Total body developed by exercising against weighted resistance, and doing isotonic and circuit exercises. Use of weight lifting equipment. Safe methods of lifting and the use of equipment. Special emphasis on body building needs of men.

***Change: description******effective Spring 2017*****15C Weight Training (Coed), 1 unit, 3 lab hours, (Formerly Physical Education ACT 11C)****Advisory:** Eligibility for English 1A recommended.

Total body development by exercising against weighted resistance; isotonic and circuit exercises. Class is structured to satisfy the body building needs of both men and women as they participate in the same environment. Use of weight lifting equipment. Safe methods of lifting and the use of equipment. (A, CSU, UC)

***Change: description******effective Spring 2017*****24 Sports Officiating, 2 units, 2 lecture hours****Advisory:** Eligibility for English 1A recommended.

Understanding and interpreting the rules and mechanics of officiating one or more of the following activities: baseball, basketball, football, flag football, soccer, softball, track and volleyball. (A, CSU, UC)

**Change: description** **effective Spring 2017**

**26 Sports Psychology, 3 units, 3 lecture hours**

**Advisory:** Eligibility for English 1A recommended.

The study and application of psychological principles and foundations to sport and exercise. Promote concepts and applied principles of sport and exercise psychology. (A, CSU)

**Change: description** **effective Spring 2017**

**27 Cardio Interval Training, unit, 3 lab hours**

**Advisory:** Eligibility for English 1A recommended.

Designed to improve cardiovascular fitness by running pre-determined intervals on a regulation running track. The intervals will vary from 50 - 400 meters. (A, CSU)

**New course** **effective Spring 2017**

**28 Foundations of Coaching, 3 units, 3 lecture hours**

**Advisory:** Eligibility for English 1A recommended.

Introduction to the profession of athletic coaching. Theories and practices that provide the foundation to coaching. Includes coaching philosophies, communication skills, motivational techniques, principles for training, and program management. (A, CSU)

**Course deleted** **effective Fall 2016**

**29A Theory of Badminton, 1 unit, 1 lecture hour, 1 lab hour**

**Course deleted** **effective Fall 2016**

**30A Theory of Baseball, 1 unit, 1 lecture hour, 1 lab hour**

**Course deleted** **effective Fall 2016**

**32C Off-Season Conditioning for Cross Country, 1 unit, 3 lab hours**

**Change: title, repeats, description** **effective Spring 2017**

**35B Cheer and Stunt, 2 units, 6 lab hours, (Repeats = 3), (Formerly Physical Education PRE 38)**

**Advisory:** Eligibility for English 1A recommended.

Designed primarily for students possessing the desire, ability and skills necessary to participate in cheer and stunt on the college level. Prospective participants should confer with the instructor before enrollment. (A, CSU, UC)

**Change: units, hours** **effective Spring 2017**

**45 Performance Training and Conditioning Techniques for Intercollegiate Athletics, 0.5-1 units, 2-3 lab hours, (Repeats = 3)**

**New course** **effective Spring 2017**

**70 Fitness Aerobics, 1 unit, 3 lab hours**

**Advisory:** Eligibility for English 1A recommended.

Designed to provide a total body workout that develops aerobic endurance, increases range of motion and muscular strength, and improves flexibility. (A, CSU)

**New course** **effective Spring 2017**

**71 Soccer, 1 unit, 3 lab hours**

**Advisory:** Eligibility for English 1A recommended.

Basic skills, rules, strategy, offense and defense. Tournaments according to skill level of students. (A, CSU)

**New course** **effective Spring 2017**

**72 Spinning for Fitness, 1 unit, 3 lab hours**

**Advisory:** Eligibility for English 1A recommended.

Designed to improve overall physical fitness and health through the use of stationary spin bikes. Proper spin techniques and safety practices are demonstrated. Suitable for all genders and fitness levels. (A, CSU)

## **Respiratory Care Practitioner (RCARE)**

**New course** **effective Summer 2017**

**21B Simulation Lab Skills, 0.5 unit, 2 lab hours.**

**Prerequisite:** Respiratory Care 21.

Therapeutic and diagnostic modalities with use of simulation equipment to prepare the student for supervised clinical rotations in the intensive care unit. (A, CSU)

## **Sociology (SOC)**

**Change: description****effective Spring 2017****2 American Minority Groups, 3 units, 3 lecture hours****Advisory:** Eligibility for English 1A recommended.

Overview of sociological, institutional, demographic, and social-psychological aspects of ethnicity and race. Examination of non-dominant groups in the United States. (C-ID SOCI 150) (A, CSU-GE, UC, I)

**Course deleted****effective Spring 2017****160 Basic Sociology, 3 units, 3 lecture hours, (Formerly Sociology 60)**

## **Vocational English as a Second Language (VESL)**

**Change: number, weeks, prerequisite****effective Spring 2017****167W Applied Advanced Writing for College and Careers, 4 units, 4 lecture hours, (Formerly Vocational English as a Second Language 269W)****Prerequisite:** English for Multi-Lingual Students 265W, or designated score on placement test, or completion of Vocational English as a Second Language 265W. Use of language other than English as a primary language.**Change: number, weeks, prerequisite****effective Spring 2017****168R Applied Advanced Reading for College and Careers, 4 units, 4 lecture hours, (Formerly Vocational English as a Second Language 269R)****Prerequisite:** English for Multilingual Students 265R, or designated score on the placement test, or completion of Vocational English as a Second Language 265R. Use of language other than English as a primary language.**Change: number, weeks****effective Spring 2017****265R Applied Intermediate Reading for College and Careers, 4 units, 4 lecture hours, (Formerly Vocational English as a Second Language 266R)****Change: number, weeks****effective Spring 2017****265W Applied Intermediate Writing for College and Careers, 4 units, 4 lecture hours, (Formerly Vocational English as a Second Language 266W)**

## **Women's Studies (WSTS)**

**Change: title, prerequisite, description****effective Spring 2017****36 Women's Literature, 3 units, 3 lecture hours, (See also English 36)****Prerequisite:** English 1A or equivalent.

Survey of literature by women in fiction, drama, poetry, biography, and essay. Covers multicultural and international literature from classical to contemporary periods, in addition to feminist and gender theory. (A, CSU-GE, UC, I)