

**Las Positas College**

**Catalog Addendum**

*Spring 2019*

**New / Revised Courses:**

**AJ 54 Investigative Reporting 3 Units**

Investigative reports with emphasis upon accuracy and details necessary. Includes arrest reports, incident reports and miscellaneous field reports. Techniques and methods used to cover information; how to analyze and present information in a clear and concise report. Strongly Recommended: Eligibility for ENG 1A. 3 hours lecture. Transfer: CSU.

Degree Applicable, Credit

Grading Option: GR

**AJ 56 Fundamentals of Crime and Delinquency 3 Units**

Survey of the sociological and psychological theories pertaining to the causation of crime and delinquency. Includes ethnic considerations and their relationships. 3 hours lecture. Transfer: CSU, UC; CSU GE: D0.

Degree Applicable, Credit

Grading Option: OP

**AJ 60 Criminal Law 3 Units**

Historical development, philosophy of law and constitutional provisions; definitions, classification of crime and their application to the system of administration of justice; frequently used Penal and other code sections; case law, methodology and concepts of law as a social force. 3 hours lecture. AA/AS GE. Transfer: CSU, UC; CSU GE: D8; IGETC: 4G, 4J; C-ID# AJ 120.

Degree Applicable, Credit

Grading Option: GR

**AJ 61 Evidence 3 Units**

Origin, development, philosophy and constitutional basis of evidence; constitutional and procedural considerations affecting arrest, search and seizure; kinds and degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights and case studies. 3 hours lecture. Transfer: CSU; C-ID# AJ 124.

Degree Applicable, Credit

Grading Option: GR

**AJ 64 Patrol Procedures 3 Units**

The responsibilities, techniques of observation, community relations and methods of police patrol. Emphasis on legal and practical aspects. 3 hours lecture. Transfer: CSU.

Degree Applicable, Credit

Grading Option: GR

**AJ 66 Juvenile Procedures 3 Units**

This course is an examination of the origin, development, and organization of the juvenile justice system as it evolved in the U.S. justice system. The course explores the theories that focus on juvenile law, courts and processes, and the constitutional protections extended to juveniles in the U.S. justice system. Strongly Recommended: Eligibility for ENG 1A with a minimum grade of C. 3 hours lecture. AA/AS GE. Transfer: CSU, UC; CSU GE: D0, D8; IGETC: 4G, 4J; C-ID# AJ 220.

Degree Applicable, Credit

Grading Option: GR

**AJ 69 Sex Crime Investigation 3 Units**

Sexual assault investigations; human behavior in relation to sexual attitudes and behavior; sexual assault laws and investigations; interview and interrogation techniques; court preparation and trial phase; sex crime prevention. 3 hours lecture. Transfer: CSU.

Degree Applicable, Credit

Grading Option: GR

**AJ 70** **Community Relations** **3 Units**

This course examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics may include the consensus and conflicting values in Culture, Religion, and Law. 3 hours lecture. Transfer: CSU, UC; C-ID# AJ 160.

Degree Applicable, Credit

Grading Option: GR

**AJ 79** **Homicide Investigation** **3 Units**

Process of analysis of all aspects of the death case in order to arrive at the true cause and manner of death, whether it is murder, suicide, accidental, or natural. Emphasis on the importance of the death scene related to the investigation of cause. 3 hours lecture. Transfer: CSU.

Degree Applicable, Credit

Grading Option: GR

**AJ 9954** **Defensive Tactics Instructor** **2.5 Units**

Students will develop knowledge in practices and philosophy of use of force, basic principles and concepts of Arrest & Control and legal issues. Students will develop skills in course development, class planning, instructional techniques, and instructor liability for a defensive tactics program. Students will develop a basic lesson plan and teach assigned blocks of instruction in defensive tactics to other class participants. Students will demonstrate proficiency in the physical techniques of defensive tactics. Completion of this Defensive Tactics Instructor Course satisfies Regulation 1070 in the POST Administrative Manual. This course also satisfies the Arrest and Control perishable skills mandate. 1.5 hours lecture, 3 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: P/NP

**AJ 9965** **Internal Affairs Investigations** **1.5 Units**

Designed to teach the student the proper investigative techniques into alleged misconduct by California peace officers, correctional officers and others in the employ of any California agency that employs peace officers. The student will learn the legal, ethical, moral and technical standards by which these investigations shall be conducted under state law and the discipline that may result from the outcome. This class is designed for POST certified peace officers who hold a minimum of a basic POST certificate or civilian police employees who have been designated by their respective agency as an IA investigator. 1.5 hours lecture. Transfer: CSU.

Degree Applicable, Credit

Grading Option: P/NP

**AJ 9969** **Firearms Instructor** **2.5 Units**

Designed to train individuals to be firearms instructors. Covers basic firearms knowledge, teaching techniques and lesson planning, range preparation, combat shooting techniques and safety. A California Peace Officer Standards and Training (POST) certified course designed for full-time peace officers. 1.5 hours lecture, 3 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: P/NP

**AJ 9979** **Basic Police Cyclist** **1.5 Units**

A course designed for those newly assigned to bicycle patrol work. Covers basic cycling principles and skills, including riding in traffic, bicycle fitness, gear selection, basic maintenance, health and nutrition, emergency handling skills, hazard evasion, night riding, patrol tactics, legal issues, traffic laws and scenarios. This is a California Peace Officer Standards and Training (POST) certified course regular or reserve peace officers in federal, state, or local law enforcement. 1 hour lecture, 1.5 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: P/NP

**AJ 9980 Rifle Marksmanship and Sniper/Observer 2 Units**

A course designed to provide the necessary rifle and tactical skills for the Sniper/Observer to function in support of high-risk law enforcement operations. Course content includes team missions, organization, marksmanship skills, field craft, ballistics, information collection, reporting procedures and tactical command post. This is a California Peace Officers Standards and Training (POST) certified course designed for regular or reserve peace officers in federal, state, or local law enforcement and/or active duty military personnel. 1.5 hours lecture, 1.5 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: P/NP

**AJ 9982 Patrol Rifle Instructor 1.5 Units**

Instruction and practical exercises focused on the specific needs of the rifle instructor. Includes the use and application of the rifle as it pertains to law enforcement and the skills to instruct others in its use and maintenance. A California Peace Officers Standards and Training (POST) certified course designed for full-time peace officers 1 hour lecture, 1.5 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: P/NP

**AJ 9987 Basic S.W.A.T. 2.5 Units**

Introduces officers to basic weapons and tactical skills associated with the responsibilities of a SWAT team member. Training includes member selection and team make-up, keys to survival, introduction to tactical weapons and movement of fire, weapon retention and take away, tactical building searches, rappelling, incident management under SMEAC and liability issues. This is a California Peace Officer Standards and Training (POST) certified course designed for full-time peace officers approved for SWAT training for their agency. 1.5 hours lecture, 3 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: P/NP

**AJ 9995 Firearms/Tactical Rifle for the First Responder .5 Units**

This course is designed to train individuals in the use of the patrol rifle or carbine. This course will enable the first responder an option now becoming the standard in Law Enforcement. Some of the topics covered are rifle safety, marksmanship, zeroing procedures, firing positions, ballistics, reloading drills, malfunction drills, proper use of the rifle sling, basic tactics, low light engagements, and cover. Each attendee will be required to demonstrate proper usage and safe handling of the rifle. This course is designed for full time sworn law enforcement and/or active duty military personnel and other Public Safety First Responders. 1.5 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: P/NP

**AJ 9997 Law Enforcement Academy 29 Units**

Basic concepts of law enforcement, covering investigation, procedures, records, laws, tactics, firearms, and public and human relations. The Law Enforcement Academy is certified by the Commission of Peace Officer Standards and Training (POST). Strongly Recommended: AJ 50 with a minimum grade of C and AJ 60 with a minimum grade of C and AJ 61 with a minimum grade of C and AJ 70 with a minimum grade of C or employment as a peace officer. 14 hours lecture, 45 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: P/NP

**AJ 9998 POST Basic Supervisory 4.5 Units**

This course will cover the basic theories of leadership as they apply to problem-solving. The principles of authority and command will also be explored; as will the concept of failure as it relates to organizational decision-making. Examples will be offered from various models of leadership, including historic leadership styles, command and control, and leadership roles. Problem-solving/decision-making and strategic planning are current themes to be covered in the context of leadership. Prerequisite: AJ 9997 with a minimum grade of Pass or Possession of a Basic California POST Certificate. 4.5 hours lecture. Transfer: CSU.

Degree Applicable, Credit

Grading Option: P/NP

**ARHS 7** **Modern Art History** **3 Units**

Presents an overview of the art movements, artists and issues of Modernism to Contemporary art. This includes art from the mid-nineteenth century, through the twentieth century and contemporary art. Incorporates the social, political, and aesthetic context of the time. Strongly Recommended: ENG 1A with a minimum grade of C. 3 hours lecture. AA/AS GE. Transfer: CSU, UC; CSU GE: C1; IGETC: 3A.

Degree Applicable, Credit

Grading Option: GR

**ARTS 23** **2-D Design** **3 Units**

Introduction to the concepts, applications, and historical references related to 2-dimensional art and composition. Topics include the basic principles and elements of design. In this course, students will develop their visual vocabulary for creative visual expression through lectures and problem solving studio projects. Students explore aspects of 2-D Design through visual art assignments. 1.5 hours lecture, 4.5 hours laboratory. AA/AS GE. Transfer: CSU, UC; C-ID# ARTS 100.

Degree Applicable, Credit

Grading Option: OP

**ARTS 26** **Color Theory** **3 Units**

This course is an introduction to the characteristics of color. Major color theorists will be presented such as Itten and Albers. Assignments will include creative application of color theory in various media. Students will learn all aspects of pigment mixing and color interaction through use of paint and colored papers. Development of a visual vocabulary for creative expression will be developed. Instruction will occur through Lecture presentations, studio projects, and written assignments. 1.5 hours lecture, 4.5 hours laboratory. Transfer: CSU, UC; C-ID# ARTS 270.

Degree Applicable, Credit

Grading Option: OP

**BIO 2A** **Bioinformatics** **4 Units**

Principles of Bioinformatics. Project-based course which will analyze complex biological data. The course introduces students to the tools used for computational exercises relevant to current biotechnologies and computational biology. Prerequisite: BIO 1C with a minimum grade of C, CS 7 with a minimum grade of C, MATH 40 with a minimum grade of C, CHEM 1A with a minimum grade of C. 3 hours lecture, 2 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: GR

**BUSN 33** **Personal Financial Management and Planning** **3 Units**

Designed to provide students with the practical, hands-on means of successfully managing their personal finances and of becoming financially empowered upon course completion. Among other topics, the course will cover the basics of credit management, assessing insurance needs, budgeting, personal financial statement preparation, investment and savings accounts, management of taxes, retirement accounts, will preparation and estate planning. 3 hours lecture. Transfer: CSU.

Degree Applicable, Credit

Grading Option: GR

**CIS 71** **Computer Typing** **1 Unit**

Individualized, hands-on courses in computer keyboarding. Upon individual assessment of keyboard skills, students are transferred into one of the following modules: CIS 71A Keyboarding (The Alphabet), CIS 71B Keyboard (Numbers & Symbols), or CIS 71C Skills Improvement. 3 hours laboratory.

Degree Applicable, Credit

Grading Option: OP

**CIS 72B****Basic Office Integration****1 Unit**

Using a project-based approach, students will be introduced to features that enable data to be transferred between programs such as Microsoft Office applications or Google applications. Using the techniques introduced in this course, students will be able to incorporate data and charts created in Excel or Google Sheets into Word or Google Docs documents and PowerPoint or Google Presentations, use worksheet data to create tables in an Access database, and use a Word or Google Docs documents to create presentations. Strongly Recommended: CIS 50 with a minimum grade of C or CIS 8 with a minimum grade of C. 3 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**CNT 51****CompTIA's A+ Certification Computer Technician****4 Units**

This course provides an introduction to the computer hardware and software skills needed to help meet the industry demand for entry-level PC Technicians. This course covers PC hardware, software, security, networking, laptops, printers, operational procedures, operating systems, security, troubleshooting, and mobile devices. The students will study the topics needed to become certified PC technicians. Preparation for the CompTIA A+ certification, which verifies knowledge equivalent to that of an entry-level ICT (Information and Communications Technology) technician with about 12 months of hands-on experience. The responsibilities of an ICT professional will be introduced. Strongly Recommended: CNT 50 with a minimum grade of C. 3 hours lecture, 3 hours laboratory. Transfer: CSU; C-ID# ITIS 110.

Degree Applicable, Credit

Grading Option: OP

**CNT 69****Network Security; CompTIA Security+ Certification****3 Units**

The CompTIA Security+ exam will certify the successful candidate has the knowledge and skills required to install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, laws, and regulations. The successful candidate will perform these tasks to support the principles of confidentiality, integrity, and availability. This course provides an introduction to the concepts and practices of secure network design and management using desktop and network operating systems, router and switch operating systems, hardware and software Firewall and VPN technology for wired and wireless systems. The program includes authentication methods and devices, protocol analysis and IP network troubleshooting, strategies for identifying and countering vulnerabilities, network media and topologies in a secure network, intrusion detection and forensic incident response. CompTIA Security+ meets the ISO 17024 standard and is approved by U.S. Department of Defense. Security+ is also compliant with government regulations under the Federal Information Security Management Act (FISMA). Strongly Recommended: CNT 51 with a minimum grade of C, CNT 52 with a minimum grade of C. 2.5 hours lecture, 1.5 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**CNT 7701****VMware VCP Certification & Virtualization****2 Units**

With VMware, students learn about virtualization, SDNs (Software Defined Networks), data center management, and remote operation of IT infrastructures in the Cloud. Increasingly, businesses are moving their IT services to data centers, and skilled VMware professionals are and will be in high demand for the foreseeable future. vSphere - the major VMware platform - includes features for configuration, backup, cloning, resizing, securing, and moving virtual machines. Upon completion of this course, students will have covered the topics required for taking the examination for the VMware Certified Professional (VCP). This hands-on training course will have students install, configure, and manage different VMware virtualization products. Microsoft Hyper-V and Citrix virtualization technologies will be introduced. Strongly Recommended: CNT 8001 with a minimum grade of C, CNT 51 with a minimum grade of C, CNT 52 with a minimum grade of C. 1.5 hours lecture, 1.5 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**CS 45****Database Programming****4 Units**

This is a programming course that goes beyond mere "desktop" database management. Participants will learn how to design and manage cloud based databases and explore dynamic applications that interact with databases using compiled and interpreted client/server programming languages. Learn databases concepts, relational database principles, database design/modeling techniques and Structured Query Language (SQL). Prerequisite: CS 1 with a

minimum grade of C or CS 7 with a minimum grade of C or CS 31 with a minimum grade of C. 3 hours lecture, 3 hours laboratory. Transfer: CSU, UC.

Degree Applicable, Credit

Grading Option: OP

**DANC 2A Jazz Dance Fundamentals/Beginning 1 Unit**

This course covers various movement forms with an emphasis on rhythm, style and proper techniques. Students will learn a variety of jazz phrases and will be expected to perform a jazz dance at the introductory level by the end of the semester. 3 hours laboratory. AA/AS GE. Transfer: CSU, UC; CSU GE: E.

Degree Applicable, Credit

Grading Option: OP

**DANC 2B Jazz Dance Beginning/Intermediate 1 Unit**

This course covers various movement forms with an emphasis on rhythm, style and proper techniques. Students will learn a variety of jazz phrases and will be expected to choreograph and perform a jazz dance at the advanced beginning/intermediate level by the end of the semester. Strongly Recommended: DANC 2A with a minimum grade of C. 3 hours laboratory. AA/AS GE. Transfer: CSU, UC; CSU GE: E.

Degree Applicable, Credit

Grading Option: OP

**DANC 3A Ballet Fundamentals/Beginning 1 Unit**

Introduction to the fundamentals of ballet, including barre, center and across the floor technique. Proper body connectivity, alignment, strength and flexibility will be emphasized. 3 hours laboratory. AA/AS GE. Transfer: CSU, UC; CSU GE: E.

Degree Applicable, Credit

Grading Option: OP

**DANC 5A Dance Composition 5A 1.5 Units**

An introduction to the art of making dances for choreographers working in any style of dance, this course is open to students who have little or no dance training. 4.5 hours laboratory. AA/AS GE. Transfer: CSU, UC; CSU GE: E.

Degree Applicable, Credit

Grading Option: OP

**DANC 5B Dance Composition 5B 1.5 Units**

A continuation to the art of making dances for choreographers working in any style of dance. 4.5 hours laboratory. AA/AS GE. Transfer: CSU, UC; CSU GE: E.

Degree Applicable, Credit

Grading Option: OP

**ECE 67 Infant and Toddler Development and Caregiving 3 Units**

A study of infants and toddlers from preconception to 36 months including physical, cognitive, language, social and emotional growth and development. Applies theoretical frameworks to interpret behavior and interactions between heredity and environment. Examination of best practices, responsive caregiving techniques, environments, infant/toddler learning foundations, health, safety, and licensing requirements. Prerequisite: ECE 56 with a minimum grade of C. 3 hours lecture. Transfer: CSU.

Degree Applicable, Credit

Grading Option: GR

**ECE 90 Practicum-Supervised Experience 4 Units**

Practicum experience working with young children under the supervision of an ECE/CD faculty; Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build comprehensive understanding of children and families. Child centered, play oriented approaches to teaching, learning and assessment and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young

children. Prerequisite: ECE 50 with a minimum grade of C and ECE 56 with a minimum grade of C and ECE 62 with a minimum grade of C and ECE 63 with a minimum grade of C. 2 hours lecture, 6 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: GR

**ECE 95**

**Work Experience**

**1-3 Units**

Cooperative effort between, student, supervisor and instructor to accomplish professional work objectives and broaden experiences. On-the-job work experience to build early childhood competencies. Corequisite: ECE 96. 75-225 hours paid work experience. Transfer: CSU.

Degree Applicable, Credit

Grading Option: GR

**ECE 96**

**Work Experience Seminar**

**1 Unit**

Discussion and analysis of typical problems often encountered by employees at the workplace. Application of National Association for the Education of Young Children (NAEYC) Code of Ethical Conduct to difficult situations that occur at the job site. Develop and complete measurable developmentally appropriate goals in early care and education settings. Corequisite: ECE 95. 1 hour lecture. Transfer: CSU.

Degree Applicable, Credit

Grading Option: GR

**EMS 30**

**Emergency Medical Responder**

**3 Units**

Development of knowledge and skills necessary for recognizing and caring for victims in emergency situations, including patient assessment, cardiopulmonary resuscitation with the use of an automated external defibrillator, and prevention of disease transmission. Designed for emergency medical responders in the public safety field. Successful completion of the psycho-motor skills tests and successful completion of the course with a score of 80%, and achieving a score on the course summative final at (80%) qualifies the student for an Emergency Medical Responder (EMR) Certificate issued by the Emergency Care and Safety Institute (ECSI). Strongly Recommended: EMS 70B with a minimum grade of C. 2 hours lecture, 3 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: GR

**ENG 11**

**Introduction to Creative Writing**

**3 Units**

Introduction to elements and craft of various genres of creative writing, including narrative, verse, and dialogue, using materials drawn from individual's own work and selected texts from established and peer writers. Practice in writing in various genres. Introduction to workshop method. Strongly Recommended: Eligibility for ENG 1A. 3 hours lecture. AA/AS GE. Transfer: CSU; CSU GE: C2; C-ID# ENGL 200.

Degree Applicable, Credit

Grading Option: OP

**ENG 12A**

**Craft of Writing Fiction**

**3 Units**

Practice in writing fiction. Developing internal and external sources for stories and novels; biographical sources, characterization, plot, points-of-view, narrative techniques; analysis and criticism of published writing and individual's own work. Strongly Recommended: ENG 11 with a minimum grade of C, Eligibility for ENG 1A. 3 hours lecture. AA/AS GE. Transfer: CSU; CSU GE: C2.

Degree Applicable, Credit

Grading Option: OP

**ENG 12B**

**Craft of Writing Fiction: Intermediate**

**3 Units**

Practice in writing fiction at an intermediate level. Builds on the skills developed in English 12A by requiring the use of vivid description, specific detail, dynamic and rounded character development, consistent point of view, and logical plotting that avoids cliché. Focus on developing themes that create intellectual or emotional resonance. Expectation of sentence structure, grammar, and format accuracy. Develop internal and external sources for stories and novels; analysis and criticism of published short fiction and a book-length work; analysis and criticism of peer work and individual's own work. Requires submission for publication at the end of the semester. Strongly Recommended: ENG 12A with a minimum grade of C and ENG 1A with a minimum grade of C. 3 hours lecture. AA/AS GE. Transfer: CSU; CSU GE: C2.



Degree Applicable, Credit

Grading Option: OP

**ENG 19A** **Journal of Arts, Literature, and Academic Writing A** **3 Units**

Creation of a literary-style student magazine. Practical training in the managing, editing, formatting, and printing of a literary magazine. Enrollment constitutes the staff of the magazine. Cross listed with MSCM 19A. A student who has successfully completed MSCM 19A cannot enroll in ENG 19A. 2 hours lecture, 3 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**ENG 19B** **Journal of Arts, Literature, and Academic Writing B** **3 Units**

Creation of a literary-style student magazine. Practical intermediate-level training in the managing, editing, formatting, and printing of a literary supplement and/or magazine with a focus on the production process, including copy editing, design, layout, proofreading, working with the printer, and digital and print distribution. Enrollment constitutes the staff of the magazine. A student who has completed MSCM 19B cannot enroll in ENG 19B. Prerequisite: MSCM 19A with a minimum grade of C or ENG 19A with a minimum grade of C. 2 hours lecture, 3 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**ENG 35** **Modern American Literature** **3 Units**

U.S. literature from the second half of the 19th century to the present, including poetry, drama, prose fiction, and essays. Emphasizes literary analysis and the exploration each work in relation to its social, cultural and historical contexts. Prerequisite: ENG 1A with a minimum grade of C. 3 hours lecture. AA/AS GE. Transfer: CSU, UC; CSU GE: C2; IGETC: 3B; C-ID# ENGL 135.

Degree Applicable, Credit

Grading Option: GR

**ENG 41** **Modern World Literature** **3 Units**

This course is a comparative study of selected works, in translation and in English, of literature from various regions and cultures around the world, including Africa, Europe, the Middle East, Asia, the Americas, and other areas, from the mid- or late-seventeenth century to the present. Emphasis will be on literary analysis as well as providing historical, cultural, and comparative perspectives on the literature. Prerequisite: ENG 1A with a minimum grade of C. 3 hours lecture. AA/AS GE. Transfer: CSU, UC; CSU GE: C2; IGETC: 3B; C-ID# ENGL 41.

Degree Applicable, Credit

Grading Option: GR

**ENG 104W** **Integrated Reading and Writing Workshop** **.5 Units**

This course provides additional LAB hours of instruction to support students who have not placed into 104 but hope to accelerate through the sequence of basic skills English courses. Instructors will work intensively with a group of ten students to support their development in critical thinking, reading, writing, and research. Corequisite: ENG 104. 1.5 hours laboratory.

Non-Degree Applicable, Credit

Grading Option: P/NP

**ENGR 25** **Computational Methods for Engineers and Scientists** **3 Units**

Methodology and techniques for solving engineering/science problems using numerical-analysis computer-application programs MATLAB and EXCEL. Technical computing and visualization using MATLAB software. Examples and applications from applied-mathematics, physical-mechanics, electrical circuits, biology, thermal systems, fluid systems, and other branches of science and engineering. Prerequisite: MATH 1 with a minimum grade of C. Strongly Recommended: CS 7 with a minimum grade of C. 2 hours lecture, 3 hours laboratory. Transfer: CSU, UC.

Degree Applicable, Credit

Grading Option: GR

**ENGR 37** **Applied Statics and Materials** **3 Units**

Applied statics, mechanics of materials, and materials science. Topics include stress, strain, types of forces, moments, moment of inertia, friction, truss structures, centers of gravity, modulus of elasticity, fasteners, chemistry and atomic structure, crystalline structures, phase diagrams. This course is designed for Engineering Technology majors; it is not intended for students pursuing the Engineering Requirements (Transfer Preparation) path. Prerequisite: MATH 39 with a minimum grade of C. 2 hours lecture, 3 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**ENGR 46** **Material of Engineering** **4 Units**

Application of principles of chemistry and physics to the properties of engineering materials; the relation of microstructure to mechanical, electrical, thermal and corrosion properties of metals; ceramics and polymers. Prerequisite: PHYS 1A with a minimum grade of C, CHEM 1A with a minimum grade of C. 3 hours lecture, 3 hours laboratory. Transfer: CSU, UC.

Degree Applicable, Credit

Grading Option: GR

**ESL 126** **Intermediate Pronunciation and Fluency** **2 Units**

Focused practice on recognizing and producing individual speech sounds, stress patterns, rhythm and intonation patterns, and grammatical signals through activities such as oral presentations, role play, authentic dialogue, and reading presentations. Prerequisite: ESL 130B with a minimum grade of P or ESL 131B with a minimum grade of P or ESL 136 with a minimum grade of P or placement through ESL assessment process. 2 hours lecture, 1 hour laboratory.

Non-Degree Applicable, Credit

Grading Option: P/NP

**FREN 1A** **Beginning French** **5 Units**

This introductory level course will enable students to begin speaking, reading and writing elementary level French as well as understanding the spoken language. Students are introduced to concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts. Strongly Recommended: Eligibility for ENG 1A. 5 hours lecture. AA/AS GE. Transfer: CSU, UC; IGETC: 6A.

Degree Applicable, Credit

Grading Option: OP

**FREN 1B** **Elementary French** **5 Units**

This is the second semester of the introductory level course and will enable students to continue learning to speak, read and write elementary level French as well as to understand the spoken language. Students are introduced to concepts of grammar, vocabulary and verb tenses in a variety of auditory, visual and written contexts. Prerequisite: FREN 1A with a minimum grade of C or appropriate skill level demonstrated through the assessment process. 5 hours lecture. AA/AS GE. Transfer: CSU, UC; IGETC: 6A.

Degree Applicable, Credit

Grading Option: OP

**FREN 2A** **Intermediate French I** **4 Units**

In this course students will review grammar from the intermediate level and continue to more advanced topics. Reading of a work or works of modern authors. Intensified focus on conversation and composition. Prerequisite: FREN 1B with a minimum grade of C. 4 hours lecture. AA/AS GE. Transfer: CSU, UC; CSU GE: C2; IGETC: 3B, 6A.

Degree Applicable, Credit

Grading Option: OP

**FREN 2B** **Intermediate French II** **4 Units**

Reading of French authors; advanced review of grammar; emphasis on speaking and composition. Prerequisite: FREN 2A with a minimum grade of C. 4 hours lecture. Transfer: CSU, UC; CSU GE: C2; IGETC: 3B, 6A.

Degree Applicable, Credit

Grading Option: OP

**FST 10** **Firefighter I Academy- Introduction** **1 Unit**

This course provides an orientation to the Fire Fighter I Academy and introduces the applied operations and maintenance of basic rescue and fire suppression apparatus and equipment. Topics include radio communications, ropes, ladders, hose, personal protective equipment, tool operations, maintenance, and physical fitness training. This course is required for students preparing to apply to the Fire Fighter I Academy at Las Positas College. .5 hours lecture, 1.5 hours laboratory.

Degree Applicable, Credit

Grading Option: P/NP

**FST 11** **ARTP Firefighter I Academy** **16 Units**

This course provides the skills and knowledge needed for the entry-level firefighter, career or volunteer, to perform his/her duties safely, effectively, and competently. The curriculum is based on the NFPA 1001 Standards for Fire Fighter Professional Qualifications, the NFPA 1051 Standard for Wildland Fire Fighter Professional Qualifications, and the NFPA 472 Standard for Competence of Responder to Hazardous Materials/Weapons of Mass Destruction Incidents. The seven overarching themes of the California State Fire Fighter I curriculum are: general knowledge germane to the profession, fire department communications, fire ground operations, rescue operations, preparedness and maintenance, wildland suppression activities, and hazardous materials/WMD. The course emphasizes the requirements of the California State Board of Fire Services Certified Firefighter I training, International Fire Service Accreditation Congress (IFSAC) standards, Professional Qualifications (ProBoard) requirements, and Cal Fire Wildland Firefighter-Basic training. This course, combined with Firefighter I Academy Skills Review and Certification, satisfies all training requirements for the IFSAC Firefighter I certification. Certificates of Completion for Fire Fighter I Academy and Cal Fire Basic Firefighter issued with a grade "C" or better. Prerequisite: EMS 30 with a minimum grade of C, FST 1 with a minimum grade of C, FST FSC1 with a minimum grade of C, FST 10 with a minimum grade of C or FST 51W with a minimum grade of C. 9 hours lecture, 21 hours laboratory,

Degree Applicable, Credit

Grading Option: GR

**FST 11C** **Firefighter I Academy- Capstone Testing** **2 Units**

This course prepares students to meet the State Fire Training (SFT) requirements for Fire Fighter I (FFI) including the capstone knowledge and skills necessary to pass. Upon successful completion, students will receive a pass letter from the SFT. The course is 45 hours skills practice, 3 hours written exam, and 33 hours certification skills evaluation. Prerequisite: FST 11 with a minimum grade of C. .5 hours lecture, 4.5 hours laboratory.

Degree Applicable, Credit

Grading Option: P/NP

**FST FSC2** **Fire Service Conditioning & Physical Agility Development 2** **1 Unit**

This course builds on the fundamentals of basic fitness in FST FSC1 and increases the performance expectations. Students will use the skills and knowledge they learned in FST FSC1 to raise their level of performance. They will also be acting as crew leaders and mentors for the FST FSC1 students. Students will be expected to perform many of the same exercises of the FST FSC 1 students, however they will have added resistance and weight load. For example, students will exercise while wearing SCBA bottles or weight vests. To pass the class, students must pass a certified CPAT exam, held at an outside facility. Strongly Recommended: FST FSC1 with a minimum grade of C. 3 hours laboratory. AA/AS GE. Transfer: CSU.

Degree Applicable, Credit

Grading Option: GR

**GDDM 45A** **Digital Painting I** **3 Units**

Students will be introduced to fundamental techniques of digital painting as well as hardware and software considerations. Students will create paintings from observation as well as from imagination. Course will focus on translating traditional painting principals into the digital realm. Strongly Recommended: GDDM 53 with a minimum grade of C, ARTS 2A with a minimum grade of C. 1.5 hours lecture, 4.5 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**GDDM 57**    **Branding and Identity Design**    **3 Units**

Students in this course will learn the process of brand development and implementation. From research and analysis through launch and governance, the course covers all aspects of the process and the best practices that build better brands. Prerequisite: GDDM 56 with a minimum grade of C and GDDM 53 with a minimum grade of C or GDDM 54 with a minimum grade of C. 1.5 hours lecture, 4.5 hours laboratory. Transfer: CSU.

Degree Applicable, Credit    Grading Option: OP

**GEOG 1L**    **Introduction to Physical Geography Laboratory**    **1 Unit**

This course is designed to provide supplemental exercises in topics covered in physical geography lecture. Lab experience will include map analysis and interpretation, weather prognostication, landform processes and evolution, tectonics, biogeography, and habitat analysis. Prerequisite: GEOG 1 with a minimum grade of C (May be taken concurrently). 3 hours laboratory. AA/AS GE. Transfer: CSU, UC; CSU GE: B3; IGETC: 5C; C-ID# GEOG 111.

Degree Applicable, Credit    Grading Option: GR

**GEOG 2**    **Cultural Geography**    **3 Units**

The course is a study of diverse human populations, their cultural origins, diffusion and contemporary spatial expressions. Topics include: demography, languages and religions, urbanization and landscape modification, political units and nationalism, and economic systems and development. 3 hours lecture. AA/AS GE. Transfer: CSU, UC; CSU GE: D5; IGETC: 4E; C-ID# GEOG 120.

Degree Applicable, Credit    Grading Option: GR

**GEOG 5**    **World Regional Geography**    **3 Units**

Survey of the world's culture regions and nations as interpreted by geographers, including physical, cultural, and economic features. Emphasis on spatial and historical influences on population growth, transportation networks, and natural environments. Identification and importance of the significant features of regions. 3 hours lecture. AA/AS GE. Transfer: CSU, UC; CSU GE: D5; IGETC: 4E; C-ID# GEOG 125.

Degree Applicable, Credit    Grading Option: GR

**GEOG 8**    **Introduction to Atmospheric Science**    **3 Units**

Introduction to the Earth's atmosphere: topics include atmospheric structure and composition, solar radiation and energy balances, temperature, seasonal changes, atmospheric moisture, clouds and fog, precipitation, air pressure, winds, air masses and fronts, cyclones, weather forecasting, climate and climate change. 3 hours lecture. AA/AS GE. Transfer: CSU, UC; CSU GE: B1; IGETC: 5A; C-ID# GEOG 130.

Degree Applicable, Credit    Grading Option: GR

**KIN 5**    **Sports Management**    **3 Units**

Course content includes how to organize, manage, plan, staff, direct, and control a sports program. Furthermore, areas such as Title IX, budget, facilities management, sports law, scheduling, officials, sports marketing, transportation, public relations, parent and booster clubs, purchase and care of athletic equipment, fund raising. This course will provide an overview of the many careers available in the sports management industry. 3 hours lecture. Transfer: CSU.

Degree Applicable, Credit    Grading Option: GR

**KIN 6**    **Personal Trainer**    **3.5 Units**

This course emphasizes the theoretical and hands on skills required of personal trainers, coaches and fitness professionals. This course will bridge the gap between exercise science, kinesiology and practical hands-on learning by integrating the latest in scientific and physiologically based research. This class will have lectures, labs, group work/discussions and assignments. 3 hours lecture, 1.5 hours laboratory. Transfer: CSU, UC.

Degree Applicable, Credit

Grading Option: OP

**KIN 24** **Sport Psychology** **3 Units**

A formal introduction to the study of sport psychology focusing upon both the psychological factors that influence participation in sport and exercise and the psychological effects derived from that participation. Emphasis on understanding the psychological processes involved in human performance, models of intervention that can enhance and improve learning and performance conditions, and the strategies which can elicit and influence favorable psychological perceptions and outcomes. 3 hours lecture. Transfer: CSU; CSU GE: E.

Degree Applicable, Credit

Grading Option: OP

**KIN 27** **Principles of Coaching & Sports Officiating** **3 Units**

Theory, principles, and ethics of coaching sports with emphasis on the fundamentals and techniques of coaching. Course completion certificate available upon completion (with a grade of "C" or higher). Also, theory and practical applications of sports officiating. Discussion, study and implementation of rule enforcement, mechanics, and techniques used by officials in officiating athletic contests. 2 hours lecture, 3 hours laboratory. Transfer: CSU, UC.

Degree Applicable, Credit

Grading Option: GR

**KIN 29A** **Independent Study, Intercollegiate Athletics** **.5-2 Units**

Supervised study in the area of Intercollegiate Athletics. Any student interested in registering for an Independent Studies course should contact a full/part-time instructor or dean in the appropriate area. 1.5- 6 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**KIN 29K** **Independent Study, Kinesiology** **.5-2 Units**

Supervised study in the area of Kinesiology. Any student interested in registering for an Independent Studies course should contact a full/part-time instructor or dean in the appropriate area. 1.5- 6 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**KIN 29P** **Independent Study, Physical Education** **.5-2 Units**

Supervised study in the area of Physical Education. Any student interested in registering for an Independent Studies course should contact a full/part-time instructor or dean in the appropriate area. 1.5- 6 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**KIN 38A** **Pre-Season Intercollegiate Men's Soccer** **1-2 Units**

Students will work on fundamental skills of soccer, such as, kicking, passing, trapping, heading and physical conditioning which are needed for controlled outdoor higher levels of soccer play, discuss and employ basic offensive and defensive strategies and tactics; use and apply the rules governing outdoor soccer play. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: GR

**KIN 38B** **Intercollegiate Men's Soccer** **3 Units**

Training for soccer competition at the collegiate level. Practice will take place which will include training students to perform at the college competitive level for the Coast Conference Soccer League of Northern California. Prepares the individual for intercollegiate competition in the sport of soccer using such skills as passing, receiving and heading as well as offensive and defensive strategies. Students must meet California Community College eligibility requirements as established by the California Commission on Athletics. Strongly Recommended: KIN 38A with a minimum grade of C. 3 hours laboratory for 3 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: GR

**KIN 38C Post Season Intercollegiate Men's Soccer 1-2 Units**

Students will learn and develop fundamental to advanced outdoor soccer skills of kicking, passing and conditioning necessary for playing field soccer at an intercollegiate level. Students will learn the rules governing outdoor soccer play. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: GR

**KIN 41A Pre-Season Intercollegiate Women's Basketball 1-2 Units**

This course is designed to provide the student with an opportunity to develop the skills and physical conditioning, along with the understanding of basketball at the advanced level in preparation for intercollegiate competition. Skills such as dribbling, passing, shooting, defensive and offensive strategies will be presented and practiced. Team play and sportsmanship are important priorities that are emphasized in this class. Fall semester. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: GR

**KIN 41D Off Season Intercollegiate Women's Basketball 1-2 Units**

Students will practice the skills of dribbling, passing, shooting and defense necessary for competitive basketball play; put into practice the governing rules of basketball; learn about the appropriate terminology used in basketball and the safety procedures related to the game. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: GR

**KIN 48A Pre-Season Intercollegiate Women's Soccer 1-2 Units**

Students will be taught to execute technical skills of soccer in game situations. For example, the techniques of long/short passing, receiving, crossing, shooting, individual and zonal defending. They will compare and contrast various offensive and defensive strategies and systems of play, and identify strengths and weaknesses of various formations. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: GR

**KIN 48C Off Season Intercollegiate Women's Soccer 1-2 Units**

Students will practice the skills of kicking, passing, trapping and heading necessary for controlled outdoor soccer play; put into practice the rules governing outdoor soccer play; learn about the appropriate terminology used in soccer and the safety procedures related to the soccer game. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: GR

**KIN AAE Adapted Aerobic Exercise .5-2 Units**

This course is for people with disabilities to develop different aerobic exercises to improve cardiovascular strength and endurance. Students will experience cardiovascular training in the context of their individual's physical, intellectual and/or affective abilities and limitations. Students will experience aerobic exercises such as biking, chair aerobic exercise, walking, jogging, Step, treadmill and elliptical. Students will review and apply basic exercise physiology and fitness concepts in the context of their own abilities and limitations to develop and/or maintain their cardiovascular fitness levels. 27- 108 hours laboratory for .5-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN AB**                                      **Aerobic Fitness**                                      **.5-2 Units**

Aerobic Fitness is an intermediate conditioning class that emphasizes cardiovascular endurance activities through a variety of exercises that stimulate heart and lung activity. Interval calisthenics are used as a warm-up, and then activities that develop increased aerobic efficiency will be performed by the students. 27- 108 hours laboratory for .5-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN AFG**                                      **Aerobic Fitness Gym**                                      **1-2 Units**

The Aerobic Fitness Gym course will present and implement the fundamental principles of Cardio/Aerobic Fitness training. Methods of assessing and monitoring aerobic intensity will be discussed and documented in class. The health and fitness benefits of cardio/aerobic conditioning will be presented. A variety of aerobic gym equipment will be used to achieve cardiopulmonary fitness and healthy body composition. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN APA**                                      **Adapted Physical Activities**                                      **.5-2 Units**

This class has been offered to disabled students to participate in a variety of team and dual activities. This class is part of the family of Adapted Kinesiology classes. Students attending this class must have a disability that prevents them from finding success in a regular physical activity class. Each student must provide the instructor with a current medical record and clearance from a doctor in order to participate in class. The class will include many physical activities which will be modified and adapted for participation of people with disabilities. Movement, flexibility and cardiovascular endurance will be used to achieve health and wellness. 27-108 hours laboratory for .5-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN BC1**                                      **Boot Camp for Flexibility & Core Development**                                      **1-2 Units**

Improve flexibility and core development (thus providing stability to our movements) through a variety of drills and military style movements. Functional training delivered in an intense environment. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN BC2**                                      **Boot Camp for Aerobic Conditioning**                                      **1-2 Units**

Improve aerobic capacity, muscle endurance and cardiorespiratory fitness through a variety of drills and military style movements. Functional training delivered in an intense environment. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN BC3**                                      **Boot Camp for Power & Strength Training**                                      **1-2 Units**

Improve muscle strength & power through a variety of drills and military style movements. Functional training delivered in an intense environment. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN BD1**                                      **Badminton 1**                                      **.5-2 Units**

Introduction to the fundamental techniques of badminton (for example, the forehand and backhand serve, service return, and lob shots). Course will also include grip, footwork, rules, equipment and court dimensions. 27-108 hours laboratory for .5-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: GR

**KIN BD2**

**Badminton 2**

**.5-2 Units**

The techniques of badminton for the intermediate player will be reviewed and performed. This course will also incorporate match analysis for singles and doubles play. Strongly Recommended: KIN BD1 with a minimum grade of C. 27-108 hours laboratory for .5-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: GR

**KIN BD3**

**Badminton 3**

**.5-2 Units**

Badminton strategy for singles and doubles play. The body's physiological responses to singles and doubles play will be examined. Strongly Recommended: KIN BD2 with a minimum grade of C. 27-108 hours laboratory for .5-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: GR

**KIN BX1**

**Box Aerobics 1**

**.5-2 Units**

Course is designed to give the student an opportunity to experience a combination of martial arts and aerobic exercise for the benefit of physical fitness. Exercises will include jumping rope, push-ups, abdominal work, cardiovascular exercise, strength training and toning exercises, box aerobics drills and stretching. 27-108 hours laboratory for .5-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN DBS**

**Dance Aerobics/Body Sculpting**

**1-2 Units**

A combination of aerobic dance and specific resistance training. Improves cardio-respiratory endurance and tones major muscle groups. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN FC**

**Fitness Center**

**.5-2 Units**

Students will be presented instruction on how to development and maintain the components of fitness: muscular strength, muscular endurance, cardiovascular endurance, flexibility and body composition. Students will learn how to design an individualized exercise program based on sound training principles and personal goals. 27-108 hours laboratory for .5-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN FD**

**Fitness Development**

**.5-2 Units**

Introduction to the components of fitness development. Students will be presented instruction on how to maintain and development the components of fitness: muscular strength, muscular endurance, cardiovascular endurance, flexibility and balance. 27-108 hours laboratory for .5-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN FW1**

**Fitness Walking 1**

**1-2 Units**

This course is an introduction to a cardiovascular activity that will benefit anyone, regardless of age or fitness level. Individualized walking programs are designed to promote general overall fitness. Walking skills will be improved through the practice of effective and technically correct movement patterns. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.



Degree Applicable, Credit

Grading Option: OP

**KIN GBW Guts and Butts Workout 1-2 Units**

This course will focus on improving muscle strength and endurance of the abdominals, gluteals, quadriceps, and hamstrings. Functional exercises such as squats, lunges and planks will be utilized. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN PL1 Pilates 1 .5-2 Units**

This course is an introduction to the Pilates Method of body conditioning. This course presents a system that helps build flexibility and long lean muscles as well as strength and endurance in the legs, abdominals, arms, hips and back. Strong emphasis is placed on spinal and pelvic alignment. 27-108 hours laboratory for .5-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN VB1 Volleyball Beginning 1-2 Units**

Provides instruction on the individual and team skills and strategies of volleyball. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN WT1 Weight Training 1 1-2 Units**

This course provides an introduction to weight training. Students will learn how to improve muscle strength and muscle endurance through the correct application of basic weight training principles. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN WTW2 Women's Circuit Training 1-2 Units**

This course will present the basic tenets of Circuit Training. The Circuits to be introduced are Power Circuits, Strength Circuits and Cardio-Resistance Circuits. The Course will include basic muscle anatomy & anatomical movement terminology as it relates to weight training, instruction on use of equipment and safety guidelines, physiological changes in aerobic capacity and body composition secondary to the circuits, and pre/post physical fitness assessments to establish a baseline for current level of conditioning and improvement made over the course of the semester. Strongly Recommended: KIN WTW1 with a minimum grade of C. 54-108 hours laboratory for 1-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**KIN YO1 Yoga 1 .5-2 Units**

This is an introductory course exploring the principles of Hatha Yoga and how they apply to achieving lifetime fitness. Emphasis is on developing awareness of body alignment, balance, and flexibility through a series of exercises and poses. Breathing exercises, relaxation and meditation techniques are learned and practiced throughout the course. 27-108 hours laboratory for .5-2 laboratory units. AA/AS GE. Transfer: CSU, UC\*; CSU GE: E. \*Max UC credit, 4 units of KIN activity courses.

Degree Applicable, Credit

Grading Option: OP

**MSCM 16A Express College Newspaper A 3 Units**

An applied course in which students practice and refine beginning journalism skills, including recognizing, acquiring, producing, and distributing content for the print and online editions of the student newspaper, the Express. The focus of study is on basic news, feature, and opinion stories. Students are introduced to concepts related to

photojournalism, business management, graphic arts, design, social media, and leadership and editing skills. The course includes ethical, practical, and legal issues in journalism. Strongly Recommended: Eligibility for ENG 1A. 1 hour lecture, 6 hours laboratory. Transfer: CSU; C-ID# JOUR 130.

Degree Applicable, Credit

Grading Option: OP

**MSCM 16B Express College Newspaper B 3 Units**

An applied course in which students practice and refine intermediate journalism skills, including recognizing, acquiring, producing, and distributing content for the print and online editions of the student newspaper, the Express. Focus is on in-depth news, feature and opinion stories. Students develop intermediate abilities in photojournalism, business management, graphic arts, design, social media, and leadership and editing skills. The course includes ethical, practical, and legal issues in journalism. Prerequisite: MSCM 16A with a minimum grade of C. Strongly Recommended: Eligibility for ENG 1A. 1 hour lecture, 6 hours laboratory. Transfer: CSU; C-ID# JOUR 131.

Degree Applicable, Credit

Grading Option: OP

**MSCM 16C Express College Newspaper C 3 Units**

An applied course in which students practice and refine advanced journalism skills, including recognizing, acquiring, producing, and distributing content for the print and online editions of the student newspaper, the Express. Focus is on leadership, editing the work of others, improving writing and multimedia skills, and improving the Express. Enhanced leadership role includes outreach to the community and representation as journalist and leader at events. Students develop advanced abilities in writing, photojournalism, business management, graphic arts, design, social media, and leadership and editing skills. Students will produce newscasts, an infographics, and reader surveys. The course includes ethical, practical, and legal issues in journalism. Students should serve in a leadership role. Prerequisite: MSCM 16B with a minimum grade of C. 1 hour lecture, 6 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**MSCM 16D Express College Newspaper D 3 Units**

An applied capstone course in which students practice and refine advanced journalism skills, including recognizing, acquiring, producing, and distributing content for the print and online editions of the student newspaper, the Express. Focus is on completing a portfolio project, exploring career opportunities in the field, leading others, editing the work of others, improving writing and multimedia skills, and improving the Express. Students work to develop advanced abilities in writing, photojournalism, business management, graphic arts, design, social media, leadership, and editing skills. The course includes ethical, practical, and legal issues in journalism. Student assumes a leadership role and create workshops to benefit other staff members. Prerequisite: MSCM 16C with a minimum grade of C. 1 hour lecture, 6 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**MSCM 19A Journal of Arts, Literature, and Academic Writing A 3 Units**

Creation of a literary-style student magazine. Practical training in the managing, editing, formatting, and printing of a literary magazine. Enrollment constitutes the staff of the magazine. Cross listed with ENG 19A. A student who has successfully completed ENG 19A cannot enroll in MSCM 19A. 2 hours lecture, 3 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**MSCM 19B Journal of Arts, Literature, and Academic Writing B 3 Units**

Creation of a literary-style student magazine. Practical intermediate-level training in the managing, editing, formatting, and printing of a literary supplement and/or magazine with a focus on the production process, including copy editing, design, layout, proofreading, working with the printer, and digital and print distribution. Enrollment constitutes the staff of the magazine. A student who has completed ENG 19B cannot enroll in MSCM 19B. Prerequisite: MSCM 19A with a minimum grade of C or ENG 19A with a minimum grade of C. 2 hours lecture, 3 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**MSCM 32A Introduction to Radio Production 3 Units**

History, law, ethics, theory, and practical use of radio technology. Operations procedures and practices in a modern radio broadcast studio. Extended study of various aspects of radio production, including editing and announcing, producing studio-recordings, producing a news or feature interview story, producing pre-recorded newscasts, supporting station operations, preparing content for radio programming, publishing content online, selling ads, establishing a brand identity, producing news, collaborating with other media, creating and maintaining audio and video streams, podcasts, and direct feed, creating content for a multimedia website, and producing ad spots and promotional posts. 1 hours lecture, 6 hours laboratory. AA/AS GE. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**MSCM 32B Intermediate Radio Production 3 Units**

Intermediate-level procedures and practices in a modern radio broadcast studio. Extended study of various aspects of intermediate-level radio production, including editing and announcing, producing a live newsmagazine interview program, producing pre-recorded newscasts, managing station operations, preparing commercial radio programming, selling ads, establishing a brand identity, producing news, collaborating with other media, creating and maintaining audio and video streams, podcasts, and direct feed, creating a multimedia news website, and producing ad spots and promotional posts. Prerequisite: MSCM 32A with a minimum grade of C. 1 hours lecture, 6 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**MSCM 32C Advanced Radio Production 3 Units**

Advanced-level procedures and practices in a modern radio broadcast studio with an emphasis on public relations, social media, and the use of video in radio production. Additional study of various aspects of advanced-level radio production, including leading new radio students, editing and announcing, producing a live newsmagazine interview program, producing pre-recorded newscasts, managing station operations, preparing commercial radio programming, selling ads, establishing a brand identity, producing news, collaborating with other media, creating and maintaining audio streams, podcasts, and direct feed, creating video to enhance a multimedia news website, and producing ad spots and promotional posts. Provide leadership in creating at least one campus-wide event involving Radio Las Positas. Prerequisite: MSCM 32B with a minimum grade of C. 1 hours lecture, 6 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**MSCM 35 Multimedia Reporting 3 Units**

This course will provide an introduction to multimedia storytelling with a journalism emphasis. Techniques that will be explored include use of video, photos, audio, animation, and text to convey interactive news and feature stories through the Internet and other electronic media. It also will include techniques in digital research, critical thinking, and synthesis. It will introduce the legal and ethical issues in the recording of sources. Emphasis is placed upon the methods and techniques of multimedia reporting, including scripting, storyboarding, camera use, lighting, sound, and editing with video editing software such as Adobe Premiere Pro. 1 hours lecture, 6 hours laboratory. Transfer: CSU, UC; C-ID# JOUR 120.

Degree Applicable, Credit

Grading Option: OP

**MUS 17B Jazz Combo 2 1 Unit**

For intermediate/advanced instrumentalists who want to continue what they learned in 17A by performing, composing, and arranging small-group literature. Enrollment by audition only. Prerequisite: MUS 17A with a minimum grade of C. 3 hours laboratory. Transfer: CSU, UC; C-ID# MUS 180, MUS 185.

Degree Applicable, Credit

Grading Option: OP

**MUS 19 Studies in Music Composition 3 Units**

Presents a technical and historical analysis of works in various music languages. Students will compose individual pieces to be performed by college-based music ensembles. Strongly Recommended: MUS 8A with a minimum grade of B. 3 hours lecture. AA/AS GE. Transfer: CSU, UC.

Degree Applicable, Credit

Grading Option: OP

**MUS 29** **Independent Study, Music** **.5-2 Units**

Supervised study in the area of Music. Any student interested in registering for an Independent Studies course should contact a full/part-time instructor or dean in the appropriate area. 1.5-6 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**MUS 47** **College Productions- Music** **1-5 Units**

Participation in scheduled music productions. Includes music support for drama productions, college musicals, and other major performances. Enrollment is for the duration of the production, and by audition only. 3-15 hours laboratory. Transfer: CSU, UC.

Degree Applicable, Credit

Grading Option: GR

**PHIL 1** **God, Nature, Human Nature** **3 Units**

An exploration of the nature and range of philosophical inquiry in relation to everyday problems of humans as individuals, as citizens, as physical creatures, and as creators of spiritual and artistic works. Philosophical texts are analyzed with special attention given to the development of skills in analysis and argumentation. NOTE: Philosophy 2 and 4 are also introductory courses and may be taken before Philosophy 1 if a more detailed examination of ethical problems, the theory of knowledge, or political philosophy is desired. Strongly Recommended: Eligibility for ENG 1A. 3 hours lecture. AA/AS GE. Transfer: CSU, UC; CSU GE: C2; IGETC: 3B; C-ID# PHIL 100.

Degree Applicable, Credit

Grading Option: GR

**PHIL 1H** **Honors Philosophy 1: God, Nature, Human Nature** **3 Units**

This is an honors course for philosophy 1. Philosophy 1 is an exploration of the nature and range of philosophical inquiry in relation to everyday problems of humans as individuals, as citizens, as physical creatures, and as creators of spiritual and artistic works. Philosophical texts are analyzed with special attention given to the development of skills in analysis and argumentation. Students in Honors Philosophy 1 course will have assignments in reading, writing, discussion, analysis, and oral presentation at a level of rigor higher than those in Philosophy 1 and consistent with honors program expectations. NOTE: Philosophy 2 and 4 are also introductory courses and may be taken before Philosophy 1 if a more detailed examination of ethical problems, the theory of knowledge, or political philosophy is desired. A student who has successfully completed PHIL 1 cannot enroll in PHIL 1H. Strongly Recommended: Eligibility for ENG 1A. 3 hours lecture. AA/AS GE. Transfer: CSU, UC; CSU GE: C2; IGETC: 3B; C-ID# PHIL 100.

Degree Applicable, Credit

Grading Option: GR

**PHIL 2H** **Honors Philosophy 2: Ethics** **3 Units**

This is an honors course for Philosophy 2. This course covers the concepts of morality, values and influential ethical theories. Students taking this course will be required to use philosophical methods to evaluate these theories for themselves and show how these theories can apply to everyday ethical questions. Students in Honors Philosophy 2 course will have assignments in reading, writing, discussion, analysis, and oral presentation at a level of rigor higher than those in Philosophy 2 and consistent with honors program expectations. A student who has successfully completed PHIL 2 cannot enroll in PHIL 2H. Strongly Recommended: Eligibility for ENG 1A. 3 hours lecture. AA/AS GE. Transfer: CSU, UC; CSU GE: C2; IGETC: 3B; C-ID# PHIL 120.

Degree Applicable, Credit

Grading Option: GR

**PHIL 4** **Intro to Philosophy: Knowledge** **3 Units**

Systematic analysis of documents that constitute the major statements in the theory of knowledge. Investigation of the nature of knowledge, truth and belief. Emphasis placed on enabling students to analyze, critique and defend their own systems of beliefs. Strongly Recommended: Eligibility for ENG 1A. 3 hours lecture. AA/AS GE. Transfer: CSU, UC; CSU GE: C2; IGETC: 3B.

Degree Applicable, Credit

Grading Option: GR

**PHIL 29** **Independent Study, Philosophy** **.5-2 Units**

Supervised study in Philosophy. Any student interested in registering for a Independent Study course should contact a full/part-time instructor or dean in the appropriate area. 1.5-6 hours laboratory. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**PHYS 1D** **General Physics IV** **3 Units**

Introduction to relativity and modern physics, including: introduction to quantum theory; atomic, molecular, nuclear and particle physics; condensed matter physics; astrophysics and cosmology. Prerequisite: PHYS 1B with a minimum grade of C and PHYS 1C with a minimum grade of C, MATH 5 with a minimum grade of C (May be taken concurrently). 2 hours lecture, 3 hours laboratory. Transfer: CSU, UC; CSU GE: B1, B3; IGETC: 5A, 5C; C-ID# PHYS 215 (if taken with PHYS 1B).

Degree Applicable, Credit

Grading Option: GR

**PSYC 25** **Research Methods** **4 Units**

Introduction to the use of the scientific method in the study of human and animal behavior. Coverage of descriptive, experimental, and non-experimental methods commonly used in psychological research. Topics will include ethical principles in research, hypothesis development and testing, observational methods, survey research, the fundamentals of experimental design, basic data analysis, and the presentation of research findings. Prerequisite: PSYC 1 with a minimum grade of C and MATH 40 with a minimum grade of C (May be taken concurrently). 3 hours lecture, 3 hours laboratory. AA/AS GE: Transfer: CSU, UC; CSU GE: D9; IGETC 4I.

Degree Applicable, Credit

Grading Option: OP

**SOC 13** **Research Methods** **4 Units**

This course orients students to the methods of data collection and analysis used by sociologists. Instruction includes an overview of sociological theory, instruction on experimental methods, surveys, interviews, field research, participant observation, demographic methods, and comparative historical approaches. Prerequisite: SOC 1 with a minimum grade of C. Strongly Recommended: MATH 40 with a minimum grade of C. 3 hours lecture, 3 hours laboratory. AA/AS GE. Transfer: CSU, UC; CSU GE: D0; IGETC:4J.

Degree Applicable, Credit

Grading Option: OP

**THEA 41A** **Advanced Passport to Theater- Non Musical** **1 Unit**

Supervised participation in scheduled productions of the theater department as an actor or backstage worker. Participation for NON Musical. Prerequisite THEA 47D with a minimum grade of C or THEA 48D with a minimum grade of C or Instructor Approval. 3 hours laboratory. Transfer: CSU, UC.

Degree Applicable, Credit

Grading Option: P/NP

**THEA 41B** **Advanced Passport to Theater- Musical** **1 Unit**

Advanced level participation in scheduled Musical performances of the theater department as a performer, stage manager, assistant director/designer or running crew member. Prerequisite THEA 57C with a minimum grade of C or THEA 57D with a minimum grade of C or Instructor Approval. 3 hours laboratory. Transfer: CSU, UC.

Degree Applicable, Credit

Grading Option: P/NP

**THEA 48C** **Technical Theater in Production-Advanced** **3 Units**

Participation in scheduled productions as designer and/or assistant designers of said productions technical elements, including scenic, costume, lighting and sound design. Enrollment is for the duration of the semester. Students may participate in more than one production per semester, as needed. Prerequisite: THEA 48A with a minimum grade of C (May be taken concurrently), THEA 50L with a minimum grade of C or THEA 51 with a minimum grade of C or

THEA 52 with a minimum grade of C. Strongly Recommended: MATH 107 with a minimum grade of C or MATH 107B with a minimum grade of C. 1 hour lecture, 6 hours laboratory. Transfer: CSU, UC.

Degree Applicable, Credit

Grading Option: OP

**THEA 48D Technical Theater in Production-Management 3 Units**

Participation in scheduled productions as manager of productions technical elements, including stage management, house management, and publicity management. Enrollment is for the duration of the semester. Students may participate in more than one production or event per semester. Prerequisite: THEA 48A with a minimum grade of C (May be taken concurrently). 1 hour lecture, 6 hours laboratory. Transfer: CSU, UC.

Degree Applicable, Credit

Grading Option: OP

**WRKX 94 Occupational Work Experience/Internship .5-8 Units**

This course of supervised employment provides students with the opportunity to earn college credit for developing marketable skills while working in their major field of study. Students working in a part-time or full-time, paid or unpaid internship or position related to their major field of study will contract, in collaboration with their work supervisor and instructor, to set measurable, achievable goals; accomplish new or expanded learning objectives; and broaden work skills and experiences. Students will apply discipline-specific knowledge, skills, and abilities gained in the classroom. Students can earn 0.5 to 8 units per semester for a maximum of 16 units of Cooperative Work Experience, which includes General Work Experience and Occupational Work Experience/Internship. Students must work 75 paid hours or 60 unpaid hours per unit earned during the semester. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**WRKX 95 General Work Experience .5-6 Units**

This course of supervised employment provides students with the opportunity to earn college credit while working and developing desirable work habits, attitudes, and skills. Students working in any part-time or full-time, paid or unpaid position will contract, in collaboration with their work supervisor and instructor, to set measurable, achievable goals; accomplish new or expanded learning objectives; and broaden work skills and experiences. The work experience need not be related to the students' educational goals. Students can earn 0.5 to 6 units per semester for a maximum of 16 units of Cooperative Work Experience, which includes General Work Experience and Occupational Work Experience/Internship. Students must work 75 paid hours or 60 unpaid hours per unit earned during the semester. Transfer: CSU.

Degree Applicable, Credit

Grading Option: OP

**Corrections:**

- KIN 24 not UC T
- BIO 1A + BIO 1B + BIO 1C = C-ID# BIOL 135S