

**REVISIONS TO THE 2015-2016 TAFT COLLEGE CATALOG  
FROM THE CURRICULUM AND GENERAL EDUCATION COMMITTEE AND THE INSTRUCTIONAL  
OFFICE**

Academic Policies and Procedures:

**IES courses, with the exception of IES 1500, are automatically offered as Pass/No Pass with the option to be taken for a standard grade (A, B, C, D, F, W). Students electing to take an IES course for a standard grade must fill out a "Request for Standard Grading" form and submit to the Counseling Center before the census date of the course. These deadlines can be found on the Add/Drop Deadlines page on the website.**

Courses Eligible for Pass/No Pass Grading (*not recommended for courses used within a major*)

Learning Support Division: All Disability Studies, Student Success, and Learning Skills courses: Sociology 1558 and Information Competency.

Liberal Arts Division: All courses listed in catalog except English 1725, 1750, 1775, 2650, 2700, and 2750.

Social Sciences Division: All courses listed in the catalog except all Administration of Justice courses, Criminal Justice Administration 1549, Psychology 2205 **and 2050**, and Sociology 2038.

Science and Mathematics Division: All life science except Biology 1510 and 2257, physical science and mathematics courses listed in the catalog; all one-unit physical education activity courses listed in the catalog; and Health Education 1510.

Applied Technologies Division: All Business, Business Administration, Computer Science, Management, Energy Technology. All Industrial Education Safety except 1125 and 1500, and Petroleum Technology courses listed in the catalog; Court Reporting 1010, 1070, 1075, 1080, 1090, 1210, 1250, and 1260 and Industrial Education Automotive 1010, 1011, 1020, 1030, 1031, 1040, 1060, 1080, 1090, and 1500.

Courses Eligible for Credit by Examination

Learning Support Division: All Disability Studies courses: Sociology 1558, Student Success 1016, 1017, 1018, and 1019, and Information Competency 1048.

Liberal Arts Division: All Foreign Languages listed in the catalog; Art 1625, 1820, 2010; Humanities 2010; and Music 1510.

Social Sciences Division: All Social Sciences courses listed in the catalog **except CJA 1001, 1003, 1005, 1057, and 1058**

Science and Mathematics Division: Anthropology 1501, Astronomy 1511; Biology 1510, 2203, 2250, 2255, 2257, 2260, 2370; Engineering 1510, 1520, 1530, 1540, 1550, 2000; Chemistry 1520, 2108; Health Education 1510, 1543; Math 1050, 1060, 1520, 1530, 1540, 1560, 2100, 2120, 2130, 2140; and Statistics 1510.

Applied Technologies Division: All Business and Business Administration courses (except Management), Computer Science, Energy 1540, Industrial Education Automotive 1010, 1011, 1020, 1030, 1031, 1040, 1050, 1060, 1080, 1090, 1500 and Water 1510 and 1610.

Requirements for Associate degrees:

**+D. GENERAL EDUCATION REQUIREMENTS (18 units – one from each category)**

|                                      |  |  |   |
|--------------------------------------|--|--|---|
| <b>Natural Science<br/>(3 units)</b> | <input type="checkbox"/> ANTH 1501   | <input type="checkbox"/> ESCI 1520       | = |
|                                      | <input type="checkbox"/> ASTR 1511   | <input type="checkbox"/> GEOG 1510       |   |
|                                      | <input type="checkbox"/> BIOL 1500, 1501, 1510, 1513,<br>2201, 2202, 2203, 2204, 2250,<br>2255, 2256, 2257, 2260, 2370 | <input type="checkbox"/> GEOL 1500, 1501 |   |
|                                      | <input type="checkbox"/> CHEM 1510, 2108, 2109, 2211   | <input type="checkbox"/> IEA 1500        |   |
|                                      | <input type="checkbox"/> ENER 1020, 1510   | <input type="checkbox"/> PHYS 1510, 2221 |   |
|                                      |  | <input type="checkbox"/> PSCI 1520       |   |
|                                      |  | <input type="checkbox"/> PSYC 2050       |   |

Fields of Study:

**CRIMINAL JUSTICE ADMINISTRATION-CORRECTIONS: ASSOCIATE IN SCIENCE**

| <u>Required Courses</u> |             |  | <u>Units</u> |
|-------------------------|-------------|--|--------------|
| CJA                     | 2103        | Concepts of Criminal Law                         | 3            |
| <b>ADMJ</b>             | <b>1501</b> | <b>Introduction to Administration of Justice</b> | <b>3</b>     |
| CJA                     | 1521        | Introduction to Corrections                      | 3            |
| <b>ADMJ</b>             | <b>1508</b> | <b>Introduction to Corrections</b>               | <b>3</b>     |
| CJA                     | 2131        | Control and Supervision in Corrections           | 3            |
| CJA                     | 2133        | Legal Aspects of Corrections                     | 3            |
| CJA                     | 2134        | Correctional Interviewing and Counseling         | 3            |
| CJA                     | 2135        | Public Safety Communications                     | 3            |
| <b>Total</b>            |             |  | <b>18</b>    |

**CERTIFICATE OF ACHIEVEMENT: CRIMINAL JUSTICE ADMINISTRATION-CORRECTIONS**

| <u>Required Courses</u>    |                             |  | <u>Units</u> |
|----------------------------|-----------------------------|--|--------------|
| <b>ADMJ</b>                | <b>1501</b>                 | <b>Introduction to Administration of Justice</b> | <b>3</b>     |
| CJA                        | 2103                        | Concepts of Criminal Law                         | 3            |
| <del>CJA</del> <b>ADMJ</b> | <del>1521</del> <b>1508</b> | Introduction to Corrections                      | 3            |
| CJA                        | 2131                        | Control and Supervision in Corrections           | 3            |
| CJA                        | 2133                        | Legal Aspects of Corrections                     | 3            |
| CJA                        | 2134                        | Correctional Interviewing and Counseling         | 3            |
| CJA                        | 2135                        | Public Safety Communications                     | 3            |
| <b>Total</b>               |                             |  | <b>18</b>    |

**LIBERAL ARTS: ARTS AND HUMANITIES**

| <u>Courses</u>  |                 | <u>Units</u>  |
|---|-----------------|---|
| <i>Select 18 units from the following courses and from 3 different disciplines:</i> |                 |   |
| <del>AMSL</del>   | <del>2010</del> | <del>Music and Poetry</del> 3 currently inactivated |
| ART   | 1600            | Basic Design 3                                      |
| ART   | 1610            | Advanced Design 3                                   |
| ART   | 1620            | Drawing and Composition 3                           |

|                 |                 |   |              |
|-----------------|-----------------|---|--------------|
| ART             | 1631            | Figure Drawing                                  | 3            |
| ART             | 1640            | Painting  | 3            |
| ART             | 1650            | Watercolor Painting                             | 1            |
| ART             | 1800            | Introduction to Computer Art                    | 3            |
| ART             | 1811            | Graphic Design                                  | 3            |
| ART             | 1820            | Computer Imaging: Adobe Photoshop               | 3            |
| ART             | 1850            | Website Production                              | 3            |
| ART             | 2010            | Introduction to Printmaking                     | 3            |
| ARTH            | 1500            | Art Appreciation                                | 3            |
| ARTH            | 1510            | Prehistoric to Renaissance Art History          | 3            |
| ARTH            | 1520            | Renaissance to Contemporary World Art History   | 3            |
| ARTH            | 2040            | Survey of African, Oceanic and the Americas Art | 3            |
| ARTH            | 2030            | Survey of Asian Art                             | 3            |
| DRAM            | 1510            | Introduction to Theatre                         | 3            |
| DRAM            | 1535            | Elementary Acting                               | 3            |
| ENGL            | 1600            | Critical Thinking, Literature, and Composition  | 3            |
| ENGL            | 1700            | Creative Writing                                | 3            |
| ENGL            | 1725            | Creative Writing: Poetry                        | 3            |
| ENGL            | 1750            | Creative Writing: Fiction                       | 3            |
| ENGL            | 1775            | Creative Writing: Nonfiction                    | 3            |
| ENGL            | 2300            | Women's Literature through the Ages             | 3            |
| <b>ENGL</b>     | <b>2100</b>     | <b>American Literature I</b>                    | <b>3</b>     |
| <del>ENGL</del> | <del>2400</del> | <del>American Literature since 1865</del>       | <del>3</del> |
| <b>ENGL</b>     | <b>2150</b>     | <b>American Literature II</b>                   | <b>3</b>     |
| ENGL            | 2500            | Chicano Literature                              | 3            |
| ENGL            | 2600            | World Literature 1                              | 3            |
| ENGL            | 2650            | World Literature 2                              | 3            |
| ENGL            | 2700            | British Literature 1                            | 3            |
| ENGL            | 2750            | British Literature 2                            | 3            |
| HIST            | 2202            | Western Civilization to 1600                    | 3            |
| HIST            | 2204            | Western Civilization from 1600                  | 3            |
| HUM             | 1500            | Introduction to the Humanities                  | 3            |
| HUM             | 2010            | Introduction to Film Studies                    | 3            |
| MUSC            | 1510            | Music Appreciation                              | 3            |
| PHIL            | 1501            | Introduction to Philosophy                      | 3            |
| PHIL            | 1531            | The World's Living Religions                    | 3            |
| PHOT            | 1510            | Basic Photography                               | <b>2+ 3</b>  |
| SPAN            | 2001            | Intermediate Spanish III                        | 5            |
| SPAN            | 2002            | Intermediate Spanish IV                         | 5            |

Course Descriptions:

Art (ART) 1620 -Drawing and Composition (3 Units) CSU:UC

[formerly Art 25; Art 25A]

Prerequisite: None

Total Hours: ~~32~~ 24 hours lecture; ~~64~~ 72 hours lab (96 hours total)

Transfer Credit: CSU:UC

This course presents principles, elements, and techniques in drawing and painting, stressing visual organization, and effective expression in various media. Additional art supplies may be required.

Art (ART) 1631 Figure Drawing (3 Units) CSU:UC

[formerly Art 10AB, Art 1630]

Advisory: Successful completion of ART 1620 strongly recommended

Total Hours: ~~32~~ 24 hours lecture; ~~48~~ 72 hours lab (~~80~~ 96 hours total)

Transfer Credit: CSU:UC

This course is an introduction to drawing the human figure from observation using a wide variety of drawing media and techniques-beginning course in figure drawing using live models. The focus of this course is pictorial concepts and portraiture motivated by the study of anatomy and the human figure, both mannequins and live models, in the studio setting. Additional art supplies may be required. ~~Students are responsible for supplying their own art supplies.~~ C-ID: ARTS 200

Art (ART) 1640 Painting (3 units) CSU:UC

[formerly Art 26ABCD; Art 25B]

~~Advisory~~Prerequisite: Successful completion of Art 1600 or 1620 strongly recommended with a grade of "C" or better

Total hours: ~~32~~ 24 hours lecture; ~~48~~ 72 hours lab (~~96~~ 80 hours total)

Transfer Credit: CSU:UC

~~This course presents techniques in painting, stressing visual organization and effective expression in various media.~~ This course is an introduction to principles, elements, and practices of painting. Focusing on exploration of painting materials, perceptual skills and color theory, painting mixing and technique, as well as creative responses to materials and subject matter. Additional art supplies may be required. C-ID: ARTS 210

ART (ART) 1800 Introduction to Computer **Digital Art** (3 Units) CSU

[formerly Art 30B]

Advisory: Successful completion of Art 1600 or 1620 ~~with a grade of 'C' or better~~ strongly recommended

Total Hours: 32 hours lecture; 64 hours lab (96 hours total)

Transfer Credit: CSU

This course is an introduction to the basic principles and techniques ~~of using computer (Adobe Illustrator) to generate graphics and illustrations,~~ related to digital art. Students will learn how to utilize concept design, color, composition, and typography to create esthetically pleasing graphics, illustrations and time-based art Students may opt to receive credit in either Art 1800 or Computer Science 1800, not both. C-ID: ARTS 250

Art History (ARTH) 1500 Art Appreciation (3 Units) CSU:UC

[formerly Art 1500; Art 2]

Prerequisite: Eligibility for English 1000 and Reading 1005 **strongly recommended**

Total Hours: 48 hours lecture

*Transfer Credit: CSU:UC*

This course is structured especially for non-art majors. ~~It is designed to assist the student to see and respond to the visual arts in global cultures and analyze how the art functions within those cultures.~~ **This course provides a general introduction to art that offers a look at works of art through the study of theory, terminology, themes, design principles, media, techniques, with an introduction to the visual arts across time and diverse cultures.** Visit to an art museum during the semester is required.

Biology (BIOL) 1500 Fundamentals of Biology (3 Units) CSU:UC

[formerly Biology 1]

Advisory: Eligibility for English **1500** ~~1000~~ and Reading ~~1005~~ strongly recommended

Total Hours: 48 hours lecture

*Transfer Credit: CSU:UC*

This survey of the principles of biology includes cell theory, cell division, heredity, and anatomy and physiology of plants and animals. The course also includes a survey of the principle groups of plants and animals. This course is a non-majors life science course.

Biology (BIOL) 2202 General Zoology (5 Units) CSU:UC

[formerly Zoology 1A]

Prerequisite: Successful completion in **Eligibility for** Mathematics **1500 or higher** ~~1060~~ or high school intermediate algebra with a grade of "C" or better

**Advisory: Completion of Biology 2201 and eligibility for English 1500 strongly recommended**

Advisory: Eligibility for English ~~1000~~ and Reading ~~1005~~ strongly recommended

Total Hours: 48 hours lecture; 96 hours lab (144 hours total)

*Transfer Credit: CSU:UC*

~~A survey of the animal kingdom, this course is designed as an introduction to the principles of animal biology with special reference to comparative anatomy, physiology, evolution, and ecology. Laboratory work includes the study of cells, tissues, and organ systems of the frog and representatives of the major invertebrate groups. A number of field trips serve as an introduction to field biology.~~

**This course is intended for majors, and includes a survey of animal phyla and non-photosynthetic, single-celled, eukaryotic taxa. It covers the comparative structure, function, and life cycles of animals, as well as principles of evolution, taxonomy, and systematics. Topics include development, morphology and physiology, phylogeny, and behavior of animals, as well as principles of evolution, mechanisms of evolutionary change, and speciation. Field trips are required. Students who intend to transfer to a UC should take BIOL 2202 after BIOL 2201.**

Biology (BIOL) 2203 General Botany (4 Units) CSU:UC

[formerly Botany 1 and Botany 1L]

Prerequisite: Successful completion in of **Eligibility for** Mathematics **1500 or higher** ~~1060~~ or high school intermediate algebra with a grade of "C" or better

Advisory: **Completion of Biology 2201 and** eligibility for English ~~1000~~ **1500** and Reading ~~1005~~ strongly recommended

Total Hours: 48 hours lecture; 48 hours lab (96 total hours)

*Transfer Credit: CSU:UC*

This is a basic course in plant biology for all students of plant or animal science and serves as an introduction to the fundamental principles of biology as illustrated by plants. Emphasis is placed on the morphology, physiology, evolution, and ecology of the major plant groups. The lab serves as an introductory laboratory course designed to survey the plant kingdoms. The lab includes the microscopy of plants, mitosis, life cycles, reproduction, cell structure, anatomy, adaptation, ecology, and identification of plant groups as well as local native and landscape plants.

**This course is intended for majors and covers comparative diversity, structure, and function of plant, fungal, and protistan phyla. Topics include development, morphology and physiology, taxonomy and systematics. Principles of population and community ecology and ecosystem interactions are emphasized. Students who intend to transfer to a UC should take BIOL 2203 after BIOL 2201.**

Remove from Catalog

|                              |
|------------------------------|
| BUSN 1052 General Accounting |
|------------------------------|

Chemistry (CHEM) 1510 Introductory College Chemistry (4 Units) CSU:UC

[formerly Chemistry 10]

Prerequisite: Successful completion of Mathematics 0240 ~~1050~~ with a grade of "C" or higher or Eligibility for Mathematics ~~1050~~ **1060**

Advisory: Eligibility for English ~~1000~~ **1500** and Reading ~~1005~~ strongly recommended

Total Hours: 48 hours lecture; 48 hours lab (96 hours total)

*Transfer Credit: CSU:UC*

This is an introductory course emphasizing basic principles of inorganic and organic chemistry with a brief introduction to biochemistry and contemporary chemistry problems. **This course is a survey of basic chemistry topics. This course is intended as preparation for chemistry and allied health majors, and general education.** This is a general education course not open to students with credit in Chemistry 2211 (for non-science majors or students who need an introductory chemistry course).

Chemistry (CHEM) 2211 General Chemistry (5 Units) CSU:UC

[formerly Chemistry 1A]

Prerequisite: Successful completion of Chemistry 1510 and Mathematics 1060 with grades of "C" or better; high school chemistry ~~or physics~~ and intermediate algebra or trigonometry with grades of "C" or better ~~are acceptable alternatives~~ **as part of the qualification by assessment process.**

Advisory: Eligibility for English 1500 strongly recommended

Total Hours: 48 hours lecture; 96 hours lab (144 hours total)

*Transfer Credit: CSU:UC*

This is the first semester of a one-year course sequence in chemistry intended for majors in the natural sciences (chemistry, biochemistry, biology, physics, pre-medicine), mathematics and engineering. C-ID: CHEM 110

Criminal Justice Administration (CJA) 1001 - Corrections Officer Core Course (~~5.5~~ **6.5** Units)

[Formerly Criminal Justice Administration 52]

Prerequisite: None

Total Hours: ~~32~~ **50** hours lecture; 158 hours lab (~~190~~ **208** hours total)

*Degree Applicable*

This course provides the student with the necessary knowledge and skills required to effectively supervise inmates in a correctional setting. The course is designed to comply with the Board of

~~Corrections guidelines in the standard training for corrections (Basic CORE course for corrections officers in local detention facilities). It will cover professionalism, laws, and the criminal justice system, custody and supervision of inmates, demonstrated skills in the handling of contraband, restraint techniques, first aid and C.P.R., and physical conditioning. Certificate of completion issued.~~

**This course is designed to meet the corrections standards authority requirements for entry level corrections officers in adult detention facilities. This course covers various legal issues in dealing with incarcerated offenders as well as supervision of inmates, transportation, report writing, blood borne pathogens, CPR, first aid, receiving and release of inmates, weaponless defense, fire and life safety. A Corrections Officer Core Course certificate is issued at the completion of this course. This course has a material fee.**

Criminal Justice Administration (CJA) 1003 Chemical Agent Deployment (1.5 Units)

[Formerly Criminal Justice Administration 73]

Prerequisite: ~~None~~ **This class is restricted to individuals currently employed in the criminal justice system**

Total Hours: 24 hours lecture

*Degree Applicable*

~~This course is designed to provide students with the practical, safe, legal, and technical aspects of deploying chemical agents in the confines of a correctional facility. It will also cover the proper use of the devices used to deliver the chemical agent and the use of the gas mask and the decontamination process. This course is offered on a credit/no credit basis only.~~

**Intended for peace officers, correctional officers, juvenile institutions staff and probation officers. Provides the required competencies and certification for the use of chemical agent sprays. This course meets the training requirements as set forth by the Corrections Standards Authority for counties participating in the Standards and Training for Corrections Program. This course includes physical activity and exposure to chemical agents for training purposes. This course is offered on a pass/no pass basis only. This course has a material fee.**

Criminal Justice Administration (CJA) 1004 Defensive Tactics and Weaponless Defense (1 Unit 1.5 Unit)

[Formerly Criminal Justice Administration 60; Police Science 60]

Prerequisite: ~~None~~ **This class is restricted to those individuals that are currently employed in the criminal justice system**

Total Hours: 24 hours ~~lecture~~ **lecture** for 8 weeks

*Degree Applicable*

~~This course is designed to train law enforcement personnel to perform their daily tasks with less danger to themselves and to increase their ability to control prisoners or suspects in a humane manner. Students must provide their own gym clothing, a Sam Brown belt (less revolver), and a regulation baton.~~

**This course is designed to provide corrections officers, first line supervisors, and probation officers with advanced skills in the area of weaponless self-defense through refreshment and enhancement of skills developed in the Basic Core Courses. This course includes the application of handcuffing techniques. Strenuous physical activity is involved.**

Criminal Justice Administration (CJA) 1005 Unarmed Self-Defense (2.5 Units)

[Formerly Criminal Justice Administration 61]

Prerequisite: Successful completion in CJA 1001 or CJA 1057. **This class is restricted to those individuals currently working in the criminal justice system.**

Advisory: ~~In good health~~ **Participating students should be able to perform physical actions related to self-defense.**

Total Hours: 16 hours lecture; 80 hours lab (96 hours total)

*Degree Applicable*

This is a course that deals with an advanced curriculum of self-defense and is designed specifically for law enforcement and corrections candidates and personnel. A high level of physical fitness will be obtained as well as a study and practice of control holds, escape techniques, kicks, blocks, punches, and take-downs. This is a confidence building course that delves into the assessment of various threat levels and their elimination, as well as the avoidance of confrontations when feasible.

**This course provides training to law enforcement, corrections and security officers to perform their daily tasks with less danger to themselves and to increase their ability to control suspects and prisoners in a humane and lawful manner. This course meets the training requirements as set forth by the Corrections Standards Authority for counties participating in the Standards and Training for Corrections Program.**

~~Criminal Justice Administration (CJA) 1057 Reserve Officer Training—Arrest and Control Techniques~~ **PC 832 (1/2 2.5 units) (1 unit per semester; limit 4 units)**

[Formerly Criminal Justice Administration 57ABCD]

~~(Level 3 Module A, Commission on Peace Officer's Standards and Training, Department of Justice, State of California)~~

Prerequisite: None

Total Hours: ~~4 hours lecture; 36 hours lab (40 hours total)~~ **40 hours lecture**

*Degree Applicable*

This course introduces methods and regulations used by peace officers regarding the powers of arrest, search and seizure. Students will engage in the use of weaponless self-defense and physical arrest activities. The course is designed primarily to meet the requirements of California Penal Code Section 832, which establishes a minimum mandatory standard of training for Peace Officers in the State of California. ~~This course m~~**Meets the Commission on Peace Officers Standards and Training (POST) requirements. This course includes strenuous physical activity.** This course is offered on a ~~credit/no credit~~ **credit/pass/no pass** basis only. **This course is repeatable. Only 2.5 units can be applied towards an Associate degree.**

~~Criminal Justice Administration (CJA) 1058 Reserve Officer Training—PC 832 Firearms Training (1/2 1.5 unit per semester; limit 2 6 units)~~

[Formerly Criminal Justice Administration 58ABCD]

Prerequisite: ~~None~~ **Successful completion of CJA 1057 with a passing grade**

Total Hours: ~~4 hours lecture; 20 hours lab (24 hours total)~~ **24 hours lecture**

*Degree Applicable*

The course is designed primarily to meet the requirements of Penal Code Section 832, which establishes a minimum mandatory standard of training for Peace Officers in the State of California. Students will engage in the use of firearms. ~~Meets P.O.S.T.POST~~ **Meets P.O.S.T.POST** requirements for Firearms Training. This course is offered on a credit/no credit basis only.



This course covers ~~Provides students with~~ the competencies required for certification by Peace Officer Standards and Training (P.O.S.T.POST) for Penal Code section 832 Firearms. This course includes ~~Students will~~ engagement in the use of firearms, which will include handgun familiarization, safety, care, cleaning and storage, and firearms range qualifications. This course is offered as ~~credit/no credit~~ pass/no pass basis only. Only 1.5 units can be applied towards an Associate degree.  
\*SPECIAL NOTICE: Per Penal Code section 13511.5, students must obtain written clearance from the California Department of Justice verifying that they are not prohibited from possessing firearms.

Remove from Catalog

|     |      |                                    |
|-----|------|------------------------------------|
| CJA | 1549 | Vocational Work Experience         |
| CJA | 2103 | Concepts of Criminal Law           |
| CJA | 2104 | Legal Aspects of Evidence          |
| CJA | 2113 | Criminal Investigation             |
| CJA | 2130 | Corrections Supervisor Core Course |

Criminal Justice Administration (CJA) 2115 Patrol Procedures (3 units) CSU

[Formerly Criminal Justice Administration 15]

Prerequisite: None

Advisory: ~~Eligibility for English 1000 and Reading 1005 strongly recommended~~ **Successful completion of English 1500 with a grade of "C" or better strongly recommended**

Total Hours: ~~3 hours lecture~~ **48 hours lecture**

Transfer Credit: CSU

~~Catalog Description: Theories, philosophies and concepts related to the role expectations of the line enforcement officer are explored. Emphasis is placed on the patrol, traffic and public service responsibilities and their relationship to the administration of justice system.~~

**This course examines the basic responsibilities, techniques and methods of police patrol and operations, including theories of patrol, goals, patrol environment, hazards, community-oriented policing, and problem-oriented policing. In addition, this course analyzes patrol supervision, staffing and deployment, special issues in patrol operations, upgrading the patrol function, traffic enforcement, the handling of criminal activity, report writing as well as ethics in law enforcement.**

Criminal Justice Administration (CJA) 2131 Control and Supervision in Corrections (3) CSU

Prerequisite(s): None

Advisory: **Successful completion of ENGL 1500 with a grade of 'C' or better strongly recommended;**

Total Hours: 48 hours lecture

Transfer Credit: CSU

~~Catalog Description: This course offers an overview of supervision of inmates in the local, state and federal correctional institutions. The issues of control in a continuum from institutional daily living through crisis situations will be introduced and discussed. The course will emphasize the role played by the offender and correctional worker. Topics will include inmate sub-culture, violence and the effects of crowding on inmates and staff, and coping techniques for correctional officers in a hostile prison environment. The causes and effects of abusive behavior by correctional staff and inmates will also be discussed.~~

**This course offers an overview of the supervision of inmates in local, state and federal correctional**

**institutions. The issues of control and supervision in a correctional environment will emphasize the role played by the correctional employee and incarcerated persons. Topics will include inmate sub-culture, gangs, substance abuse, violence, legal considerations, effects of overcrowding on inmates and staff, and coping techniques for correctional officers in a prison environment. The causes and effects of abusive behavior by correctional staff and inmates will also be discussed.**

Criminal Justice Administration (CJA) 2135 Public Safety Communications (3) CSU

[formerly Criminal Justice Administration 35]

Advisory: Eligibility for **Successful completion of** English 1500 **with a 'C' or better**;

Total Hours: 48 hours lecture

*Transfer Credit: CSU*

This is an introductory course dealing with all aspects of public safety communication. It will cover the techniques of effectively communicating facts, information, and ideas in a clear and logical manner for a variety of public safety **communications systems reports**, i.e. crime/violation/incident reports, letters, memoranda, directives, and administrative reports. ~~Students will gain practical~~ **The course includes** experience **opportunities** in interviewing, note taking, **and** report writing. ~~and testifying.~~

Remove from Catalog

|      |      |   |
|------|------|---|
| COSC | 1800 | Introduction to Computer Art                              |
| COSC | 1820 | Computer Imaging: Adobe Photoshop                         |
| COSC | 1850 | Web Site Production                                       |
| COSC | 1860 | Introduction to Computer Animation for Web and Multimedia |

Drama (DRAM) 1535 Elementary Acting (3 Units) CSU:UC

[formerly Drama 35]

Advisory: Eligibility for English 1000 and Reading 1005 strongly recommended

Total Hours: 48 hours lecture

*Transfer Credit: CSU:UC*

This course prepares a student to apply basic acting theory to performance and develops the skills of interpretation of drama through acting. Special attention is paid to skills for performance: memorization, stage movement, vocal production, and interpretation of text.

This general course is a study of acting as an art and profession, and emphasizes performance and practical problems of the theater.

Early Care, Education and Family Studies (ECEP) 1511 Creative Experiences for Children (3 Units) (DS 3) CSU

[formerly Early Childhood Education 1511; Early Childhood Education 3]

Advisory: Eligibility for English 1000 and Reading 1005 strongly recommended;

Total Hours: 48 hours lecture

*Transfer Credit: CSU*

This course develops a sensitivity for children and their instructional needs and introduces learning experiences and techniques and curricula that promotes ~~will help develop the potential for~~ creativity in young children, cognizant of differences in culture and learning abilities. as well as the other domains of development. Various methodologies and theories will be presented for setting up developmentally appropriate environments conducive to creativity, respectful of culture and

ability and where children's interest and need for play are emphasized. The value and benefit of play and creative experiences to the whole child will be explored.

Early Care, Education and Family Studies (ECE) 2051 -Adult Supervision: Mentoring in a Collaborative Learning Setting (3 Units) CSU

[formerly Early Childhood Education 2051; Early Childhood Education 47]

Advisory: Eligibility for English 1000 and Reading 1005 strongly recommended, successful completion of 12 units of ECE, and 2 years experience in an early childhood setting;

Total Hours: 48 hours lecture

*Transfer Credit: CSU*

This course is a study of the methods and principles of supervising student teachers, assistant teachers, parents and volunteers in Early Care, Education and Family Studies classrooms. Emphasis is on the role of classroom teachers who function as mentors and leaders to new teachers while simultaneously addressing the diverse and special needs of children, parents, and other staff. This course is designed for teachers ready to mentor practicum students and teachers new to the field.

English (ENGL) 0900 Intermediate Writing and Grammar (4 units)

(formerly English 55A,B)

Prerequisite: Qualification by assessment process or successful completion of English 0800 with a grade of "C" or better

Total Hours: ~~64~~ **60** hours lecture; 16 hours lab (~~80~~ **76** hours total)

*Not Degree Applicable*

This course reviews basic communication skills, specifically targeting academic writing through composing, revising, and editing essays. It fuses writing and reading skills through vocabulary acquisition and reading short works. Particular attention is placed on applying grammar, punctuation, and mechanics to writing.

Earth Science (ESCI) 1520- Introduction to Earth Science Lecture and Laboratory (4 Units) CSU:UC

[formerly Earth Science 1]

Advisory: **Successful completion of** Mathematics 1060 with a grade of "C" or better **and** Eligibility for English 1500 ~~and Reading 1505~~ strongly recommended.

Total Hours: 48 hours lecture; 48 hours lab (96 total hours)

*Transfer Credit: CSU:UC*

~~This course is a brief introduction to the earth sciences: astronomy, geology, meteorology, and oceanography. This course introduces the fundamental concepts of astronomy, including planetary origin and motions; geology, including origin and composition of earth, landforms, and plate tectonics; meteorology, including climate and weather; and oceanography, including ocean currents and tides. The course is designed for liberal arts and education majors.~~

This course is aAn introduction to the essentials of Earth Science with a laboratory. The sciences that collectively make up Earth science include geology, oceanography, meteorology, and astronomy. **Topics include the geosphere, atmosphere, hydrosphere, and solar system.** This course focuses on the interactions between physical and chemical systems of the Earth such as the tectonic cycle, rock cycle, and hydrologic cycle. ~~Students learn~~This course covers the distinction between weather and climate and an understanding of Earth's place in the larger universe. ~~weather and climate.~~

Geology (GEOL) 1500 Introduction to Geology (4 Units) CSU:UC

[formerly Geology 10]

Advisory: Eligibility for English 1000 **1500** and Reading 1005 strongly recommended

Total Hours: 48 hours lecture; 48 hours lab (96 hours total)

*Transfer Credit: CSU:UC*

Catalog Description: This course studies the basic principles of geology including laboratory study of minerals and rocks, structure of rock masses in the field, earthquakes, interpretation of geologic maps and evolution of natural landscapes. Field trips are required to certain local points of geological interest.

**An introduction to the principles of geology with emphasis on Earth processes. This course focuses on the internal structure and origin of the Earth and the processes that change and shape it. The laboratory component focuses on the identification of rocks and minerals, topographic and geologic map exercises demonstrating the work of water, wind, ice and gravity and effects of tectonic activity. Field trips are required to certain local points of geological interest.**

History (HIST) 2210 World Civilization to **1500** ~~1600~~ (3 Units) CSU:UC

[formerly History 5A]

Advisory: Eligibility for English 1500 strongly recommended

Total Hours: 48 hours lecture

*Transfer Credit: CSU:UC*

Catalog Description: This course surveys World History from the emergence of human beings through the Renaissance. Topics will include the River Civilizations, Greece, Rome, China, India, and Southeast Asia, Islam, Early American Civilizations, Africa and the emergence of Europe.

Remove from Catalog

|                     |
|---------------------|
| HLED 1520 First Aid |
|---------------------|

Industrial Education Safety (IES) 1100 Basic Employee Safety for General Industry (.25 Unit)

[formerly Petroleum Technology 95T]

Prerequisite: None

Total Hours: ~~4 hours lecture; 4 hours lab (8 hours total)~~ **7.5 hours lecture**

*Degree Applicable*

This course will satisfy the minimum safety training required by most companies found in industries requiring ~~man and~~ **human** machines to interface. There are ten topics presented that are most commonly encountered by workers. ~~Certificates are presented and must be renewed annually to assure that the most current information is received.~~ This course is offered on a Pass/No Pass **basis with the option to receive a letter grade.**

Industrial Education Safety (IES) 1125 Passport and Medic First Aid Refresher (.25 Unit)

Prerequisite: Successful completion of Industrial Education Safety 1107 with a grade of "C" or better

Total Hours: ~~4 hours lecture; 4 hours lab (8 hours total)~~ **7 hours lecture; 1 hour lab** (8 hours total)

*Degree Applicable*

This course covers the basic level of safety awareness required of all contractor personnel working on the properties of the California Oil Producers. Inclusion of First aid and CPR refresher training is intended to review knowledge, practice skill sets, and introduce new concepts and skills as necessary to support

patients until the arrival of professional emergency response personnel. Course is repeatable if mandated for training requirements as a condition of continued paid or volunteer employment.

Learning Skills (LRSK) 0910 Basic Academic Preparation (0 Units)

[formerly Learning Skills 62ABCD]

Prerequisite: None

Total Hours: 48 hours lecture

**Non Credit**

This course offers instruction to maximize student learning potential and increase efficiency in core curricula (science, social studies, arts and literature, and mathematics) **required** for basic academic preparation. The course also addresses **the** development of the affective domain in being **for** successful in college. This is a non-credit class. **This class is offered on an open-entry/open-exit basis.**

Learning Skills (LRSK) 0911 Basic Academic Preparation in Spanish (0 Units)

**Prerequisite: None**

**Total Hours: 96 hours lecture**

**Non Credit**

**This course offers instruction to maximize student learning potential and increase efficiency in core curricula (science, social studies, arts and literature, and mathematics) for basic academic preparation and is taught in Spanish. The course also addresses development of the affective domain in being successful in college. This is a non-credit class. This course is offered on an open-entry/open-exit basis. For additional assistance, student may be referred for specialized tutoring.**

Remove from Catalog

|           |                                     |
|-----------|-------------------------------------|
| MATH 1070 | Plane Geometry                      |
| MATH 1560 | Introduction to Mathematic Analysis |

MATH 1500 Math for a Modern Society - A Liberal Arts Course (4)

[FORMERLY MATH 18]

*Prerequisite: Successful completion in Mathematics 1060 or **the equivalent** two years of high school algebra with a grade of 'C' or better*

*Total Hours: 64 hours lecture*

*Transfer Credit: CSU: UC\*\**

A liberal arts mathematics course designed for students whose majors do not require calculus, this applications-orientated course involves the study of several topics from modern society. At least six independent parts will be included: thinking critically, approaches to problem solving, numbers in the real world, financial management, statistical reasoning, and exponential modeling.\*UC credit not granted for Math 1500 if taken after Math 2120

*\*\*UC credit may be granted after transfer*

MATH 1520 Finite Mathematics (3)\*

[FORMERLY MATH 11]

*Prerequisite: Successful completion in Math 1060 or **the equivalent** two years of high school algebra with a grade of 'C' or better*

*Advisory: Eligibility for English 1000 and Reading 1005 strongly recommended*

Total Hours: 48 hours lecture

Transfer Credit: CSU: UC

Linear functions, systems of linear equations and inequalities, matrices, linear programming, mathematics of finance, sets and Venn diagrams, combinatorial techniques and an introduction to probability. This course has applications in business, economics, and social sciences.

MATH 1540 Pre-calculus Mathematics (4)

[FORMERLY MATH 15]

Prerequisite: Qualification by assessment process or completion of Mathematics 1060 and Mathematics 1530, or **the equivalent two years of high school algebra and trigonometry with a grade of 'C' or better**

Advisory: Eligibility for English 1000 and Reading 1005 strongly recommended

Total Hours: 64 hours lecture

Transfer Credit: CSU: UC

Preparation for calculus: polynomial, absolutevalue, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs; analytic geometry, polar coordinates

Mathematics (MATH) 2100 Analytic Geometry and Calculus I (5 Units) CSU:UC

[formerly Mathematics 3A]

Prerequisite: Successful completion of **Mathematics 1060 (or two years of high school algebra with a grade of "C" or better), and Mathematics 1530 (or high school trigonometry with a grade of "C" or better), and Mathematics 1540 with a 'C' or better or equivalent.**

Total Hours: 80 hours lecture

Transfer Credit: CSU:UC

This course is a beginning course in calculus and analytic geometry including functions, limits and continuity, derivatives, integrals, applications of derivatives and integrals, transcendental functions, and Fundamental Theorem of Calculus. This course is primarily for Science, Technology, Engineering and Math majors, and is taught with a computer component (Maple).

Remove from Catalog

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|-------------------------------|
| PHYS 1510 Descriptive Physics |
|-------------------------------|

Physical Science (PSCI) 1520 Introduction to Physical Science Lecture and Laboratory (4 units) CSU:UC

[Formerly Physical Science 1]

Prerequisite: None

Advisory: Mathematics 1060 with a grade of "C" or better. Eligibility for English 1500 and Reading 1505 strongly recommended

Total Hour: 48 hours lecture; 48 hours lab (96 hours total)

Transfer Credit: CSU:UC

This course introduces the fundamental concepts of physics and chemistry. Physics topics include motion, force, simple machines, work, energy, conservation of energy, electricity, magnetism, thermodynamics, and electromagnetic radiation. Chemistry topics include atomic theory and structure, the periodic table, chemical and physical properties of elements and compounds, chemical reactions, chemical bonding, solutions, and organic chemistry. The course is designed for liberal arts and education majors.

Remove from Catalog

|      |      |   |
|------|------|---|
| PSYC | 1601 | Current Topics in Psychology: Psychology Field Service Introduction |
| PSYC | 1602 | Current Topics in Psychology: Psychology Field Service Pilot Study  |
| PSYC | 1603 | Current Topics in Psychology: Psychology Field Service Fund Raising |
| PSYC | 1604 | Current Topics in Psychology: Psychology Field Service Research     |

Psychology- (PSYC) 2030 Human Sexuality (3 Units) CSU:UC

[formerly Psychology 30]

Advisory: Eligibility for English 1500 strongly recommended

Total Hours: 48 hours lecture

*Transfer Credit: CSU:UC*

This course is a study of human sexual behavior from the physiological, psychological, and sociological points of view. Specific theories and research findings are reviewed, and their relevance to individual sexual development and functioning are considered. Major topics covered include: sexual and reproductive anatomy, hormones and sexuality, sexual responses, sexually transmitted infections and related diseases, gender identity and gender roles, sexual orientation, adult sexual behaviors and attitudes, sexual problems and therapy, paraphilias and sexual variants, sexual victimization, and the social and legal issues relating to sexuality. C-ID: PSY 130

This course is an introductory overview of the field of human sexuality. Human sexuality will be examined from psychological, biological, sociocultural, and historical perspectives. Students will be encouraged to become aware of their own sexual attitudes, values, and behaviors and to evaluate the consistency of their behaviors within their own moral frameworks. Current sex norms and various aspects of interpersonal and individual sexual adjustment will be explored. C-ID: PSY 130

Psychology (PSYC) 2050 Introduction to Biological Psychology (3 units) CSU

Advisory: Successful completion of Biology 1500 or 1510 and English 1500 with a 'C' or better

Total Hours: 48 hours lecture

*Transfer Credit: CSU*

This course introduces the scientific study of the biological bases of behavior and its fundamental role in the neurosciences. Physiological, hormonal, and neurochemical mechanisms, and brain-behavior relationships underlying the psychological phenomena of sensation, perception, regulatory processes, emotion, learning, memory, and psychological disorders will be addressed. The course also notes historical scientific contributions and current research principles for studying brain-behavior relationships and mental processes. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental research.

Psychology (PSYC) 2200 Elementary Statistics for the Behavioral and Social Sciences (4) CSU:UC

[formerly Psychology 5]

Prerequisite: Qualification by assessment process or successful completion of Mathematics 1060

Intermediate Algebra or two years of high school algebra with a grade of "C" or better or equivalent.

Advisory: Eligibility for English 1500 strongly recommended

Total Hours: 64 hours lecture

*Transfer Credit: CSU:UC*

This course provides students with a solid foundation in statistics as used in-psychological, sociological,

and behavioral research. Students will develop a useable understanding of research design, the organization of data, measures of central tendency and variability, central tendency theory, descriptive and inferential statistics, parametric and nonparametric tests, and basic test assumptions. **The course includes application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications use data from disciplines including business, social sciences, psychology, life science, health science, and education.** C-ID: SOCI 125

Psych 2205 Introduction to Research Methods in the Social Sciences (4 Units) CSU: UC

Prerequisite: Successful completion of Psychology 1500 and Psychology 2200 or Statistics 1510 ~~and Psychology 1500~~ with grades of 'C' or better

Advisory: Eligibility for English 1500 strongly recommended.

Total Hours: 48 hours lecture; ~~48~~ 16 hours lab (96 hours total)

*Transfer Credit: CSU:UC*

~~This course is an introduction to research methodology commonly used in social science disciplines including history, psychology, sociology, anthropology, and criminal justice. Fundamental elements of empirical research and the ways behavioral scientists think critically are examined. This course includes attention to the nature of theory, hypotheses, variables, and ethics of research in the behavioral sciences. Qualitative and quantitative analytical tools are covered. Topics may include logic and research design, survey, observation, case study, focus groups, ethnographic methods, linguistic analysis, and historical/comparative research methods. Laboratory sessions include experimental and non-experimental research in a variety of areas of psychology. Actual data collected from research conducted during laboratory sessions will be analyzed with statistical software. C-ID: PSY 200~~

**This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be examined through a review of research in a variety of the subdisciplines of psychology. In laboratory sessions students will conduct experimental and non-experimental research in a variety of areas of psychology. Actual data collected from research conducted during laboratory sessions will be analyzed with statistical software.**

STAT 1510 Elementary Statistics (5)

[FORMERLY STAT 10]

Prerequisite: Successful completion in Mathematics 1060 or **the equivalent two years of high school algebra with a grade of 'C' or better**

Total Hours: 80 hours lecture

*Transfer Credit: CSU: UC*

This course emphasizes descriptive statistics including the use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications using data from disciplines including business, social sciences, psychology, life science, health science, and education, sampling, sampling distributions, measures of central tendency and measures of dispersion, introductory treatment of probability and statistical inference with one and two sample problems, confidence intervals and hypothesis testing regarding means and proportions, and correlation and linear regression, ANOVA and nonparametric techniques such as the one-sample sign test, Wilcoxon rank-



sum, Spearman's correlation, odds ratios and Kruskal-Wallis.

Student Success (STSU) 1001 Educational Planning (1.0 ~~.5~~ Units)

[formerly Student Success 1, Student Success 1501]

Prerequisite: None

Total Hours: ~~8~~ 16 hours lecture

*Degree Applicable*

This course is designed to increase understanding of educational planning. The course will include the development of an a comprehensive educational plan, institutional, instructional, and student expectations for the college experience, knowledge of college resources, sequences of courses, and academic goal requirements. Not open to students who have taken STSU 1501 or LRSK 1501.

Tutoring (TUTR) 0260 Supervised Tutoring (0)

[formerly Tutoring 60]

Prerequisite: None

Total Hours: Unlimited

**Supervised tutoring supports academic success in coursework where additional assistance is needed. To attend the course, a referral from an instructor or counselor is required. Course content is specific to each student and focuses on improving the individual's skills and ability to use reading, writing, and mathematic knowledge in problem solving. The use of homework or assignments from courses is not allowed in this course. Examples of problems similar to assigned homework are used during tutoring sessions so students may demonstrate their skills to instructors through the independent completion of assignments. Registration for this course is restricted to referred students only. This is a non-credit, positive attendance hour course. Students are assigned to this non-credit course by an instructor or counselor on the basis of an identified learning need. Students receive supervised tutoring in the Library/Learning Center. This course is offered on an open-entry, open-exit basis, meaning students can be referred at any time during the semester and can stop attending once they improve in the requested tutoring area. This course is repeatable.**